



Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and contiguous Atlantic area, concluded under the auspices of the Convention on the Conservation of Migratory Species of Wild Animals (CMS)

Accord sur la Conservation des Cétacés de la Mer Noire, de la Méditerranée et de la zone Atlantique adjacente, conclu sous l'égide de la Convention sur la Conservation des Espèces Migratrices appartenant à la Faune Sauvage (CMS)



Seventh Meeting of the Parties to ACCOBAMS

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PANELS OF THE REGIONAL EXPERTS FOR THE SCIENTIFIC COMMITTEE **PANELS D'EXPERTS REGIONAUX POUR LE COMITE SCIENTIFIQUE**

*Delegates are kindly invited to bring their own documents to the Meeting.
This document will be available only in electronic format during the Meeting.*

PANELS OF THE REGIONAL EXPERTS FOR THE SCIENTIFIC COMMITTEE**PANELS D'EXPERTS REGIONAUX POUR LE COMITE SCIENTIFIQUE****Note of the Secretariat**

In accordance with **Article VII of the Agreement** and **Resolution 6.7**, the composition of the Scientific Committee includes four regional representatives, appointed by the Meeting of the Parties from a list of experts submitted by Parties together with their curriculum vitae.

Parties will be invited to appoint 4 regional representatives for the Scientific Committee

Note du Secrétariat

En accord avec **l'Article VII de l'Accord** et avec la **Résolution 6.7**, la composition Comité Scientifique inclue quatre représentants régionaux, nommés par la Réunion des Parties à partir d'une liste d'experts soumis par les Parties avec leur *curriculum vitae*.

Les Parties vont être invitées à nommer 4 représentants régionaux pour le Comité Scientifique.

PARTIES	PROPOSED CANDIDATES / CANDIDATS PROPOSES
CROATIA / CROATIE	Mrs. Martina DURAS
CROATIA / CROATIE	Mr. Drasko HOLCER
EGYPT / EGYPT	Dr. Moustafa FOUDA
FRANCE / FRANCE	Mr. Vincent RIDOUX
GEORGIA / GEORGIE	Mrs. Natia KOPALIANI
LEBANON / LIBAN	Mrs. Celine MAHFOUZ
MOROCCO / MAROC	Mrs. Sadia BELCAID
MOROCCO / MAROC	Mr. Said BENCHOUCHA
PORTUGAL / PORTUGAL	Mrs. Marina SEQUEIRA
ROMANIA / ROUMANIE	Mr. Romulus-Marian PAIU
SYRIA / SYRIE	Mr. Ali Malek FARES
TURKEY / TURQUIE	Mr. Arda M. TONAY

Curriculum vitae are presented in Annex

Les curriculum vitae sont en Annexe

PERSONAL INFORMATION

Martina Đuras

📍 Ulica Dragutina Albrechta 4, Zagreb, 10000, Croatia

☎️ ++385 95 9022613

✉️ martina.duras@vef.hr; martina.duras4@gmail.com

Sex female | Date of birth 03/11/1974 | Nationality Croatian

POSITION

Assoc. Prof., PhD, DVM

WORK EXPERIENCE

6/4/2016

Associate Professor

Department of Anatomy, Histology, Embryology, Faculty of Veterinary Medicine, University of Zagreb, Croatia

15/2/2010 - 6/4/2016

Assistant Professor

Department of Anatomy, Histology, Embryology, Faculty of Veterinary Medicine, University of Zagreb, Croatia

16/10/2000 – 15/2/2010

Research Fellow

Department of Anatomy, Histology, Embryology, Faculty of Veterinary Medicine, University of Zagreb, Croatia

EDUCATION AND TRAINING

2000 – 2006

PhD

Faculty of Veterinary Medicine, University of Zagreb, Croatia

▪ Doctoral study, Veterinary Sciences

2000 – 2006

DVM

Faculty of Veterinary Medicine, University of Zagreb, Croatia

▪ Veterinary study

PERSONAL SKILLS

Mother tongue(s)

Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

▪ good communication skills gained through my experience during teaching

Organisational / managerial skills

▪ good organisational skills gained through my research collaborations

Computer skills

-
- good command of office suite (word processor, spread sheet, presentation software)

Driving licence

B

ADDITIONAL INFORMATION

Publications

Mihaljević, M., M. Kramer, H. Gomerčić, M. Đuras Gomerčić, T. Gomerčić, S. Jawinski, S. Klumpp, F. Sonntag (2009): CT- und MRT-Atlas, Transversalanatomie des Hundes. Parey, Stuttgart.

39 original scientific papers (selected articles):

Mladineo, I., J. Hrabar, A. Vrbatović, S. Duvnjak, T. Gomerčić, M. Đuras (2019): Microbiota and gut ultrastructure of *Anisakis pegreffii* isolated from stranded cetaceans in the Adriatic Sea. *Parasites & Vectors* 12:381 <https://doi.org/10.1186/s13071-019-3636-z>

Zadravec, M., Z. Kozarić, S. Kužir, M. Mitak, T. Gomerčić, M. Benić, M. Đuras (2018): Whale poaching detection based on microscopic characteristics of bottlenose dolphins' (*Tursiops truncatus*) bone fragments. *Aquatic Mammals* 44: 519-528.

Đokić, M., N. Bilandžić, M. Sedak, M. Đuras, T. Gomerčić, M. Benić, T. Bolanča (2018): Manganese concentrations in tissues and skin of three dolphin species stranded in the Croatian waters of the Adriatic Sea from 1995 to 2013. *Bulletin of Environmental Contamination and Toxicology* 100: 317-323.

Hrabar, J., I. Bočina, A. Gudan Kurilj, M. Đuras, I. Mladineo (2017): Gastric lesions in dolphins stranded along the Eastern Adriatic coast. *Diseases of Aquatic Organisms* 125:125-139.

Cvetnić, Ž., S. Duvnjak, M. Đuras, T. Gomerčić, I. Reil, M. Zdelar-Tuk, S. Špičić (2016): Evidence of *Brucella* strain ST27 in bottlenose dolphin (*Tursiops truncatus*) in Europe. *Veterinary Microbiology* 196: 93-97.

Bilandžić, N., M. Đokić, M. Sedak, M. Đuras, T. Gomerčić, M. Benić (2016): Copper levels in tissues of dolphins *Tursiops truncatus*, *Stenella coeruleoalba* and *Grampus griseus* from the Croatian Adriatic Sea. *Bulletin of Environmental Contamination and Toxicology* 97: 367-373.

Duvnjak, S. S. Špičić, D. Kušar, B. Papić, I. Reil, M. Zdelar-Tuk, Ž. Pavlinec, M. Đuras, T. Gomerčić, R.S. Hendriksen, Ž. Cvetnić (2017): Whole-Genome sequence of the first sequence type 27 *Brucella ceti* strain isolated from European waters. *Genome Announcements* 5: Article number e00988-17.

Đuras, M., I. Jagar, T. Gomerčić, A. Watson, D. Škrtić, A. Galov (2016): Hip bone morphometrics of bottlenose dolphins (*Tursiops truncatus*) from Adriatic Sea: sex determination and postnatal development. *Marine Mammal Science* 32: 945-959.

Blažeković, K., I. Lepen Pleić, M. Đuras, T. Gomerčić, I. Mladineo (2015): Three *Anisakis* spp. isolated from toothed whales stranded along the eastern Adriatic Sea coast. *International Journal of Parasitology* 45:17-31.

Bilandžić, N., M. Sedak, M. Đokić, M. Đuras, T. Gomerčić, M. Benić, B. Šimić (2015): Concentration of mercury and selenium in tissues of five cetacean species from Croatian coastal waters. *Archives of Biological Sciences* 67: 1377-1389.

Šuran, J., M. Đuras, T. Gomerčić, N. Bilandžić, A. Prevendar Crnić (2015): Cadmium and lead concentrations in the tissues of bottlenose dolphins (*Tursiops truncatus*) and striped dolphins (*Stenella coeruleoalba*) stranded on the Croatian Adriatic coast. *Veterinarski arhiv* 85: 677-688.

Brzica H., K. Špiranec, I. Zečević, H. Lucić, T. Gomerčić, M. Đuras (2015): New aspects on the laryngeal anatomy of the bottlenose dolphin (*Tursiops truncatus*). *Veterinarski arhiv* 85: 211-226.

Arbanasić, H., M. Đuras, M. Podnar, T. Gomerčić, S. Čurković, A. Galov (2014): Major histocompatibility complex class II variation in bottlenose dolphin from Adriatic Sea: inferences about the extent of balancing selection. *Marine Biology* 161: 2407-2422.

Đuras, M., D. Divac Brnić, T. Gomerčić, A. Galov (2014): Craniometry of bottlenose dolphins (*Tursiops truncatus*) from the Adriatic Sea. *Veterinarski arhiv* 84: 649-666.

Bilandžić, N., M. Sedak, M. Đokić, M. Đuras Gomerčić, T. Gomerčić, M. Zadravec, M. Benić, A. Prevendar Crnić (2012): Toxic element concentrations in the bottlenose (*Tursiops truncatus*), striped (*Stenella coeruleoalba*) and Risso's (*Grampus griseus*) dolphins stranded in the Eastern Adriatic Sea. *Bulletin of Environmental Contamination and Toxicology* 89: 467-473.

Gomerčić, T., Đ. Huber, M. Đuras Gomerčić, H. Gomerčić (2011): Presence of the Mediterranean monk seal (*Monachus monachus*) in the Croatian part of the Adriatic Sea. *Aquatic mammals* 37, 243-247.

Galov, A., I. Kocijan, G. Lauc, M. Đuras Gomerčić, T. Gomerčić, H. Arbanasić, Z. Šatović, B. Šeol, S. Vuković, H. Gomerčić (2011): High genetic diversity and possible evidence of a recent bottleneck in Adriatic bottlenose dolphins (*Tursiops truncatus*). *Mammalian Biology* 76: 339-344

Vuković, S., H. Lucić, A. Živković, M. Đuras Gomerčić, T. Gomerčić, A. Galov (2010): Histological structure of the adrenal gland of the bottlenose dolphin (*Tursiops truncatus*) and the striped dolphin (*Stenella coeruleoalba*) from the Adriatic Sea. *Anatomia Histologia Embryologia* 39: 59-66.

Lucić, H., S. Vuković, V. Posavac, M. Đuras Gomerčić, T. Gomerčić, A. Galov, D. Škrtić, S. Čurković, H. Gomerčić (2010): Application of dual energy X-ray absorptiometry method for small animals in measuring bone mineral density of the humerus of bottlenose dolphins (*Tursiops truncatus*) from the Adriatic Sea. *Veterinarski arhiv* 80: 299-310.

Đuras Gomerčić, M., A. Galov, T. Gomerčić, D. Škrtić, S. Čurković, H. Lucić, S. Vuković, H. Arbanasić, H. Gomerčić (2009): Bottlenose dolphin (*Tursiops truncatus*) depredation resulting in larynx strangulation with gill-net parts. *Marine Mammal Science* 25: 392-401.

Šeol, B., M. Đuras Gomerčić, T. Naglic, T. Gomerčić, A. Galov, H. Gomerčić (2006) Isolation of *Clostridium tertium* from a striped dolphin (*Stenella coeruleoalba*) in the Adriatic Sea. *Journal of Wildlife Diseases* 42: 709-711.

Gomerčić, H., M. Đuras Gomerčić, T. Gomerčić, H. Lucić, M. Dalebout, A. Galov, D. Škrtić, S. Čurković, S. Vuković, Đ. Huber (2006): Biological aspect of Cuvier's beaked whale (*Ziphius cavirostris*) recorded in the Croatian part of the Adriatic Sea. *European Journal of Wildlife Research* 52: 182-187

Vuković, S., H. Lucić, H. Gomerčić, M. Đuras Gomerčić, T. Gomerčić, D. Škrtić, S. Čurković (2005): Morphology of the lymph nodes in bottlenose dolphin (*Tursiops truncatus*) and striped dolphin (*Stenella coeruleoalba*) from the Adriatic Sea. *Acta Veterinaria Hungarica* 53: 1-11.

Gomerčić, H., Đ. Huber, V. Gomerčić, S. Vuković, D. Škrtić, T. Gomerčić, V. Dobranić, H. Lucić, M. Đuras, S. Čurković, A. Gomerčić, Lj. Kardoš (2009): Fatty liver and subcutaneous edema in a free-living bottlenose dolphin (*Tursiops truncatus*, Montagu 1821) from the Adriatic Sea; light and electron-microscopical study. *Veterinarski arhiv* 70: 259-277.

Projects

- 2018 - 2019 "Blue project – implementing social engaged learning at the Faculty of Veterinary Medicine, University of Zagreb"
- 2015 „Morphological and genetic research on domestic and wild animals“ University of Zagreb, Croatia
- 2014 „Morphological variations and genetic diversity of domestic and wild animals“ University of Zagreb, Croatia
- 2012 „Anatomical collection of wild animals“ University of Zagreb, Croatia
- 2011 - 2013 Health and other biological characteristics of marine mammal populations of the Adriatic Sea Ministry of Science, Education and Sport, Republic of Croatia

Conferences

- participation in 28 conferences concerning marine mammals and veterinary medicine

Memberships

- since 2012 European Association of Veterinary Anatomists

Courses

- 2019 ACCOBAMS Pilot actions on marine litter monitoring in Adriatic: Workshop on ingested marine litter monitoring & entanglement evidences, 1. -2.7.2019., Chioggia, Italija.
- 2013 Dipartimento di Biomedicina Comparata e Alimentazione na Università degli Studi di Padova
- 2013 Workshop-training course aimed to improve and standardize veterinary care, surgical approaches, necropsy protocol and stranding management for cetaceans and sea turtles, Net-Cet Project, Rijeka, Croatia
- 2013 Professionalization of PhD supervision, Zagreb, Croatia.
- 2012 Veterinärmedizinischen Universität Wien, Institut für Anatomie
- 2010 7th Framework Programme (FP7) - Successful in Life Science Proposals. Zagreb, Croatia
- 2010 Marine Mammal Morphology Workshop at 24th Annual Conference of the European Cetacean Society, Stralsund, Germany.
- 2009 Ecological Modelling Workshop at 18th Biennial Conference on the Biology of Marine Mammals, Quebec City, Canada
- 2009 Conservation Medicine Workshop at 18th Biennial Conference on the Biology of Marine Mammals, Quebec City, Canada
- 2009 3rd International Cetacean Necropsy Workshop: special issue on cetaceans inner ear, including beaked whales University of Liege, Veterinary College, Liege, Belgium
- 2002 Microsatellites, mitochondrial DNA and conservative genetics: principles and applications. Zagreb, Croatia

Curriculum Vitae

Name and surname: **DRAŠKO HOLCER, PHD**
Senior Curator, Research Associate

Date of birth: 31. December 1969.

Citizenship: Croatian

Residence: Sjevernjak 2
HR-10000 Zagreb, Croatia

Office address: Department of Zoology
Croatian Natural History Museum
Demetrova 1, HR-10000 Zagreb, Croatia
Phone: +385 1 4851700
Mobile: +385 91 4637424
E-mail: Drasko.Holcer@hpm.hr
<https://orcid.org/0000-0002-7989-0936>

SCIENTIFIC INTERESTS AND EXPERTISE:

My research interests are primarily focused on cetaceans and other large marine vertebrates (sea turtles and cartilaginous fish), their biology and ecology, social organisation, population genetics, abundance estimates, critical habitat identification, distribution modelling, threats and population management and conservation. My current research activities are carried out locally through boat-based surveys on the resident populations of bottlenose dolphins (Croatia, Montenegro, Albania, Italy) and through aerial surveys of the Adriatic Sea, on the basin-wide scale.

I am also active in training of Cetacean researchers and engaged in conservation awareness raising.

Education, Scientific and Professional Vocation

2012	Research associate Elected to scientific position by National Science Council, Republic of Croatia
2007 – 2012	Ph.D. in Ecology Ecology of the common bottlenose dolphin, <i>Tursiops truncatus</i> (Montagu, 1821) in the Central Adriatic Sea University of Zagreb, Faculty of Science <i>Conservation Biology</i>

Population Ecology
Biodiversity
GIS & habitat modelling
Toxicology & biomarkers
Trophic position and Stable isotopes

2008 **Senior Museum Curator**

Elected to senior position by National Museum Council, Ministry of Culture Republic of Croatia

2002 **Museum Curator**

State qualifying exam, Museum Documentation Centre, Croatia

Constitution and laws
Museology
Museography
Museum documentation
Museum pedagogy

1989 – 1995 **M.Sc. in Biology and Ecology**

University of Zagreb, Faculty of Science, Division of Biology

Biology and Ecology
Botany and Zoology
Biodiversity
Genetics and Evolution
Chemistry and Biochemistry
Statistics

1994 **Module 1 in Environmental Sciences and Policy M.Sc.**

Central European University, Budapest, Hungary

Introduction to Environmental Sciences
Environment and Environmental Management
Environmental Law, Policy & Society

WORK EXPERIENCE

2008 - present Senior Curator

Croatian Natural History Museum, Dept. Zoology, Demetrova 1, 10000 Zagreb, Croatia

Development and application of Museum collections management policies

Marine Invertebrates Collections management (collecting, organizing, preserving and displaying)

Museum Database management and development

Scientific research (marine biodiversity)

Public talks, visitors guide, students mentoring

Development of museum (temporary and permanent) exhibitions

Development and management of EU/internationally funded national and regional projects

Development of Citizen science activities

Business or sector: Museum/Public institution

2000 - 2019	<p>Senior Researcher, President</p> <p>Blue World Institute of Marine Research and Conservation, Kaštel 24, 51551 Veli Lošinj, Croatia</p> <p><i>As president</i></p> <p>Creating organizations vision, plans and policies, building partnerships and engaging community</p> <p>Leading and managing the organization, developing financial and fundraising activities, human resources management</p> <p><i>As researcher</i></p> <p>Developing and leading fields research studies, management of long term research programs</p> <p>Application of national and international (EU) biodiversity research and conservation policies</p> <p>Specialist in large marine vertebrates research, conservation, monitoring and management</p> <p>Specialist in application of Habitat directive to the Adriatic marine environment and the establishment of the Natura 2000 network</p> <p>Specialist in development of Good Environmental Status (GES) indicators and monitoring activities under MSFD (national and international monitoring programs)</p> <p>Specialist knowledge in GIS and Marine Spatial Planning</p> <p>Development and management of local and regional (Adriatic + Ionian) surveying, monitoring and conservation initiatives and projects</p> <p>University teaching and students mentoring</p> <p>Business or sector: Independent Research Organisation</p>
2006 - 2008	<p>Museum Curator</p> <p>Croatian Natural History Museum, Dept. Zoology, Demetrova 1, 10000 Zagreb, Croatia</p> <p>Marine Invertebrates Collection care and management</p> <p>Database management and development</p> <p>Scientific research (marine biodiversity)</p> <p>Public talks, visitors guide, students mentoring</p> <p>Development of museum exhibitions</p> <p>University teaching and students mentoring</p> <p>Business or sector: Museum/Public institution</p>
1996 - 2006	<p>Researcher</p> <p>Croatian Natural History Museum, Dept. Zoology, Demetrova 1, 10000 Zagreb, Croatia</p> <p>Developing and carrying out field research studies of coastal and marine ecosystems and species, particularly small mammals, bats and cetaceans</p> <p>Collecting and preserving material for collections</p> <p>Developing of museum temporary exhibitions</p> <p>Public talks, visitors guide, students mentoring</p> <p>Development of museum LAN and Intranet, databases and website</p> <p>Business or sector: Museum/Public institution</p>

1995 - 1996	Croatian national television, expert collaborator
1995 - 1996	Croatian Information Service for Biodiversity and Croatian Information Service for Environment, Ministry of Science and Technology of the Republic of Croatia and Faculty of Sciences, Zagreb, Croatia, expert collaborator for development
1993	Croatian Natural History Museum, conservation of natural history collections

ADJUNCT APPOINTMENTS

2019 - present **Acting Director**

Marine Institute, Kaštel 24, HR-51551 Veli Lošinj, Croatia

Establishing the Institute, creating organizations vision, plans and policies, building partnerships and engaging community

Leading and managing the organization, developing financial and fundraising activities, human resources management

Business or sector: Public/Private Organisation

PERSONAL SKILLS

Mother tongue(s)	Croatian
Other language(s)	English - C2 Proficient user (Common European Framework of Reference for Languages)

Communication skills

Good verbal and written communication skills obtained through lecturing, public appearances and scientific and expert conferences, meetings and exchange

Able to relate to co-workers and inspire others to participate, mitigate conflicts and convey information in a professional manner

Ability to adapt and interact with persons of different cultural background or personality types

Organisational / managerial skills

Good leadership and management skills (currently responsible for a team of 10 people)

Competent in management of human and technical resources and (research) project coordination

Strong planning and organisational skills (organisation of number of congresses, workshops, meetings, events; assigning roles and duties for different projects; managing responsibilities, etc.)

Job-related skills

Highly motivated

Adaptable

Responsible

Computer skills

Advanced MS Office user

Proficient photo and video specialist software user (Adobe Photoshop, InDesign, Lightroom, Premiere)

Proficient GIS specialist software user (ESRI ArcGIS)

Proficient in web development and design

Good knowledge of database development

Technical skills and competences

Experienced in boat and aerial field surveys

Competent with use of specialised research equipment (ultrasound detectors, biopsy crossbow, satellite and VHF telemetry, acoustic equipment, drones)

Competent with photo and video equipment use

Other skills

International scientific journals articles reviewer

International research projects reviewer

Consultant on issues related to nature conservation and management (*ACCOBAMS Monaco, RAC/SPA Tunis, Croatian parliamentary representatives, State institute for nature conservation Zagreb, Ministry of Culture of the Republic of Croatia, Natural History Museum of Rijeka, City of Split*)

Pro- Marine mammal observer, JNCC licensed, Gardline Environmental Ltd., UK

Videography and documentary films production

Driving licence

B category driving licence

B category boat leader licence

Professional Recognition:

Plenary and invited lectures

- Holcer, D. (2019). Cetaceans in the Adriatic sea. Workshop: Meeting between Croatia, Italy, Slovenia and the Commission on the designation of marine Natura 2000 sites in the Adriatic Sea for the loggerhead turtle and the bottlenose dolphin., DG Environment, DG Maritime Affairs and Fisheries, Zagreb, Croatia, 6 March 2019. Invited expert on Cetaceans and sea turtles. Presented by: Holcer, D.
- Holcer, D., Miočić-Stošić, J., Vuljanko, D. and Brezinščak, R. (2019). LIFE Euroturtles - updated results and experiences. Conference: LIFE Conference Zagreb, Croatian Ministry of the Environment and Energy, Zagreb, Croatia, 12. February 2019. Invited speaker, panelist. Presented by: Holcer, D. and Miočić-Stošić, J.
- Fortuna, C. M., Holcer, D., Mackelworth, P. and Lazar, B. (2018). Introducing multi-species approach to conservation of marine megafauna beyond borders: the Adriatic case-study. . Conference: 6th Mediterranean Conference of Marine Turtles, Department of Biodiversity, Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska & Blue World Institute of

Marine Research and Conservation, Poreč, Croatia, 16 – 19 October 2018. Plenary lecture. Presented by: Fortuna, C. M.

- Holcer, D. (2018). Preliminary data on *Grampus griseus* in the Adriatic. Workshop: Mediterranean Grampus Project 2.0 - Improving knowledge and conservation of the Mediterranean population of Risso's dolphins through effective partnerships, 32nd European Cetacean Society Conference, La Spezia, Italy, 6-10 April 2018. Invited speaker. Presented by: Lanfredi, C.
- Holcer, D. (2017). LIFE Euroturtles - Collective actions for improving the conservation status of the EU sea turtle populations. Conference: The European day for nature protection „the European Natura 2000 day“ - Celebrating the 25th Anniversary of the LIFE Programme and of the Habitats Directive and Natura 2000 Network, Blue World Institute and Croatian Natural History Museum, Mali Lošinj, Croatia, 26 May 2017. Invited speaker. Presented by: Holcer, D.
- Holcer, D. (2017). LIFE Euroturtles project presentation. Meeting: INFO dan – Program LIFE, LIFE national contact point, Ministry of Environment and Energy, Croatia, Zagreb, Croatia, 21. Mar 2017. Invited speaker. Presented by: Holcer, D.
- Holcer, D. (2017). Cetaceans and sea turtles of the Adriatic – the next step. Workshop: Breaking the Surface – international interdisciplinary field workshop of maritime robotics and applications, Laboratory for Underwater Systems and Technologies, Faculty of Electrical Engineering and Computing, University of Zagreb, Biograd na moru, Croatia, 4 Oct 2017. Invited speaker. Presented by: Holcer, D.
- Notarbartolo di Sciarra, G. and Holcer, D. (2017). Cetacean diversity and the concept of Important Marine Mammal Areas (IMMAs) in the southeastern part of the Mediterranean Workshop on mitigating the impact of underwater noise on marine biodiversity with specific focus on seismic surveys in the southeastern European waters in the Mediterranean Sea, Oceancare and NRDC, Split, Croatia, 22 - 23 November 2017. Invited speaker. Presented by: Holcer, D.
- Holcer, D., Fortuna, C. M. and Mackelworth, C. P. (2014). Out of sight, out of mind - have we neglected the importance of Adriatic pelagic habitat and species? Towards 2020. Adriatic Sea, Ionian Sea and the "Aichi targets", Silvi (Te), Italy. Invited speaker. Presented by: Holcer, D.
- Fortuna, C. M., Wiemann, A., Mackelworth, P., Holcer, D., Rako, N., Lazar, B. and Hammond, P. S. (2006). The north-eastern Adriatic bottlenose dolphin population: current conservation status and future research needs Cetaceans, Sea Turtles and Sharks of the Adriatic Sea, Cattolica, Italy, 26. – 28. 10. 2006. Plenary lecture. Presented by: Fortuna, C.

Editorial boards of scientific journals

- ☐ Member of the editorial board, international journal „Natura Croatica“ (publisher: Croatian Natural History Museum, Zagreb)

Committee memberships & expert services

☐

- ☐ Member of the Scientific Committee, Conference “Adriatic Biodiversity Protection”, Kotor, Montenegro, 7–10 April 2019.

Organising & Steering Committee member, 6th Mediterranean Conference on Marine Turtles, Poreč, Croatia, 16 – 19 October 2018.

Management Committee Member of the COST (European Cooperation in Science and Technology) Action CA15121 “MarCons - Advancing marine conservation in the European and contiguous seas”, 2016-2020.

- ☐ Vice-chair of the Follow up Committee of the Agreement on the Conservation of Cetaceans in the Black Sea, Mediterranean Sea and contiguous Atlantic area (2014-2019).

Member Alternate of the Scientific Committee of Agreement on Conservation of Cetaceans of the Mediterranean, Black sea and contiguous Atlantic region (ACCOBAMS) (2014-2016, 2017-2019).

Management Committee Member of the COST (European Cooperation in Science and Technology) Action IS1403 "Oceans Past Platform", 2014-2018.

- ☐ Member of the Joint Noise Working Group - CMS/ASCOBANS/ACCOBAMS (2011-2017)
- ☐ Member of expert group for organization of the national stranding network for large marine vertebrates (State Institute for Nature Protection of Croatia, 2010-2011)
- ☐ Member of the Scientific Committee of Agreement on Conservation of Cetaceans of the Mediterranean, Black sea and contiguous Atlantic region (2007- 2013)
- ☐ Member of the Croatian national committee for EXPO 2005, Japan (2004-2005)
- ☐ Leader of the training course for NETCET Partners on Cetacean survey methods in Montenegro, Albania and Italy (2012-2013)
- ☐ Member of expert group for elaboration of potential at-sea NATURA 2000 sites (State Institute for Nature Protection of Croatia, 2008-2009)

Project coordinator of Acoustic Monitoring of the southern Adriatic using High-frequency Acoustic Recording Packages (HARPs), Texas A&M University, Galveston, Croatian Natural History Museum & Blue World Institute.

Expert for development of Good Environmental Status Indicators and monitoring program for marine mammals and sea turtles in Croatia under Marine Strategy Framework Directive, 2014., Institute for oceanography and fisheries.

Expert for development of the reports under Habitat Directive and Marine Strategy Framework Directive, 2019, Ministry of the Environment and Energy, Institute for oceanography and fisheries.

Cruise leader in the Adriatic and Thyrranian sea of ACCOBAMS Aerial Survey Initiative, ASI/08/2018/LB6402. 2. July 2018 -28. July 2018

Marine mammals International sectoral expert for development of thematic monitoring programme for Ecological Objective 1: Biodiversity related to Marine mammals under National Integrated Monitoring and Assessment Programme for Albania and Montenegro and Implementation of Ecosystem Approach in the Adriatic Sea through Marine Spatial Planning, 04_2018 SPA/RAC. 7. November 2018. -30 June 2019

Eastern Adriatic coordinator and survey team member Adriatic Aerial survey, ISPRA and Blue World Institute, 2010

Adriatic Aerial survey coordinator for eastern Adriatic and survey team member, NETCET Project, ISPRA and Blue World Institute, 2013

Survey leader & coordinator, Adriatic Aerial survey, LIFE Euroturtles project, Croatian Natural History Museum and Blue World Institute, 2019

Symposiums and Expert Meetings:

2019

- LIFE Conference. Ministry of Environment and Energy of the Republic of Croatia, 12 February 2019, Zagreb, Croatia.
- Meeting between Croatia, Italy, Slovenia and the Commission on the designation of marine Natura 2000 sites in the Adriatic Sea for the loggerhead turtle and the bottlenose dolphin. Organiser: DG Environment, DG Maritime Affairs and Fisheries, 6 March 2019, Zagreb, Croatia.
- Adriatic Biodiversity Conservation – AdriBioPro2019. Institute of Marine Biology, University of Montenegro & Center for Adriatic Biodiversity Conservation, 7-10 April 2019, Kotor, Montenegro.
- LIFE Euroturtles on EU Open day. Organiser: EU DG Environment, 4. May 2019, EU Headquarters, Bruxeles.

- LIFE Euroturtles monitoring visit. Organiser: UPR & CNHM, 13 - 14 May 2019, Koper, Slovenia.

2018

- MUVI 07: museums-video-film, MUVI 07 / 2018 MUVI LAB. Museum Documentation Centre, 6 -7 December 2018, Zagreb, Croatia.
- 13th Croatian Biological Congress with International Participation. Croatian Biological Society, 19 - 23 September 2018, Poreč, Croatia.
- The Sixth Mediterranean Conference on Marine Turtles. Department of Biodiversity, Faculty of Mathematics, Natural Sciences and Information Technologies, University of Primorska & Blue World Institute of Marine Research and Conservation, 16 – 19 October 2018, Poreč, Croatia.
- Marine protected areas - legal framework for establishment and management. Organiser: Directorate for expert support to development of agriculture and fisheries, Ministry of agriculture of the Republic of Croatia, 20. February 2018, Poreč, Croatia.
- ACCOBAMS Aerial survey initiative aerial observers workshop. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 23-28 May 2018, Cuers, France.
- The second meeting of the ACCOBAMS Follow-up Committee. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 12-13 March 2018, Monte Carlo, Monaco.
- Program LIFE – odgovor na okolišne i klimatske izazove. Organiser: LIFE national contact point, Ministry of Environment and Energy, Croatia, 2 Feb 2018, Zagreb, Croatia.
- LIFE Euroturtles partners meeting. Organiser: CNHM & UPR, 20-21. October 2018, Poreč, Croatia.

2017

- 37th International Symposium on Biology and Conservation of Sea Turtles 14 – 20 April 2017, Las Vegas, USA.
- ACCOBAMS Survey Initiative Contact group meeting for the Adriatic. Organiser: ACCOBAMS Secretariat, 6 Jun 2017, Rome, Italy.
- Workshop on Cetacean density models in the Mediterranean. Organiser: Duke Marine Geospatial Ecology Laboratory, 12 - 13 Dec 2017, Nice, France.
- COST Action Oceans Past Platform CA IS1403 Management Committee meeting. Organiser: COST Action Oceans Past Platform, 19 May 2017, Sesimbra, Portugal.
- COST Action MarCons Workgroup 5 Regional coordination and transboundary conservation workshop. Organiser: COST Action MarCons and Croatian Natural History Museum, 12 - 13 Apr 2017, Zagreb, Croatia.
- Oceans Past VI Conference - Historical Perspectives on the Elements and Dynamics of the Marine Socio-Ecological System. COST Action Oceans Past Platform CA IS1403 and International Council for the Exploration of the Sea, 16-18 May 2017, Sesimbra, Portugal.
- Fisheries management measures in Natura 2000 sites in the Mediterranean Sea. Organiser: DG Environment, DG Maritime Affairs and Fisheries, 10-12 October 2017, Zadar, Croatia.
- Breaking the Surface – international interdisciplinary field workshop of maritime robotics and applications. Laboratory for Underwater Systems and Technologies, Faculty of Electrical Engineering and Computing, University of Zagreb, 1-8 October 2017, Biograd na moru, Croatia.
- Workshop on mitigating the impact of underwater noise on marine biodiversity with specific focus on seismic surveys in the southeastern European waters in the Mediterranean Sea. Organiser: Oceancare and NRDC, 22 - 23 November 2017, Split, Croatia.
- 22nd Biennial Conference on the Biology of Marine Mammals. Society for Marine Mammalogy, 23-27 October 2017, Halifax, Nova Scotia, Canada.
- COST Action MarCons CA 15121 - 3rd Management Committee Meeting & WG1-5 meeting. Organiser: University of Lisbon, Faculty of Sciences, 12-13 October 2017 Lisbon, Portugal.
- LIFE Euroturtles partners meeting. Organiser: Oceanography Centre, University of Cyprus and Department of Fisheries and Marine Research Ministry of agriculture and environment of Cyprus, 26-28 Sep 2017, Larnaca, Cyprus.

2016

- The first meeting of the ACCOBAMS Follow-up Committee. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 2 March 2016, Monte Carlo, Monaco.
- COST Action MarCons CA 15121 - 1st Management Committee Meeting. Organiser: COST Action MarCons, 1 June 2016, Brussels, Belgium.
- COST Action MarCons CA 15121 - 2nd Management Committee Meeting & 1st WG1-5 meeting. Organiser: COST Action MarCons and Croatian Natural History Museum, 13-4 October 2016, Zagreb, Croatia.
- AdriaticPlus - Decision Support Tool 'Marxan' in multi-objective Marine Spatial Planning in the Adriatic. Organiser: Blue World Institute, 4-9 September 2016 Veli Lošinj, Croatia.
- Delivering EUSAIR: Time to Invest. Organiser: 14th European Week of Regions and Cities, 12 October 2016, Brussels, Belgium.
- The ADRIATIC+ project Policy Brief Conference Organiser: Marche Region Representation, 12 October 2016, Brussels, Belgium.
- 1st Important Marine Mammal Areas Workshop. IUCN Marine Mammal Protected Areas Task Force, 24-28 October 2016, Chania, Greece.

2015

- 35th International Symposium on Sea Turtle Biology and Conservation. International Sea Turtle Society, 19-24 April 2015, Dalaman, Mugla, Turkey.
- Network for the Conservation of Cetaceans and Sea Turtles in the Adriatic - NETCET project final conference. City of Venice, 3-4 December 2015, Venice, Italy.
- 12th Croatian Biological Congress. Croatian Biological Society, 18 - 23 September 2015, Sveti Martin na Muri, Croatia.

2014

- 65th meeting of the IWC Scientific Committee. International Whaling Commission, 12 - 24 May 2014, Bled, Slovenia.
- Towards 2020. Adriatic Sea, Ionian Sea and the "Aichi targets". MPA Torre del Cerrano, 2. - 4. June 2014., Silvi (Te), Italy.
- Svečano obilježavanje 140. obljetnice Zoologijskog zavoda Biološkog odsjeka Prirodoslovno matematičkog fakulteta Sveučilišta u Zagrebu. Organiser: Biološkog odsjeka Prirodoslovno matematičkog fakulteta Sveučilišta u Zagrebu, 23 September 2014, Zagreb, Croatia.
- 28th Annual Conference of the European Cetacean Society. European Cetacean Society, 5 - 9 April 2014, Liege, Belgium.
- Mediterranean Regional Workshop to Facilitate the Description of Ecologically or Biologically Significant Marine Areas (EBSAs). Organiser: Convention on Biological Diversity, 7-12 April 2014, Málaga, Spain.

2013

- 3rd International Conference on the Effects of Noise on Aquatic Life. Arthur N. Popper USA & Tony Hawkins UK, 11 - 16 August 2013, Budapest, Hungary.

2012

- The eighth meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 13-15 November 2012, Monte Carlo, Monaco.
- 11th Croatian Biological Congress. Croatian Biological Society, 16 - 21 September 2012, Šibenik, Croatia.

2011

- 63rd Meeting of the IWC Scientific committee. Organiser: International Whaling Commission, 30 May – 11 June 2011 Tromsø, Norway.
- 7th Meeting of the ACCOBAMS Scientific committee. Organiser: ACCOBAMS, 29 - 31 March 2011, Monte Carlo, Monaco.

- The seventh meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 29-31 March 2011, Monte Carlo, Monaco.
- MPAs and highly mobile species in the Adriatic: the need for common shared policies in the management of human activities, 2011.

2010

- 3rd International Workshop on Biodiversity in the Adriatic: Towards a representative network of MPAs in the Adriatic. Institute of the Republic of Slovenia for Nature Conservation & UNEP MAP Regional Activity Centre for Specially Protected Areas, 28–29 October 2010, Piran, Slovenia.
- The sixth meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 11-13 January 2010, Casablanca, Morocco.
- The fourth meeting of the Parties to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 9-12 November 2010, Monaco.

2009

- 61st meeting of the IWC Scientific Committee. International Whaling Commission, 22-26 June 2009, Madeira, Portugal.
- 10th Croatian Biological Congress. Croatian Biological Society, 14 - 20 September 2009, Osijek, Croatia.
- 2nd International Marine Conservation Congress (IMCC). Marine Section of the Society for Conservation Biology, 20-24 May 2009, Washington D.C., USA.
- Governance of Marine Protected Areas – getting the balance right. Organiser: Blue World Institute, University College London, and Dalhousie University, Canada and UNEP Marine Ecosystem Unit (Division for Environmental Policy Implementation), 12-16 October 2009, Mali Lošinj, Croatia.
- 2nd European Congress of Conservation Biology. European Section of the Society for Conservation Biology (SCB-ES) 01 - 05 September 2009, Prague, Czechia.

2008

- The fifth meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 17-19 April 2008, Rome, Italy.
- 22nd conference of the European Cetacean Society. European Cetacean Society, 10 -12 March 2008, Egmond aan Zee, Netherlands.
- Gli effetti delle attività antropiche in mare, sulla costa e nell'entroterra sulla biodiversità dell'Alto Adriatico. Institute of the Republic of Slovenia for Nature Conservation, 7-8 October 2008, Piran, Slovenia.

2007

- The third meeting of the Parties to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 22-25 October 2007 Dubrovnik, Croatia.
- 21st Conference of the European Cetacean Society. European Cetacean Society, 22-25 April 2007, San Sebastian, Spain.

2006

- 20th Conference of the European Cetacean Society. European Cetacean Society, 3-6 April 2006, Gdynia, Poland.
- 1st European Congress of Conservation Biology. European Section of the Society for Conservation Biology (SCB-ES) 22 - 26 August 2006, Eger, Hungary.
- 9th Croatian Biological Congress. Croatian Biological Society, 23 - 29 September 2006, Rovinj, Croatia.
- Cetaceans, sea turtles and sharks of the Adriatic Sea. AdriaWatch, Acquario di Cattolica, 27-28 October 2006, Cattolica (RN), Italy.

- The fourth meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 5-8 November 2006, Monte Carlo, Monaco.

2005

- 16th Biennial Conference on the Biology of Marine Mammals. Society for Marine Mammalogy, 12-16 December 2005, San Diego, USA.
- 19th Conference of the European Cetacean Society. European Cetacean Society, 2-7 April, 2005, La Rochelle, France.

2004

- The second meeting of the Parties to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 9-12 November 2004, Palma de Mallorca, Spain.

2003

- 8th Croatian Biological Congress. Croatian Biological Society, 27 September - 2 October 2003, Zagreb, Croatia.
- 15th Biennial Conference of the Society of Marine Mammalogy. Society for Marine Mammalogy, 14-19 December 2003, Greensboro, North Carolina, USA.
- 12th International Conference on Mediterranean cetaceans, 15.11.2003, Antibes, France.
- 17th Annual Conference of the European Cetacean Society. European Cetacean Society, 9-13 March 2003, Las Palmas, Spain.
- The second meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 20-22 November 2003, Istanbul, Turkey.

2002

- The first meeting of the Scientific committee to ACCOBAMS. Organiser: Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and Contiguous Atlantic Area, 3-5 October 2002, Tunisia, Tunis.
- 16th Conference of the European Cetacean Society. European Cetacean Society, 8-10 April 2002, Liège, Belgium.

2001

- 14th Biennial Conference of the Society of Marine Mammalogy. Society for Marine Mammalogy, 28 November – 3 December 2001, Vancouver, Canada.
- 15th Conference of the European Cetacean Society. European Cetacean Society, 6-10 May, 2001, Rome, Italy.

2000

- Co-ordination/training Workshop on the monitoring of Cetacean stranding in Mediterranean. UNEP/MAP - RAC/SPA, 2000, France.

1999

- 13th Annual conference of the European Cetacean Society. European Cetacean Society, 5-8 April 1999, Valencia, Spain.

1997

- 17th International Symposium on Sea Turtle Biology and Conservation. International Sea Turtle Society, 4-8 March 1997, Orlando, Florida, USA.

1996

- Symposium in occasion of 150th anniversary of foundation of the Croatian National Museum in Zagreb : 1846-1996. Archaeological Museum, Croatian History Museum, Croatian Natural History Museum, 12-14 November 1996.

1995

- Symposium in honour to Zdravko Lorković. Croatian Natural History Museum, 6 - 8 November 1995, Zagreb, Croatia.

1994

- 5th Congress of biologists of Croatia. Croatian Biological Society, 3 - 7 October 1994, Pula, Croatia.
- 8th Annual conference of the European Cetacean Society. European Cetacean Society, 2-5 March 1994, Montpellier, France.

1993

- The Natural History Research of Biokovo Area. Croatian Ecological Society, 11-16 October 1993, Makarska, Croatia.

1987

- 3rd Congress of biologists of Croatia. Croatian Biological Society, 5 – 10 October 1987, Mali Lošinj, Croatia.

Projects

Current

“Collective Actions for Improving the Conservation Status of the EU Sea Turtle Populations - LIFE EUROTURTLES”, EU LIFE+, 2016-2021 – Project coordinator (5.2 mil Eur, 6 countries, 9 partner organisations) – project coordinator

“Implementation of the Ecosystem Approach in the Adriatic Sea through Marine Spatial Planning”, expert for development of Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast (IMAP): EO1 Biodiversity for Montenegro and Albania, RAC/SPA Tunis, 2019 - Marine mammals International sectoral expert

“Common bottlenose dolphin habitat and threats in the Adriatic sea”, data review and analysis for national reporting under EU Habitat Directive, Croatian Agency for Environment and Nature, 2019.

“SOUNDSCAPE: Soundscapes in the North Adriatic Sea and their impact on marine biological resources”, EU CBC Programme Interreg Italy-Croatia, 2019-2021, expert associate

“ECOSS – Ecological Observing System in the Adriatic Sea: oceanographic observations for biodiversity”, EU CBC Programme Interreg Italy-Croatia, 2019-2021

„marGnet: Mapping and recycling of marine litter and Ghost nets on the sea-floor“, the European Maritime and Fisheries Fund, Sustainable Blue Economy, 2019-2022

Previous

“ACCOBAMS Survey Initiative”, The Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and contiguous Atlantic area (ACCOBAMS), Adriatic and Tyrrhenian sea survey leader, 2018

“Sharing Marine and Coastal cross management experiences in the Adriatic basin – Adriatic+”, EU IPA Adriatic CBC, 2016

“Network for the Conservation of Cetaceans and Sea Turtles in the Adriatic”, EU IPA Adriatic CBC, 2012-2015

“Consulting Services for Nature Interpretation and Communication”. EU Natura 2000 Integration Project (IBRD Loan No. 8021-HR)” Ministry of Environmental and Nature Protection, 2012-2014

„The first aerial survey of abundance of Cetaceans in the Adriatic “, Italian National Institute for Environmental Protection and Research, Blue World Institute of Marine Research and Conservation, Croatian Natural History Museum, 2010

'NGO capacity building for the implementation of Natura 2000 priority actions', EU PHARE 2006 National Program, 2008-2009

“Ecology of bottlenose dolphins in Central Adriatic”, Blue World Institute, 2007 - present

“Conservation and Sustainable Use of Biodiversity in the Dalmatian Coast (COAST)”, UNDP/GEF World Bank, 2007-2013

'Strengthening the civil society sector for marine protection in Croatia', EU CARDS 2004 National Program, 2007-2008

“Biology of Croatian endangered and endemic species”, Ministry of Science of Republic of Croatia, Croatian Natural History Museum, 2007-2014

“Increased biodiversity protection and coastal conservation in Croatia’s Kornati archipelago” - Institute for Marine Resources & Ecosystem Studies, Den Burg, Netherlands – Dutch BBI-Matra, 2006-2007

“Karst ecosystem conservation project”, GEF/World Bank, Ministry of Culture, Croatian Natural History Museum, 2002-2007

“Biology of endangered habitats indicator species”, Ministry of Science of Republic of Croatia, Croatian Natural History Museum, 2002-2006

“Dinaric Alps rare habitats and species conservation project Croatia” - Royal Dutch Society For Nature Conservation/ Croatian Natural History Museum - Dutch PIN-Matra program, 2004-2006

“Terrestrial Fauna of Croatia”, Ministry of Science of Republic of Croatia, Croatian Natural History Museum, 2002-2004

“Fauna of Croatian Adriatic Islands”, Ministry of Science of Republic of Croatia, Croatian Natural History Museum, 1997-2002

“Potential loggerhead sea turtle (*Caretta caretta*) nesting beaches along the southern coast of Croatia” UNEP-RAC/SPA - Croatian Natural History Museum, 1997

University Teaching

Graduate-level courses

Guest lecturer – University of Pula, Croatia - Marine mammals

Guest lecturer – University of Primorska, Koper, Slovenia – Surveys of animal abundance

Guest lecturer – University of Zagreb, Faculty of Sciences – Cetaceans

Doctoral-level courses

☐ Guest lecturer – International School of Conservation Biology, 2012, Rovinj, doctoral summer school, accredited by the University of Zagreb

Guest lecturer – International School of Conservation Biology, 2005, Veli Lošinj, doctoral summer school, accredited by the University of Zagreb

Mentorship of PhD and post-doc students

- ☐ Grgur Pleslić, PhD candidate (in progress): mentor of doctoral dissertation in population ecology of bottlenose dolphins – University of Zagreb, Croatia

Membership in professional societies:

- ☐ Croatian Biological Society
- ☐ Croatian Ecological Society
- ☐ Marine Mammal Society
- ☐ European Cetacean Society
- ☐ International Sea Turtle Society
- ☐ Natura - Society for the Nature Protection of Croatia (President 2003-2009)

List of publications

Original scientific papers indexed in Current Content and SCI journals:

1. Cañadas, A., Aguilar de Soto, N., Aissi, M., Arcangeli, A., Azzolin, M., B-Nagy, A., Bearzi, G., Campana, I., Chicote, C., Cotte, C., Crosti, R., David, L., Di Natale, A., Fortuna, C., Frantzis, A., Garcia, P., Gazo, M., Gutierrez-Xarxa, R., Holcer, D., Laran, S., Lauriano, G., Lewis, T., Moulins, A., Mussi, B., Notarbartolo di Sciara, G., Panigada, S., Pastor, X., Politi, E., Pulcini, M., Raga, J. A., Rendell, L., Rosso, M., Tepsich, P., Tomás, J., Tringali, M. and Roger, T. (2018). The challenge of habitat modelling for threatened low density species using heterogeneous data: The case of Cuvier's beaked whales in the Mediterranean. *Ecological Indicators* 85: 128-136 DOI: <https://doi.org/10.1016/j.ecolind.2017.10.021>.
2. Fortuna, C. M., Cañadas, A., Holcer, D., Brecciaroli, B., Donovan, G. P., Lazar, B., Mo, G., Tunesi, L. and Mackelworth, P. C. (2018). The coherence of the European Union marine Natura 2000 network for wide-ranging charismatic species: A Mediterranean case study. *Frontiers in Marine Science* 5(356) DOI: <https://doi.org/10.3389/fmars.2018.00356>. [IF = 3,582; SJR: Q1 (Aquatic Science), Q1 (Oceanography), Q1 (Ocean Engineering), Q1 (Water Science and Technology)]
3. Frascchetti, S., Pipitone, C., Mazaris, A. D., Rilov, G., Badalamenti, F., Bevilacqua, S., Claudet, J., Carić, H., Dahl, K., D'Anna, G., Daunys, D., Frost, M., Gissi, E., Göke, C., Goriup, P., Guarnieri, G., Holcer, D., Lazar, B., Mackelworth, P., Manzo, S., Martin, G., Palialexis, A., Panayotova, M., Petza, D., Rumes, B., Todorova, V. and Katsanevakis, S. (2018). Light and Shade in Marine Conservation Across European and Contiguous Seas. *Frontiers in Marine Science* 5 DOI: <http://doi.org/10.3389/fmars.2018.00420>. [IF = 3,582; SJR: Q1 (Aquatic Science), Q1 (Oceanography), Q1 (Ocean Engineering), Q1 (Water Science and Technology)]
4. Mannocci, L., Roberts, J. J., Halpin, P. N., Authier, M., Boisseau, O., Bradai, M. N., Cañadas, A., Chicote, C., David, L., Di-Méglio, N., Fortuna, C. M., Frantzis, A., Gazo, M., Genov, T., Hammond, P. S., Holcer, D., Kaschner, K., Kerem, D., Lauriano, G., Lewis, T., Sciara, G. N. d., Panigada, S., Raga, J. A., Scheinin, A., Ridoux, V., Vella, A. and Vella, J. (2018). Assessing cetacean surveys throughout the Mediterranean Sea: a gap analysis in environmental space. *Scientific Reports* 8(1): 3126 DOI: <http://doi.org/10.1038/s41598-018-19842-9>.
5. Authier, M., Commanducci, F. D., Genov, T., Holcer, D., Ridoux, V., Salivas, M., Santos, M. B. and Spitz, J. (2017). Cetacean conservation in the Mediterranean and Black Seas: Fostering transboundary collaboration through the European Marine Strategy Framework Directive. *Marine Policy* 82: 98-103 DOI: <https://doi.org/10.1016/j.marpol.2017.05.012>.
6. Rako-Gospić, N., Radulović, M., Vučur, T., Pleslić, G., Holcer, D. and Mackelworth, P. (2017). Factor associated variations in the home range of a resident Adriatic common bottlenose dolphin population. *Marine Pollution Bulletin* 124(1): 234-244 DOI: <http://doi.org/10.1016/j.marpolbul.2017.07.040>.

7. Picciulin, M., Sebastianutto, L., Fortuna, C. M., Mackelworth, P., Holcer, D. and Rako Gospić, N. (2016). Are the 1/3-octave band 63- and 125-Hz noise levels predictive of vessel activity? The case in the Cres-Lošinj archipelago (Northern Adriatic Sea, Croatia). The effects of noise on aquatic life II, *Advances in experimental medicine and biology*: 821-828 DOI: https://doi.org/10.1007/978-1-4939-2981-8_101.
8. Gaspari, S., Scheinin, A., Holcer, D., Fortuna, C. M., Natali, C., Genov, T., Frantzis, A., Chelazzi, G. and Moura, A. E. (2015). Drivers of population structure of the bottlenose dolphin (*Tursiops truncatus*) in the Eastern Mediterranean Sea. *Journal of Evolutionary Biology* 42(2): 177-190 DOI: <http://doi.org/10.1007/s11692-015-9309-8>.
9. Fortuna, C. M., Kell, L., Holcer, D., Canese, S., Filidei, E., Mackelworth, P. and Donovan, G. (2014). Summer distribution and abundance of the giant devil ray (*Mobula mobular*) in the Adriatic Sea: Baseline data for an iterative management framework. *Scientia Marina* 78(2): 227-237 DOI: <http://doi.org/10.3989/scimar.03920.30D>.
10. Herceg Romanić, S., Holcer, D., Lazar, B., Klinčić, D., Mackelworth, P. and Fortuna, C. M. (2014). Organochlorine contaminants in tissues of common bottlenose dolphins *Tursiops truncatus* from the northeastern part of the Adriatic Sea. *Environmental Toxicology and Pharmacology* 38(2): 469-479 DOI: <http://doi.org/10.1016/j.etap.2014.07.017>.
11. Gaspari, S., Holcer, D., Mackelworth, P., Fortuna, C., Frantzis, A., Genov, T., Vighi, M., Natali, C., Rako, N., Banchi, E., Chelazzi, G. and Ciofi, C. (2013). Population genetic structure of common bottlenose dolphins (*Tursiops truncatus*) in the Adriatic Sea and contiguous regions: implications for international conservation. *Aquatic Conservation: Marine and Freshwater Ecosystems* 25(2): 212–222 DOI: <http://doi.org/10.1002/aqc.2415>.
12. Holcer, D., Lazar, B., Mackelworth, P. and Fortuna, C. M. (2013). Rare or just unknown? The occurrence of the giant devil ray (*Mobula mobular*) in the Adriatic Sea. *Journal of Applied Ichthyology* 29(1): 139-144 DOI: <https://doi.org/10.1111/jai.12034>. [IF = 0,945; SJR: Q3 (Aquatic Science)]
13. Mackelworth, P., Holcer, D. and Fortuna, C. M. (2013). Unbalanced governance: The Cres-Lošinj special marine reserve, a missed conservation opportunity. *Marine Policy* 41(0): 126-133 DOI: <http://dx.doi.org/10.1016/j.marpol.2012.12.017>.
14. Mackelworth, P., Holcer, D. and Lazar, B. (2013). Using conservation as a tool to resolve conflict: Establishing the Piran–Savudrija international Marine Peace Park. *Marine Policy* 39(0): 112-119 DOI: <http://dx.doi.org/10.1016/j.marpol.2012.10.001>. [IF = 1,865; SJR: Q1 (Aquatic Science), Q1 (Environmental Science)]
15. Pleslić, G., Rako, N., Mackelworth, C. P., Wiemann, A., Holcer, D. and Fortuna, C. M. (2013). The abundance of common bottlenose dolphins (*Tursiops truncatus*) in the former marine protected area of the Cres-Lošinj archipelago, Croatia. *Aquatic Conservation: Marine and Freshwater Ecosystems* 25(1): 125-137 DOI: <http://doi.org/10.1002/aqc.2416>.
16. Rako, N., Fortuna, C. M., Holcer, D., Mackelworth, P., Nimak-Wood, M., Pleslić, G., Sebastianutto, L., Vilibić, I., Wiemann, A. and Picciulin, M. (2013). Leisure boating noise as a trigger for the displacement of the bottlenose dolphins of the Cres-Lošinj archipelago (northern Adriatic Sea, Croatia). *Marine Pollution Bulletin* 68(1–2): 77-84 DOI: <http://dx.doi.org/10.1016/j.marpolbul.2012.12.019>.
17. Rako, N., Picciulin, M., Mackelworth, P., Holcer, D. and Fortuna, C. M. (2012). Long-Term Monitoring of Anthropogenic Noise and Its Relationship to Bottlenose Dolphin (*Tursiops truncatus*) Distribution in the Cres–Lošinj Archipelago, Northern Adriatic, Croatia. *The Effects of Noise on Aquatic Life* 730: 323-325 DOI: http://doi.org/10.1007/978-1-4419-7311-5_72.
18. Bearzi, G., Pierantonio, N., Affronte, M., Holcer, D., Maio, N. and Notarbartolo Di Sciara, G. (2011). Overview of sperm whale *Physeter macrocephalus* mortality events in the Adriatic Sea, 1555–2009. *Mammal Review* 41: 276-293 DOI: <https://doi.org/10.1111/j.1365-2907.2010.00171.x>.
19. Lazar, B., Maslov, L., Romanić, S. H., Gračan, R., Krauthacker, B., Holcer, D. and Tvrtković, N. (2011). Accumulation of organochlorine contaminants in loggerhead sea turtles, *Caretta caretta*, from the eastern Adriatic Sea. *Chemosphere* 82(1): 121-129 DOI: <http://doi.org/10.1016/j.chemosphere.2010.09.015>. [IF = 3,206; SJR: Q1 (Environmental Science), Q1 (Toxicology)]
20. Mackelworth, P., Holcer, D., Jovanović, J. and Fortuna, C. M. (2011). Marine Conservation and Accession: The Future for the Croatian Adriatic. *Environmental Management* 47(4): 644-655 DOI: <http://doi.org/10.1007/s00267-010-9460-z>.

21. Nimak-Wood, M., Pleslić, G., Rako, N., Mackelworth, P., Holcer, D. and Fortuna, C. M. (2011). Presence of a solitary striped dolphin (*Stenella coeruleoalba*) in Mali Lošinj harbour, northern Adriatic sea, Croatia. *Vie et Milieu* 61(2): 87-93 DOI: <https://www.php.obs-banyuls.fr/Viemilieu/index.php/volume-61-2011/61-issue-2/612-article-4.html>.
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Exhibitions

- “Islands”, 2014, author, Croatian Natural History Museum, Zagreb, Pag, Metković (Croatia), Budva (Montenegro)
- “Unbreakable connections”, 2014, expert collaborator, Croatian Natural History Museum, Zagreb
- “Flyers of the big sky”, 2011, expert collaborator, Croatian Natural History Museum, Zagreb
- “Let the blue stay blue” 2008, expert collaborator, Croatian Natural History Museum, Zagreb
- “Sea turtles – silent voyagers of the Adriatic”, 2007, expert collaborator, Croatian Natural History Museum, Zagreb
- “Natural heritage of Croatia”, 2005, co-author, EXPO 2005, Hekinan, Japan
- “Kingdom of the dragon’s baby”, 2005, co-author, EXPO 2005, Hekinan, Japan
- Lošinj marine education centre, permanent exhibition, 2003, co-author, Veli Lošinj
- “Flyers of Turopolje”, 2002, co-author, Turopolje museum, Velika Gorica
- “Survival or extinction”, 2001, co-author, Croatian Natural History Museum, Zagreb
- “Turopolje – the disappearing world”, 1999-2000, Croatian Natural History Museum, Zagreb, Turopolje museum, Velika Gorica
- “Endemism in Croatia”, 1998, co-author, Croatian pavilion, EXPO 2001, Lisbon, Portugal
- “Bottlenose dolphins”, 1997, author, Public library Sisak

Media

Author and co-author

- “eTurtle” – citizen science multi-platform (webapp and mobile app) data collection system, 2018
- “Open sea – a natural history of the Adriatic Sea”, documentary film, 50”, author and producer
- “Slow down...”, a series of three educative TV-adverts, author
- “Fauna.HR”, interactive website with streaming movies, author of monthly edition on bottlenose dolphin and bats
- Open sea – a natural history of the Adriatic, 50’ documentary, 2010
- TV-adverts: Noise pollution, Disturbance, Plastic pollution, 2009
- Fauna.hr – Bottlenose dolphins, interactive web-site with documentaries, 2006
- Hpm.hr – development of web-site content, 2005
- Plavi-svijet.org - The United Nations' World Summit on the Information Society (WSIS) awarded The World Summit Award (WSA) for best content in E-science, 2003
- “How the animals live” – documentary series of Croatian TV, 1995-1996

MOUSTAFA MOKHTAR ALI FOUDA
Minister Advisor on Biodiversity
Nature Conservation Sector
Egyptian Environmental Affairs Agency (EEAA)
Cabinet of Ministers
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Maadi, Cairo, Egypt
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PROFILE: *Dr. Fouda is currently the Minister Advisor on Biodiversity. He is also member of Multidisciplinary Panel (MEP) of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) and also member of the Animal Committee of CITES. He is the chairman IUCN National Committee and member of SCOPE National Committee at the Academy of Scientific Research and Technology and is a member of the center of environmental studies at Alexandria Bibliotheca. He is Chair and Co-chair of several international and regional marine workshops (EBSA, Invasive species of CBD, MPAs). He joined the Egyptian Environmental Affairs Agency (EEAA) as Director of Nature Conservation Sector (NCS) in February 2000. His work involved implementation of the National Biodiversity Conservation strategy and Action Plans through developing and managing a network of 30 protected areas (about 15% of Egypt's territory), Biodiversity Development, and Egypt's commitment to international and regional agreements and conventions dealing with Environmental protection and nature conservation. He was in charge of many projects (more than 30 million US\$.) funded by donor countries and international agencies (e.g. Global Environmental Facility (GEF) for conservation of natural resources in Egypt. He is the national focal point for several international conventions (e.g. Biodiversity, CMS, Ramsar). He is interested in wildlife, conservation, marine biodiversity and economics of protected areas. He is also in-charge of several non-governmental scientific and environmental organizations (e.g. ornithological society of Egypt) as well as member of board of several learned societies and governmental institutions. Prior joining EEAA, he was the Assistant Dean for Extension at the College of Agriculture, Sultan Qaboos University (SQU); UNEP & NOAA Consultant and Coordinator of UNEP Task Team on Land-based Sources Affecting the Marine Environment of ROPME, and Implications of Climate Change on Marine Environment and Fisheries of the Red Sea and Gulf of Aden. He is currently a member of the Global Task Team on the Implications of Climate Change on Coral Reefs and the European Academy for Environmental Affairs. At SQU, he taught several courses on Coastal Zone Management, Advanced Marine Biology, Ichthyology, Fisheries Biology, Fisheries Research Techniques and Fisheries Management, and conducted ecological survey on mangrove communities, coral reefs and artisanal fisheries of Oman. He reviewed many fisheries and marine environmental projects in Egypt, Saudi Arabia and Oman. Prior joining SQU, he was based at Al-Azhar University, Cairo teaching marine biology and fisheries, in addition to conducting research programs related mainly to the Red Sea and Suez Canal ecosystems. He served as technical member on several national committees (e.g. Marine Science, Fisheries Research Council, Natural History Museum of Egypt) at the Academy of Scientific Research and Technology. Since his return home in 1980 after obtaining his Ph.D. from U.K., he supervised more than 120 M.Sc. and Ph.D. thesis and published about 200 papers and articles on marine conservation, marine policy, mangroves, coral reefs, marine biodiversity, fisheries biology and ecology, marine invertebrates, environmental pollution and environmental impact assessment. Visited marine and fisheries institution in Europe, U.S.A., Africa, Asia and Australia and attended more than 200 conferences.*

PERSONAL

Permanent	:	Rehab City, New Cairo			
Address	:	Tawfeek Al-Hakim St. villa 33			
Date of Birth	:	22 January 1950 (Egypt)			
Sex	:	Male	Civil Status	:	Single
Religion	:	Muslim	Passport No	:	A21122895

EDUCATIONAL BACKGROUND

B.Sc. in Zoology with grade "Distinction", Cairo University, Egypt; June 1972

Ph.D. in Marine Biology, University of Bristol, England, U.K.; January 1979

PROFESSIONAL & TEACHING EXPERIENCE

Dec. 2017	Co-chair of CBD workshop on EBSA, Berlin, Germany
April 2017	Chair of RAC/SPA Focal Points, Alex, Egypt
Feb.2010-present	Minister Advisor on Biodiversity
May-Sep 2015	Consultant to PERSGA workshops on negotiation skills
May 2015	Co-chair of CBD workshop on EBSA, Dubai, UAE
May 2015	Consultant to RAC/SPA on roadmap on marine biodiversity
Jan.2013-2018	Member of Multidisciplinary Panel (MEP), IPBES
Nov. 2014	Co-chair of CBD on marine debris, USA
April 2014	Co-chair of CBD workshop on EBSA, Malaga, Spain
March 2014	Chairman of the IUCN National Committee, ASRT
Nov. 2013	Member of SCOPE National Committee, ASRT
July 2014	Member of Environment Centre at Alexandria Bibliotheca
2012 – 2014	Advisory Board on GBO4
March 2011 - March 2013	Project Manager "Strengthening Protected Areas Financing & Management Systems Project"
September 2005 - present	Member , Scientific Environmental Consultancies and Studies, Ain Shams University
April 2004 - 2012	Member , Cult.Net Centre Board, Alexandria, Bibliotheca
Jan 2001 - present	National Focal Point , for Biodiversity, CMS - Ramsar convention and RAC/SPA (MAP)
Feb 2000-March 2010	Director , Nature Conservation Sector, EEAA, Egypt.
2000 - present	Project Manager , Six projects on biodiversity conservation (budget of about US\$ 30 million)
	Chairman , The marine committee of the National CITES, National Committee of Biodiversity, National Committee on Wetlands
	Chairman , The National IUCN Committee.
	Member , Fisheries and Animal Resources Council, Academy of Science Research and Technology.
	Member , The National Committee on Integrated Coastal Zone
June 1999	Assistant Dean for Extension , College of Agriculture, Sultan Qaboos University (SQU)
1999 - present	Member , Egyptian National Commission for UNESCO
1998	Chief Advisor , Egyptian Environmental Affairs Agency (Nature Conservation Sector)

1996	Consultant , UNEP (Implementation of the Global Program of Action for the Protection of the Marine Environment from Land-based Activities in ROPME and PERSGA Regions)
1996	Consultant , NOAA (Regional ICRI [International Coral Reefs Initiative] Workshop in the Middle East)
1996	Member , European Academy for Environmental Affairs
1995	Professor of Marine Biology, Al-Azhar University
Sept. 1995	Head of Fisheries Science & Technology Department, College of Agriculture, SQU
1990-present	Associate Professor in Fisheries Science & Technology, College of Agriculture, SQU
1992	Acting Head of Fisheries Science & Technology Department Member , Technical Committee of the Fisheries Research Fund, Ministry of Agriculture and Fisheries Member , Curriculum and Standards Committee of the College Consultant to Sultan Qaboos University on Environmental Affairs and Fisheries Advisor , Marine Science & Fisheries Centre, on marine environment and fisheries Coordinator , UNEP Task Team on "Implication of Climate Change on the Red Sea and Gulf of Aden Region". Member , UNEP Global Task Team on Implication of Climate Change on Coral Reefs
1987-1990	Associate Professor in Marine Biology, Al-Azhar University , Faculty of Science, Cairo, Egypt Consultant (1) Academy of Scientific Research and Technology (Marine Biology, Fisheries and Natural History Museum), (2) Egyptian Environmental Affairs Agency (3) General Authority for Development of Fish Resources, Ministry of Agriculture (Fish Aquaculture) and (4) Fish Research Centre, University of Suez Canal
1980-1987	Lecturer in Fishery Biology, Marine Communities, Marine Biology and Ecology, Fish Biology, Comparative Anatomy, Vertebrate Evolution, Invertebrate Biology, General Biology, Fish Aquaculture and Animal Behaviour; Faculty of Science, Education, Medicine, Dentistry and Pharmacy, Al-Azhar University
1981-1982	Lecturer in Marine Biology and Ecology, University College for Girls, Ain Shams University
1980-1981	Lecturer in Fishery Biology and Marine Biology, Monofia University
1980-1990	Lecturer in Fishery Biology, Marine Communities, Marine Biology and Ecology, Fish Biology, Comparative Anatomy, Vertebrate Evolution, Invertebrate Biology, Fish Aquaculture and Animal Behavior; Faculty of Science, Education, Suez Canal University
1975-1979	Demonstrator and Tutor in Marine Biology, Zoology Department, University of Bristol
1972-1974	Demonstrator and Tutor in vertebrate evolution, marine biology, physiology, micro technique, general biology for pre-medical, dental and veterinary students, Zoology Department, University of Cairo

AWARDS RECEIVED

June 2015	Various Awards: H.E. Khaled Fahmy and H.E. Maged George – Minister of Environment & Minister H. E. Nadia Makram Ebeid - Cedare for achievements on Environmental protection & Biodiversity Conservation
2005	Knight , President of Italy for distinguished achievement in the Italian – Egyptian Environmental Programme
2002-2006	Certificates of Appreciation from Ministries and Governors in Egypt
1999	Certificate of Appreciation for work conducted on marine environment from Gulf

	Countries Council
1990	British Council Fellowship to visit marine institutions in U.K.
1988	DAAD Award , to study "Red Sea Fishes", Senkenburg and Hamburg Museums, Germany
1986	British Council Fellowship to study Suez Canal gobioid fishes, Bristol University
Aug-Sep 1984	DAAD Award to study "Coral Reef Ecosystem" in Germany
1983	British Council Fellowship to study the feeding requirements of fishes, Aston University, Birmingham
1974 -1979	A member of Egyptian Government Mission to United Kingdom to obtain Ph.D. in Fish Biology, Bristol University

SPECIAL INTEREST

1. Biodiversity Policies
2. Environmental Communication, Education, and Public Awareness
3. Biodiversity negotiator
4. Sustainable development through biodiversity
5. Biodiversity Conservation
6. Implications of Climate Change on marine environment
7. Red Sea/Suez Canal Ecosystems and Fisheries
8. Environmental pollution
9. Marine reference collection/sorting centre at Al-Azhar University (Egypt) and Sultan Qaboos University - SQU(Oman)
10. Biotechnology with focus on Biosafety
11. Wildlife Conservation and economics
12. Environmental impact assessment
13. Marine Biodiversity
14. Arabian Sea upwelling regime and fisheries

DIVING EXPERIENCE

BSAC qualified, 3rd class diver, diving in British waters, Red Sea, Gulf of Oman and Arabian Sea.

RESEARCH EXPERIENCE

2000 - present	Biodiversity conservation policies and implemented
2003 - present	Ecotourism in Protected Areas
2000 - present	Biodiversity Conservation policies and implementation
	Mangroves of the Red Sea
2000 - present	Mangroves of the Red Sea
2000 - present	Nature Conservation of Egypt
1990 - present	Fisheries and marine environment of Oman
1984 - present	Aquaculture
1982 - present	Environmental Education, Impact Assessment and Pollution
1980 - present	Biology of Red Sea Fishes, Echinoderms, Mollusks and Crustaceans
1981 - 1990	Ecology of Wadi El-Rayan Lakes (Western Desert)
1974 - 1979	Biology of Fish Scales
1972 - 1974	Ecology of Freshwater Fishes (River Nile, Lake Nasser, Egypt)

RESEARCH DEVELOPMENT PROJECTS (Principal or Co-Investigator)

- Strengthening Protected Areas Financing & Management Systems Project, Director
- Biosafety Project, UNEP
- South Sinai Development project, EU
- Management of Mangroves in Egypt, ITTO
- BIOMAP of Egypt, Italian Egyptian Cooperation
- LIFE Project, Red Sea, US AID
- Gulf of Aqaba Development Program, EU
- Saint Katherine Development Program, EU
- Egyptian Environmental Policy Program, USAID
- Medicinal Plants Conservation Projects, GEF
- Egyptian Italian Environmental Program
- MedWet Coast Project
- Sustainable Development of Coastal and Marine Resources along the Gulf Aqaba, PERSGA
- Rehabilitation, Conservation and Sustainable Utilization of Mangroves in Egypt, FAO
- Development of Pilot National Program of Action (NPA) for the Protection of the Marine Environment from Land-Based Activities within the Red Sea area in Egypt.
- Assessment of Capacity Building Needs in Country Specific Priorities in Biodiversity Management and Conservation in Egypt, GEF
- Second Matrouh Resource Project, World Bank
- Self-Assessment of National Capacity in Egypt to Manage the Global Environment, UNEP
- Ecology of Bardawil Lake, funded by the British Petroleum, Egypt Branch.
- Biological Control of Intermediate host of Schistosome snails by fishes, funded by Institute of Bilhariz, Egypt.
- Marine Reference Collection (Red Sea) Centre, funded by Academy of Scientific Research and Technology, Egypt.
- Unconventional Fish Feed in Egypt, funded by National Research Centre, Egypt.
- Ecology of Wadi El-Rayan lakes, Western Dessert of Egypt, funded by American-Egyptian Universities Linkage Program (USAID).
- Impacts of oil pollution on the Red Sea Coastal biota. Funded by American Protection Agency, U.S.A.
- Biology of Gobioid Fishes, funded by British Council, Egypt
- Red Sea Coral Reefs, funded by DAAD, Germany
- Fish Resources of Dhofar Khawrs (Coastal Lagoons) in the Sultanate of Oman, funded by the Planning Committee for Development & Environment, Governorate of Dhofar, Oman
- Resource Management of Mangroves in the Arid Environment in the Sultanate of Oman, funded by the Ministry of Regional Municipalities and Environment, Oman
- Ecological Studies for the protection and management of the coastal zone of Oman: Baseline studies for evaluating long-term changes in coral reefs and reef fish communities in Muscat areas, funded by the Fisheries Research Fund, Ministry of Agriculture and Fisheries
- Bioeconomic model of kingfish fishery in Oman, submitted for funding from Fisheries Research Fund, Ministry of Agriculture and Fisheries
- Land-based sources and activities affecting marine environment in Arabian Seas (UNEP)
- Conservation and management of mangroves in the Sultanate of Oman

REVIEWER/CONSULTANT

- Reviewer, many scientific papers in scientific Journals (2000 – present)
- Consultant to Environics, Egypt (2014 – present)
- Consultant to RAC / SPA / UNEP-MAP, Tunis (2015 – present)
- Advisor, Global Biodiversity Outlook (GBO4) for CBD (2014)
- National and International legislation on biodiversity for UNDP
- Global Biodiversity Outlook (GBO 3) for CBD
- Global Environment Outlook (GEO4) Environment for Development, UNEP
- Millennium Ecosystem Assessment, UNEP/UNDP/UNESCO/CBD/IUCN
- Biotechnology Marine Projects, Academy of Scientific Research & Technology
- Reviewer of scientific research proposals funded by STF, Academy of Scientific Research and Technology
- Many projects executed by governmental institutions, mostly on: environment, tourism, development, national plans on specific issues (e.g. northern coast, western desert, fisheries).
- GEF Small Grants in Egypt
- Establishment of Natural History Museum of Egypt
- Pelagic Resources of Egypt
- Aquaculture Development of Egypt
- Development of Lake Bardawil, Egypt
- Habitat Biodiversity of Egypt
- Ras Mohammed Marine National Park, Egypt
- Fisheries Research Programs, Saudi Arabia
- Marine Biodiversity of Oman
- Coral Reef Management Plan of Oman
- Fisheries Research Programs, Oman
- Demersal Fisheries Resources of the Arabian Gulf, Gulf of Oman and Arabian Sea
- Implications of Climate Changes on the Red Sea and Gulf of Aden
- Implications of Climate Changes on the Coral Reefs of Indian Ocean, Arabian Gulf and Red Sea
- Cooperative Efforts on Fisheries in the Gulf Region
- Report on the Recommendation of the 8th Meeting of the ROPME, Kuwait
- Environmental Impact Assessment of Omans Liquid Natural Gas (LNG) Project
- Oman's New Fishery Harbours
- Coral Reefs in the Middle East
- National Conservation Strategy of Oman
- Fish Quality Control, Oman
- Fisheries Resources of the Gulf Region
- Sustainable use of Marine Resources
- Marine Protected Areas in the Arab World
- Land-based sources affecting marine environment of ROPME region

REFERENCES

DR. HAMDALLAH H. ZEDAN

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PROFESSOR GIUSEPPE NOTARBARTOLO *disciara*

IUCN Joint Marine Mammals Protected Areas Task Force
Milan, Italy
E-mail: disciara@gmail.com

MEMBERSHIP OF LEARNED SOCIETIES

- National Focal Points of International and Regional Conventions (CBD, RAMSAR, CMS, ACCOBAMS)
- Chair, RAC/SPA / UNEP – MAP Focal Point, Alex. Egypt
- Co-chair of CBD workshop on EBSA, Berlin, Germany
- Co-chair of CBD workshop on EBSA in the northern Indian Ocean (Dubai, 2015)
- Co-chair of CBD workshop on marine Debris, USA 2014
- Co-chair of CBD workshop on EBSA, Malaga, Spain , April 2014
- Chair of RAC/SPA Annual Meeting, Rabat, Morocco, July 2013
- Member, National Committee on Biodiversity
- Member, Ramsar Culture Network
- Chairman of National Committee of IUCN
- **IPBES** Multidisciplinary Expert Panel Member
- Vice President of Nature Conservation Society, Egypt
- Member, Animal Committee, CITES
- Member, Egypt Network for Integrated Development in Egypt (ENID)
- Member, Nature Conservation Egypt
- Founder and Chairman, Friends of Wadi Hitan (Valley of Whales)
- Member, Nature Conservation Egypt
- Member, Natural Toxins Society
- Member, Egyptian Ecological Society
- Member, Friends of Protected Areas
- Founder and Member, Abu Salama Society (Red Sea Marine Mammals)
- Member, European Academy for Environmental Affairs
- Member, Network of Tropical Fisheries Scientists (NTFS), Philippines
- Member, International Society for Mangrove Ecosystems
- Member, International Society for Reef Studies
- Member, Egypt Zoological Society
- Member, Fisheries Societies of British Isles
- Member, Freshwater Biological Association (U.K.)
- Member, Bone and Tooth Society (Oxford, U.K)
- Member, British Ecological Society
- Member, Egypt Histological Society
- President, Ornithological Society of Egypt
- President, Egyptian Scientists for Nature Conservation
- Member, Friends of the Red Sea; Marine Conservation Society (U.K.)
- Member, European Mariculture Society (Belgium)
- Member, Marine Biological Association of India
- Member, Egyptian Council for Animals and Fisheries Research; Academy of Scientific Research and Technology
- Member, History of Marine Science Committee, Academy of Scientific Research and Technology
- Member of the board, Egyptian Council for Scientific Culture
- Member of the board, Egyptian Society for Marine Technology
- Member, General Authority for clearing and beautifying Cairo
- Secretary, Local Development Society, Nasr-City, Cairo
- Member, The Historical Association of Oman

EXPEDITIONS

June 2011	Tahiti Islands (Pearl Oyster), Pacific Ocean
2008	Western Mediterranean Coast of Egypt (Salloum)
	South Sinai Expedition
2007	Red Sea Expedition
2007	Gilf Kabir Expedition
2006	Wadi Allaqi Bioshpere Reserve
2006	Gebel Qatrani, preparation for the World Heritage Site Egypt.
2006	Red Sea Islands, for declaration of Protected Area Egypt.
2005	Wadi Al-Hitan, preparation for the World Heritage Site Egypt.
2004	Qattarah Depression, Western Desert
2003	Siwa Expedition
2003	White Desert Expedition
2003	South Africa National Parks
2002	Gebel Elba Expedition for Development and Management of the Protected Area.
2001	Qatar National Parks
1992	Khawr environment, Dhofar, Sultanate of Oman
1991-1996	Artisanal fisheries of Musandam and Gulf of Masira, Sultanate of Oman
1984-1990	Western Desert of Egypt to Study the Ecology of the Lakes and Desert (Annual expedition during the months of April, June, September & December)
April 1985	Bardawil expedition sponsored by British Petroleum, Egypt Branch (Ecological Studies)
May 1983	Red Sea Expedition sponsored by the Academy of Scientific Research and Technology (oil pollution)
April 1983	O.S.E. Expedition to Gabal Elba Mountain, Red Sea
Oct-Dec 1982	Red Sea Expedition sponsored by the Academy of Scientific Research and Technology (oil pollution)
Sept. 1982	Ornithological Society of Egypt expedition to Bardawil Lake for counting migratory birds
May 1982	Red Sea Expedition sponsored by Egyptian Scientists for Nature Conservation and Ornithological Society of Egypt (oil pollution)
Jan. 1982	Al-Azhar University Expedition to the Egyptian Western Desert (Ecology of foxes)
Feb. 1981	Al-Azhar University Expedition to Suez Canal and Red Sea (Red Sea Biology)
May 1980	Suez Canal University Expedition to the Red Sea (Red Sea Biology)
1978	North Sea, with Fisheries Laboratory at Lowestoft, U.K. (Eel migration studies by tracking silver eels using acoustic transporting tags and sector scanning sonar)
1977	Red Sea, Mediterranean, Northern Lakes; Egypt (Collection of gobioid fishes and preliminary investigation of Red Sea Ecosystem)
1973-1974	Lake Nasser, Egypt and Sudan (Biological and Limnological Studies)

CONFERENCES, MEETINGS AND SYMPOSIA

25 – 30 August 2019	Global Biodiversity Framework Biosafety & the Cartagena Protocol Nairobi - Kenya
15 – 23 August 2019	CITES COP 18 – Geneva - Switzerland
25 – 26 July 2019	Implementing integrated approaches in production landscapes and seascapes in National Biodiversity Strategies and Action Plans (NBSAPs) Tokyo - Japan
02 – 05 July 2019	Ninth Trondheim Conference on Biodiversity - Norway
02 - 05 April 2019	Regional Consultation on the Post 2020 – Global Biodiversity Framework for Africa – Addis Ababa – Ethiopia
26 - 28 Mar. 2019	5 th International Conference on Global Warming: “Environmental Compliance” Ras Al Khaimah – United Arab Emirates
25 - 27 Feb. 2019	Expert workshop on the post-2020 biodiversity framework: targets, indicators and measurability implications at global and national level, Paris - France
22 - 23 Jan. 2019	Meeting of Experts on the finalization of the classification of benthic marine habitats types for the Mediterranean region and the Reference List of Marine and Coastal Habitats Types in the Mediterranean, Roma - Italy
13 - 29 Nov.2018	CBD COP14, Sharm El-Sheikh Cairo – Egypt
02 - 03 Oct. 2018	6th National Report – Technical Support Regional Workshop, Victoria - Seychelles
17 - 21 Sep. 2018	The Seventh Special Session of the African Ministerial Conference on the Environment (AMCEN)
09 - 13 July 2018	SBI 2 Montreal – Canada
02 - 07 July 2018	SBSTTA 22 – Montreal - Canada
June 2018	Mainstreaming of Biodiversity into Energy & mining, infrastructure, and processing industries. CBD Secretariat and Ministry of Environment.
09 - 11 May 2018	Government Prosecutors on the Illegal Killing, Taking & Trade (IKB) of Migratory Birds in the Mediterranean Region, Valsain (Segovia, Spain)
10 - 12 April 2018	Cambridge Conservation Initiative Expert Workshop: Framing the Future for Biodiversity
15- 25 March 2018	IPBES 6 – Medellin - Colombia
07 -08 March 2018	Presentations from Med Program Consultation, Athens
21 - 22 Feb.2018	SPA/RAC First Meeting of the Ad hoc Group of Experts for Marine Protected Areas in the Mediterranean, Tunis – Tunisia
06 - 09 Feb.2018	Expert workshop on marine protected areas and other effective area-based conservation measures for achieving Aichi Biodiversity Target 11 in marine and coastal areas, Montreal - Canada
05 - 08 Dec. 2017	Technical workshop for CBD EBSA, Berlin - Germany
20 - 22 Nov.2017	Technical Workshop for Review of the Voluntary Guidelines for the Design and Effective Implementation of Ecosystem Based Approaches to Climate Change Adaptation and Disaster Risk Reduction, Bonn – Germany
23 - 28 Oct.2017	10th MEP & Bureau Meetings – Bonn - Germany
21 - 26 Aug.2017	IPBES – External Review of Global & Regional Assessment.
09 - 11 Aug.2017	CMS COP12 Regional Preparatory Workshop for Africa- Addis Ababa, Ethiopia
24 - 28 July 2017	22nd Biosafety NPC Meeting – Zulwini, Swaziland
11 - 14 July 2017	GEF Expanded Constituency workshop
19 - 23 June 2017	9th MEP & Bureau Meetings – Bonn - Germany
05 - 09 June 2017	Implementation of Sustainable Development Goal (SDG) 14 Ocean, conserve and sustainably use of the oceans seas and marine resources for sustainable development Conference – New York
09 - 12 May 2017	13th Meeting of RAC SPA Focal Point - Egypt
03 -05 April 2017	Climate Change and Biodiversity in Egypt. Ras El-Khema- UAE
7 -10 March 2017	The fifth session of the Platform's Plenary (IPBES-5) Bonn, Germany
28 Feb-1Mar.17	Meeting of the Correspondence Group on Monitoring (CORMON) Biodiversity and Fisheries, Madrid – Spain

02 - 18 Dec. 2016	Attend CBD COP13, MOP8 and MOP2, Cancun, Mexico
22 - 25 Nov.2016	Sixth Meeting of the Parties ACCOBAMS MOP6, Monaco
November 2016	Climate change impacts on biodiversity in Africa, with a focus on Egypt. National committee of biological sciences. Academy of Scientific Research and Technology, Cairo.
24 Sep - 5Oct2016	CoP17: Seventeenth meeting of the Conference of the Parties, Johannesburg (South Africa)
24 - 28 Oct. 2016	8th MEP and Bureau Meetings, Bonn, Germany
20 - 23 Sept.2016	GEF expanding constituency workshop, Beirut, Lebanon
September 2016	Barcelona Convention and its protocols, and the Ecosystem approach Initiatives (Ocean governance training workshop, NIOF, Alexandria)
September 2016	Large marine ecosystems concept. (Ocean governance training workshop, NIOF, Alexandria)
August 2016	External Reviewer for Arab Gulf University (AGU) research grant proposal for 2016 – 2017 (Integrated environmental assessment for the Askar region, Bahrain)
4 - 5 May 2016	Workshop on management of bioinvasions in the Mediterranean Sea " the way forward" - Ischia (Naples, Italy)
21 - 23March 2016	"Friends of the CBD" workshop on mechanisms to support review of Implementation of the Convention, Bogis-Bossey, Switzerland.
7 - 10 March 2016	The fifth session of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) Bonn, Germany
22 - 28 Feb.2016	The fourth session of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), Kuala Lumpur, Malaysia
11 - 15 Jan. 2016	CITES, Standing Committee – Geneva, Switzerland.
02 - 05 Nov. 2015	SBSTTA 19, Montreal, Canada.
28 - 30 Oct.2015	Expert Meeting on Alien Species n Wildlife Trade, Experiences in the use of Biological Control Agents and Development of Decision Support Tools Management of Invasive Alien Species, Montreal, Canada.
8 - 12 Oct. 2015	6th MEP & Bureau meeting
1 - 7 August 2015	MEP and Bureau participation in the Africa First Author's meeting, Pretoria.
25 - 29 May 2015	Twelfth Meeting of Focal Points for Specially Protected areas SPAs, Athens – Greece.
19 - 21May 2015	Meeting of the Map Focal Points, Athens – Greece
20 - 25 April 2015	North – West India Ocean and adjacent Gulf Areas Regional Workshop to facilitate the description of Ecologically or Biologically Significant Marine Areas (EBSA)
April 2015	GEF and CBD activities in Egypt. National dialogue initiative, Cairo
10 - 17 Jan. 2015	3rd session of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES –3), Bonn, Germany
02 - 04 Dec. 2014	Expert Workshop to prepare Practical Guidance on Preventing and Mitigating the significant adverse impacts of Marine and Coastal Biodiversity and Habitats, Baltimore, United States of America
04 - 09 Nov. 2014	Eleventh meeting of the Conference of the Parties of the Convention on the Conservation of Migratory Species of Wild Animals, (CMS), Quito, Ecuador.
06 - 17 Oct. 2014	Twelfth meeting of the Conference of the Parties to the Convention on Biological Diversity (COP12), Pyeonchang, Republic of Korea
29Sept.-3 Oct.2014	Seventh meeting of the Conference of the Parties to Cartagena Protocol on Biosafety
21 - 23 Sept. 2014	African Regional meeting for the 11th Conference of the Parties to the Convention on Migratory Species (CMS) – Harare, Zimbabwe
26 -28 Aug.2014	The first multi-stakeholder expert meeting on elaboration of options for enhanced cooperation and synergies among biodiversity-related Multilateral Environmental Agreements- Interlaken, Switzerland
17 - 22 Aug. 2014	IPBES - Regional scoping meeting and proposed Telecon Paris - France

13 - 14 Aug. 2014	Second meeting on policy support tools and methodologies - Paris - France
7 - 11 July 2014	IPBES 4th Bureau and MEP meeting / IPBES meeting in Bonn, Germany
28Apr-03May2014	27th Meeting of the Animals Committee and 21st meeting of the Plants Committee Veracruz - Mexico
07 - 11 Apr. 2014	Co-chair of Mediterranean Regional workshop to facilitate the Description of Ecologically or Biologically Significant Marine Areas EBSA, Malaga, Spain
May 2014	3rd MEP / IPBES meeting in Bonn, Germany
09 - 14 Dec. 2013	Second session of the Plenary of the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES-2) Antalya – Turkey
07 - 08 Dec. 2013	Eye on Earth – Eye on Biodiversity Antalya - Turkey
02 - 07 Nov. 2013	High Level Forum on Biodiversity and Development Post 2015 and Informal Consultation on IPBES & Capacity Building - Kuala Lumpur
28 - 30 Oct. 2013	Validation Workshop on AU Guidelines for a Coordinated Implementation of the Nagoya Protocol in Africa, Addis Ababa, Ethiopia
04 - 05 Sept.2013	The 3rd ABS Business Dialogue hosted by Ms. Ida Auken, Danish Minister of the Environment Copenhagen, Denmark. The Nagoya Protocol on ABS: Implementing the Green Economy Copenhagen III
01 - 05 July 2013	4th meeting of National Correspondents for SAP BIO and the Eleventh meeting of Focal Points for SPAs, Rabat, Morocco
27 - 31 May 2013	Seventh Trondheim Conference on Biodiversity – Ecology & Economy for a Sustainable Society – Trondheim - Norway
08 - 09 May 2013	ACCOBAMS – Second Meeting of the Extended Bureau - Monaco
06 - 07 May 2013	MEDPAN Scientific Committee - Barcelona
26 - 27 Mar.2013	Natural Capital Accounting for Green Growth in the Middle East and North Africa Regional Workshop - Villa Valmer, Marseille
21 - 23 Mar. 2013	The First IPBES Multidisciplinary Expert Panel Meeting Cambridge - UK
03 - 14 Mar.2013	16th Conference of Parties for the Convention of the Int'l Trade on Endangered Species (CITES) Bangkok, Thailand
07 - 08 Feb. 2013	1st meeting of the Correspondence Group on GES and Targets -Biodiversity& Fisheries Cluster, Rome, Italy
25 - 28 Nov. 2012	Forum of Marine Protected Areas in the Mediterranean & the MEDPAN Network General Assembly, Antalya, Turkey
05 - 20 Oct. 2012	Eleventh meeting of the Conference of the Parties to the Convention on Biological Diversity (COP 11), Hyderabad, India
05 - 15 Sept. 2012	African Negotiators for Biodiversity Meeting, Nairobi, Kenya, Arusha
21 - 28 July 2012	Standing Committee 62, CITES, Switzerland
06 - 13 July 2012	11th Meeting of the Conference of the Contracting Parties to the Ramsar Convention - Bucharest, Romania
13 - 15 June 2012	The United Nations Conference on Sustainable Development-Rio De Janeiro, Brazil
16 - 21 April 2012	2nd Meeting Intergovernmental Panel on Biodiversity and Ecosystem Services (IPBES) in Panama
18 Feb. 2012	Subregional Workshop on biodiversity and finance for preparation of WGRI-4 and COP-11- Jordan
15 - 17 Feb. 2012	GEF Meeting at Dead Sea - Jordan
05 - 09 Feb. 2012	International Symposium on Water and Wetlands in the Mediterranean, The next 20 years Agadir, Morocco
05 - 07 Sept. 2011	FAO / OECD Expert Meeting on Greening the Economy with Agriculture
28 - 29 Sept. 2011	1st MedPAN Scientific Committee Meeting - Marseilles
03 - 07 Oct. 2011	IPBES Intergovernmental Science – Policy Platform on Biodiversity and Ecosystem Services - Nairobi - Kenya
07-11 Nov. 2011	Fifteenth Meeting Body on Scientific, Technical and Technological Advice (SBSTTA 15), Montreal, Canada

20 - 25 Nov. 2011	COP 10 for Convention on Migratory Species (CMS) in Bergen, Norway
Nov.2010	IUCN General Meeting for Mediterranean, Malaga, Spain
Oct. 2010	10th Conference of Parties on Biodiversity, Nagoya, Japan
Sept. 2010	African Conference on Biodiversity, Libreville, Gabon
June 2010	3rd Scientific Conference of the Mediterranean for Marine Biodiversity - Bibliotheca Alexandrina
May 2010	UNDP - Egypt Human Development "Youth in Egypt": Building our Future Dr. Heba Handoussa - Cairo Situation for Action Situation Analysis
March 2010	15th Conference of Parties for the Convention of the Int'l Trade on Endangered Species (CITES) Doha - Qatar
01 - 05 Feb. 2010	Sixth Trondheim Biodiversity Conference, Norway
18 - 20 Jan. 2010	Informal Expert Consultation on the Revision and Updating of the CBD Strategic Plan, London
10 - 11 Jan. 2010	Regional Workshop for the Middle East and North Africa - Arab League, Cairo
June 2009	9th Meeting of Focal Points for SPAs Malta
December 2008	10th Conference of the Parties to the Convention on the Conservation of Migratory Species of Wild Animals (CMS), Rome
Oct - Nov. 2008	9th Conference of the Parties to the Convention on Wetlands (Ramsar), Changwan, South Korea
July 2008	Second Meeting of Government – Designated Experts on the Application of the Ecosystem Approach (MAP/UNEP) Athens
July 2008	Evaluation of coastal problems at Hurghada, workshop at Hurghada, Red Sea
May 2008	9th Conference of the Parties to the Convention on Biological Diversity (CBD) Bonn, Germany
April 2008	CBD Meeting on Access and Benefit Sharing (ABS), Seychelle
February 2008	Second meeting of the AD Hoc Open ended Working Group on Protected Areas (WG-PA-2) Rome, Italy at FAO Headquarters.
January 2008	Capacity Building Workshop and Briefing of African Delegates - Geneva (GTZ)
November 2007	Fifth Trondheim Conference on Biodiversity: Ecosystems and people - Development and biodiversity – The road to 2010 & beyond Trondheim – Norway
November 2007	Status of Bird Flu in Egypt, supreme committee for combating bird flu
October 2007	Egyptian Coastal systems and needs for an integrated protection Region Autonoma Della Sardengna, Italy
October 2007	Expert Workshop on Ecological Criteria and Biogeographic Classification Systems for Marine Areas in Need of Protection Azore, Portugal
September 2007	Biodiversity Conservation in Egypt IUCN, Malaga, Spain
June 2007	8th Meeting of Focal Points of RAC/SPA, Palermo, Italy
May 2007	5th International Conference Environment (Enviro 2007) Cairo
February 2007	Government -Designated Expert Meeting on the Application of the Ecosystem Approach by the Mediterranean Action Plan, Athens
November 2006	Euro – Mediterranean Environmental Partnership. Horizon 2020. Cairo
July 2006	30th Meeting of the World Heritage Committee, Lithuania
March 2006	The Third / Eight Meeting of the Conference of the Parties serving as the meeting to the Cartagena Protocol and Biodiversity Curitiba, Brazil
February 2006	Ninth special session of the Governing Council, of UNEP Dubai
February 2006	Fourth meeting of the Ad Hoc Open-ended Working Group on Access and Benefit-sharing Granada – Spain
December 2005	Cartagena Protocol on Biosafety - Second meeting of the Conference of the parties of the Convention serving as the meeting of the Parties to the Protocol Montreal - Canada
November 2005	9th Meeting of the Conference of the Parties to the Convention on Wetlands (Ramsar COP9) Kampala – Uganda
February 2005	Tenth Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice

	Bangkok – Thailand
February 2004	The Seventh Meeting Conference of the Parties to the Convention on Biological Diversity Kuala Lumpur, Malaysia
November 2003	Ninth Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice , CBD, Montréal, Canada
October 2003	Med Wet Coast Regional Steering Committee Meeting, Tunis
September 2003	Vth World Parks Congress, Durban, South Africa
September 2003	Liaison Group Meeting on Protected Areas , CBD, Durban, South Africa
June 2003	The Sixth National Focal Pint Meeting For SPA. Marseilles, France
June 2003	The Conference on Technology Transfer and Capacity Building, Trondheim, Norway
May 2003	Meeting on “2010” - the Global Biodiversity challenge, London, United Kingdom
March 2003	Mediterranean- Fair of the Parks of the Mediterranean. Bari, Italy
March 2003	Eighth Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice , CBD, Montréal, Canada
February 2003	WCPA Meeting, Riyadh, Saudi Arabia
December 2002	Joint Meeting of the Bureaux of ICCP and COP-6, Montréal, Canada
November 2002	8 th Meeting of the Conference of the Contracting Parties to the Convention on Wetlands
August 2002	World summit on Sustainable Development, Johannesburg, South Africa
July 2002	3 rd Global Taxonomy Workshop, Pretoria, South Africa
June 2002	The Second Med Wet Coast Regional Advisory committee. Tour du Valat, France
June 2002	The 1 st Islamic Conference for Arab Ministries for Environment, Saudi Arabia
March 2002	Second Meeting of the GEF Coordination for the GEF project , Tirana, Albania
March 2002	Symposium on ecotourism, Riyadh, Saudi Arabia
January 2002	The regional Workshop on the Conservation of the Red Sea environment, Riyadh, Saudi Arabia
October 2001	The Meeting of Expert on Coastal habitat types in the Mediterranean region, Montpellier, France
May 2001	Meeting of the Med POL National Coordinators, Venice, Italy
April 2001	Regional Advisory committee of the Med Wet Coast project, Rabat, Morocco
March 2001	Six Meeting of the Subsidiary Body on Scientific, Technical and Technological Advice , CBD, Montréal, Canada
March 2001	Capacity Development Initiative Regional Consultant Workshop, Cape town, South Africa
February 2001	2 nd BPSP workshop, Beirut, Lebanon
July 1988	Pan-African Conference on Sustainable Integrated Coastal Management, Mozambique
April 1998	International Symposium on Mangrove Ecology and Biology, Kuwait
August 1997	9th European Ichthyological Congress, Trieste, Italy
April 1997	International Conference on the Biology of Coastal Environments, Bahrain
December 1996	Workshop on Implementation of the Global Programme of Action for the Protection of Marine Environment from Land-based Activities in ROPME and PERSGA Region, Bahrain
May 1996	Symposium on Importance of Protected Areas in the Conservation of Wildlife, Kuwait
October 1995	Sea to Conference on Sustainable Use of Marine Resources, Jeddah, Saudi Arabia
June 1995	International Coral Reef Initiative Workshop, Dumaguete City, Philippines
December 1994	Fisheries Resources of the Gulf Region, FAO, Muscat, Oman
December 1994	Regional Environmental Symposium on Ecosystems, Environmental Protection and Graduate Education in Environmental Sciences, U.A.E. Al-Ain, U.A.E.
October 1994	Mesopelagic Resources of the Gulf Region, FAO, Muscat, Oman
July 1994	Annual Meetings of the Fisheries Society of British Isles, Glassgow, Scotland, U.K.
May 1994	Gulf Symposium on Environmental Biology, University of Qatar, Doha, Qatar
April 1994	Symposium on Red Sea Marine Environment, King Abdulaziz Univ., Jeddah, Saudi Arabia
September 1993	Role of Youth on Nature Conservation, Muscat, Oman

September 1993	Asia-Pacific Symposium on Mangrove Ecosystem, Hong Kong
July 1993	Annual Meeting of the Fisheries Society of British Isles, Conway, Wales, U.K
June 1993	Second Meeting of the Global Task Team on the Implications of Climate Change on Coral Reefs, Miami, Florida, U.S.A.
December 1992	National Conservation Strategy for the Protection of the Environment, Muscat, Sultanate of Oman
June 1992	7th International Coral Reef Symposium, Guam, U.S.A.
February 1992	First Meeting of the Task Team on Implication of Climate Change in the Red Sea and Gulf of Aden, Ismailia, Egypt
March 1990	Zoological Society of Egypt, Cairo
October 1989	International Centre for Conservation Education, Cheltenham, U.K.
October 1989	Nature Conservancy Council, Taunton, U.K.
October 1989	British Museum (Natural History), London
September 1989	Laboratory of Marine Biology, Free University, Brussels, Belgium
September 1989	2nd European Conference on Echinoderms, Brussels, Belgium
October 1988	Senkerberg Natural History Museum, Frankfurt, West Germany
October 1988	Institute of Hydrobiology and Fisheries, Hamburg, West Germany
September 1988	Institute of Zoology & Zoological Museum, Hamburg, West Germany
September 1988	Biologische Anstalt Heligoland, Hamburg
August 1988	Great Barrier Reef Marine Park Authority, Townsville, Australia
August 1988	Australian Marine Science Institute, Townsville, Australia
August 1988	International Symposium on Cave Animals, Hamburg
August 1988	Joint Oceanographic Assembly, Mexico
August 1988	6th International Coral Reef Symposium, Australia
September 1986	British Museum (Natural History)
September 1986	University of Aberdeen, Scotland
September 1986	British Association for Advancement of Science, Bristol, U.K.
August 1986	Marine Biological Association, Plymouth
July 1986	National Museum of Wales, Cardiff
December 1985	Marine Research Station, Aqaba, Jordan
December 1985	Expert Meeting on Development of Marine Sciences in Arab Universities, Aqaba, Jordan (Sponsored by UNESCO)
October 1985	International Conference on the Conservation of Migratory Species of Wild Animals (Sponsored by UNEP, West Germany).
Aug.- Sept 1985	Mediterranean Youth Environment Conference, Egypt and Spain.
January 1985	Central Marine Fisheries Research Institute, Cochin, India.
January 1985	Symposium on Endangered Marine Animals and Marine Parks, Cochin, India
September 1984	British Museum (Natural History), London.
September 1984	British Museum of Natural History, Leiden, Holland
September 1984	Biologische Anstalt Helligolland (Central) Hamburg, West Germany.
September 1984	Institute of Hydrobiology & Fisheries, University of Hamburg, West Germany.
September 1984	University of Hamburg, West Germany
August 1984	University of Essen, West Germany
August 1984	University of Bochum, West Germany
August 1984	Frankfurt am-Main, West Germany
August 1984	Hessian State Museum, Darmstadt, W. Germany (Coral Reef Study).
July 1984	International Conference on Fish Feeding and Nutrition held in Aberdeen, Scotland
November 1983	International Conference on the Development of Lake Bardawil (Sinai) Fisheries, Al-Arish
October 1983	International Conference on the Protection of Cairo from pollution, Cairo, Egypt
October 1983	The First Arab Meeting for Youth and Environment, Cairo, Egypt
September 1983	Mabahis-John Marry International Symposium on Marine Science of the North-West

September 1982	Indian Ocean and Adjacent Waters, Alexandria
August 1982	4th European Ichthyological Congress, Hamburg Germany
April 1982	International Training Course on Wildlife, Sharm El-Sheikh.
February 1982	International Conference on Marine Science in the Red Sea (Al-Ghardaqa)
October 1978	International Training Course on Wildlife in Siani, Cairo, Egypt
September 1978	Bone and Tooth Society Meetings, Oxford
July 1978	Symposium on Skin of Vertebrates, London (Linnean Society of London and British Association of Dermatologists)
April 1978	Freshwater Biological Association, London
September 1976	Zoological Society of London (Fish Phenology)
October 1975	Second European Ichthyological Congress, Paris
November 1974	British Ecological Society, London
August 1972	Zoological Society of London (Fish Phenology)
	8th Conference for Arab Scientists, Cairo, Egypt

GUEST LECTURES

Nov. 2017	H.A.F. Gohar, King of the Red Sea. Academy of Scientific Research and Technology, Cairo, Egypt.
Oct. 2017	National monitoring program for biodiversity and non-indigenous species in Egypt. RAC/SPA/UNEP-MAP.
Oct. 2017	National Action Plan for Non Indigenous species in the Egyptian Mediterranean sea. RAC/SPA/UNEP-MAP.
Aug. 2017	Extension of Gohar's contribution to the unique place of the Red Sea. National Institute of Oceanography and Fisheries, Hurghada, Egypt.
Aug. 2017	Biodiversity Informatics in Egypt. Training workshop for Ain Shams University students.
June 2017	Marine Pollution: A critical challenge and opportunity for Sustainable Development, Egypt's Case. UN Ocean Conference.
16-18 May 2017	IFC Performance Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources - PICO
May 2016	Sustainable Development for Higher Education in Egypt. Climate Talk, Germany Embassy in Cairo.
7-9 Dec. 2015	Negotiations for Multilateral Environment Agreements (MEAs) A Regional Case Study (Egypt). Regional workshop ESM of Chemicals and Hazardous Wastes and Clearing-house Mechanism to Enhance Synergies under the Basel, Rotterdam and Stockholm Conventions for the Arab Countries, Sharm El-Sheikh.
7 - 9 Dec. 2015	Egyptian Experience in Clearing House Mechanism. Regional workshop ESM of Chemicals and Hazardous Wastes and Clearing-house Mechanism to Enhance Synergies under the Basel, Rotterdam and Stockholm Conventions for the Arab Countries, Sharm El-Sheikh.
14 Nov. 2015	Conservation of Biodiversity in Egypt. A lecture to Junior Journalists in Egypt, organized by Alexandria library, and held in Science Council, Cairo
November 2015	Recent Trends in Human Affairs and Marine Environment, with a prospective on the Egyptian Marine and Fisheries Resources. (5 th International Conference on Aquatic Resources (ICAR-05) National Institute of Oceanography & Fisheries (NIOF) Alexandria – Egypt
25 October 2015	3 rd National Report on Biodiversity in Egypt. National workshop organized by EEAA / GEF / UNEP, Cairo
15 October 2015	Higher education and sustainable development in Egypt. Climate Talk 32, German

	Embassy in Cairo.
4 - 6 Oct. 2015	Biodiversity Strategy in Egypt, organized by IUCN for North Africa, held in Cairo
Oct. 2015	Mainstreaming of Higher Education into Sustainable Development. Climate Talk 32, Cairo.
7 - 10 Sept 2015	Negotiations for MEAs: A regional Case Study (Egypt). National training workshop on negotiations for the multilateral environmental agreements (MEAs), Cairo, Egypt
27 -29 Aug. 2015	Recent trends in biodiversity conservation in Egypt. Workshop on awareness of governmental and NGOs on Biosafety protocol, Alexandria
27 -29 Aug. 2015	Features of the Biosafety protocol and the national legislation in Egypt. Workshop on awareness of governmental and NGOs on Biosafety protocol, Alexandria
12 -15 Aug. 2015	Introduction to CITES convention and its implementation in Egypt, with focus on illegal wildlife trade. Regional workshop for capacity building of custom officers in Arab Countries. Implementation of Basel Convention, Alexandria, Egypt
12 -15 Aug. 2015	Introduction to Cartagena protocol and the current situation of national legislation in Egypt. Regional workshop for capacity building of custom officers in Arab Countries. Implementation of Basel Convention., Alexandria, Egypt
August 2015	Sustainable Development through Biodiversity in Egypt. Stakeholder workshop on Sustainable Development Strategy in Egypt, Cairo. Funded by the World Bank.
August 2015	Egypt's Genetic Diversity in need to develop policies and processes to implement the multilateral system of access and benefit sharing under ITPGRFA / CBD / NP. 6 th Annual Arab Workshop on Biotechnology. National Research Center, Cairo, Egypt
July 2015	Role of Scientific research in biodiversity conservation. Academy of Scientific Research and Technology. Biological Commission.
June 2015	National Dialogue Initiative: GEF 6 and CBD, Cairo, GEF Secretariat and EEAA
May 2015	Overview of biodiversity and climate change issues of relevance to PERSGA Member States. PERSGA, Jeddah, S.A.
May 2015	Guide for negotiators of multilateral environmental agenda. PERSGA, Jeddah, S.A.
April 2015	Overview on Biodiversity convention and the need for young negotiators. PERSGA training workshop on the negotiations for the multilateral environmental agreements (MEAs), in the Red Sea and Gulf of Aden Countries, Jeddah, Saudi Arabia
March 2015	Significance of the World's Wildlife Day in Egypt. Cairo Library.
Feb. 2015	Biodiversity and Climate Change in Africa and MENA region. Alexandria Library
Feb 2015	Recent Biodiversity Strategic and Action Plan. Education, Scientific and Social dimensions to solve environmental problems in Egypt. University College for Girls. Cairo.
July 2014	Global Significance of the Mediterranean Sea - Spain
June 2014	Ecological and Biological significance of Nile Delta - Spain
May 2014	Biodiversity Strategy for Sustainable Development (NBSA, Cairo)
April 2014	Current state of Biosafety in Egypt, EPIC, Cairo
March 2014	Significance of the World Wildlife Day in Egypt, Cairo Library
Nov. 2012	Partnerships in Protected Areas of Egypt Bibliotheca - Alexandria
July 2012	Sustainable Development and Protected Areas submitted to Egyptian Forum for Sustainable Development
June 2012	Outcomes of RIO+20 presented at Arab Office for Youth and Environment
June 2012	Green Economy and Protected Areas – Modern Academy, Cairo
May 2012	Economics of Protected Areas New Innovative Approach in Egypt Cairo University
Feb. 2012	Preparations for RIO+20 in Sustainable Development Committee, Egypt
Dec.2011	New Trends Natural Marine Toxins. Egypt Toxicological Society
July 2011	Strengthening Protected Area Financing and Management Systems in Egypt. Inception Workshop UNDP/EEAA
Nov. 2010	Status of Biodiversity in Egypt - Bibliotheca - Alexandria

March 2010	Ecotourism in Egypt – American University in Cairo
Feb. 2009	Conservation and Management of the Geological World Heritage Site, Wadi Hitan, Fayoum, Egypt.
Dec. 2008	Recent approaches on the Genome of Marine Toxic Living Organisms. 3 rd International Conference on Natural Toxins - Egyptian Society of Natural Toxins, Cairo
Dec. 2008	Status of Biodiversity in Egypt. CBD / Arab League, Cairo
Sept. 2008	Goods and Services of Ecosystems case studies from Egypt. UNESCO-National Committee, Cairo
August 2008	Current Touristic Coastal Development and their impacts on Biodiversity, Hurghada
July 2008	Exsitu Conservation in Egypt 3 rd International Conference on Environment, Ismailia, Egypt
June 2008	Coral Bleaching in the Egyptian Red Sea Int. Environment Day, EEAA, Cairo, Egypt
April 2008	International Workshop on Evaluating Climate Change & Development - Bibliotheca - Alexandria
March 2008	Strategy of Egyptian Wetlands National Committee on Wetlands
November 2007	Current Status of Bird Flu in Egypt. Workshop at Arab League, Cairo
August 2007	Biodiversity Planning and Achievement in Egypt. EEAA, Cairo
July 2007	Socio-Economics & Human Health Impacts of Genetically Modified Organisms (GMOs) 2 nd International Conference on Environment. Ismailia, 2007
June 2007	Case studies of climate changes in Egypt. International Environment Day, EEAA, Cairo, Egypt
May 2007	Ecotourism and Protected Areas in Egypt. 5 th International Conference Environment (Environment 2007), Cairo, Egypt.
April 2007	Services and products of the desert ecosystems, with emphasis on Protected Areas in Egypt. National Commission of UNESCO, Cairo.
March 2007	Genetically Modified organisms: Application of Cartagena Protocol, CBD, Academy of Scientific Research and Technology, Cairo.
February 2007	Status of Protected Areas in Egypt. Ministry of Justice, Cairo
January 2007	Goods & Services of Ecosystems in Egypt – Academy of Scientific Research & Technology
November 2006	Socioeconomics of Genetically Modified Organism. 3 rd International Conference Toxicology, Cairo, Egypt.
September 2006	Status of Biodiversity Conservation in Egypt, 3 rd International Conference Sustainable Development, Alexandria, Egypt.
July 2006	Biodiversity of Botanical Gardens in Egypt. 2 nd International Conference Botanical Gardens, Cairo, Egypt.
July 2006	Genetic Resources of Egypt. International Conference Environment. Ismailia, Egypt.
June 2006	Treasures of the Desert. International Environment Day, EEAA, Cairo
June 2006	Biodiversity and Scientific Research. Al-Azhar University, Cairo.
April 2006	Development of Qaroun Lake Protected Area, Fayoum University
February 2006	Measures Taken in Egypt Against Bird Flu. Ministry of Petroleum, Cairo.
January 2006	Institutional Reform of Nature Conservation Sector, EEAA, Cairo.
November 2005	Master Plan of Fayoum, with Emphasis on Ecotourism in the Protected Areas, EEAA, Cairo
August 2005	Wadi El-Hitan – Natural World Heritage site (A presentation to the Prime Minister)
2005	The great Rift Valley and the World Heritage Convention, Arab League Meeting on World Heritage Sites, Cairo
2005	Cultural & Natural Landscapes of Elba Protected Area & their Management
2005	Effective Management of Marine Protected Areas in the Egyptian Red Sea
2005	Nature Conservation between present needs & future challenges
2005	Egyptian Seas: Dead or Alive
2004	Conservation of Biodiversity & Ecosystem Management in Islands of the Nile River

2004	Ministry of Environment's Effort in Nature Conservation in Egypt
2004	New Perspective for Conserving Cultural Heritage – Protected Areas
2004	Role of Protected Areas in Conservation & Sustainable Development in Egypt
2004	Protected areas and conserving medicinal plants aromatic - Annual meeting of the Egyptian of Medicinal plants.
Aug / Sept. 2003	IUCN – A status report on the protected area network of Egypt - Durban - South Africa
2003	International trends in Biodiversity and Taxonomy
2003	Protected Areas and Ecotourism in Egypt: – socioeconomic development.
2003	IUCN - Threatened Species in Egypt – List of threatened & Protected Fauna & Flora in Egypt
Sept. 2002	Biodiversity & Water: World Meteorological Organization -Water - Energy & Climate Special Environmental Issues - in Johannesburg
2002	Nature Conservation in Egypt – An overview of History, Achievements & the future agenda
2002	Implications of Climate Change on the Red Sea Environment. EEAA, Cairo
June 1988	"Bird Fauna of Egypt" Love Tree Association, Cairo, Egypt
February 1988	"Forests of the Red Sea". Love Tree Association, Cairo, Egypt
November 1987	"Fish & Fisheries of Wadi El-Rayan". Zool Soc., Egypt
November 1987	"On the Benthic Biota of Bardawil Lagoon". Zool. Soc., Egypt
September 1985	"Marine Biology of Egypt", Cairo, Egypt.
August 1985	"Introduction to Egyptian Environment", Mediterranean Youth Environment Conference, Cairo, Egypt
January 1985	"Status of some endangered marine animals and marine parks in the Red Sea". Symposium on Endangered Marine Animals & Marine Parks, Cochin, India
August 1984	"Ecology of Wadi El-Rayan Lakes". University of Essen, West Germany
July 1984	"The Mineral Composition of <i>Tilapia nilotica</i> tissues". International Conference, Fish Feeding & Nutrition, Aberdeen, Scotland
March 1984	"Marine Research in Egypt". University of Aston, Birmingham England.
September 1983	"Marine Pollution in the Arab World". The First Arab Meeting for Youth and Environment. Al-Ahram, Cairo, Egypt
June 1983	"Development of Fisheries in Lake Bardawil". Training Course organized by General Authority for Development of Fish Resources. Al-Arish, Sinai
August 1982	"Biography of the Red Sea". International Training Course on Wildlife, Sharm El-Sheikh, Sinai
May 1982	"Pollution of the Red Sea". Egypt Soc. Prot. Nat. Resources
February 1982	"Freshwater and Desert Ecology". Ministry of Education, Training Centre, Cairo, Egypt
April 1981	"Wonders of the Red Sea". Suez Canal University
January 1980	"Systematics and Biology of a Red Sea goby <i>Silhouettea aegyptia</i> . Symposium on the Coastal & Marine Environment of the Red Sea & Gulf of Aden"
December 1978	"Calcification of Fish Scales". MRC Bone Research Laboratory Nuffield Orthopedic Centre, Oxford
April 1978	"Studies on seasonal cycles in fish scales". Institute of Orthopaedics University of London, Royal National Orthopaedic Hospital, Stanmore
January 1978	"Structure of Fish Scales". Dental & Medical School, University of Bristol.
December 1977	"Alkaline phosphatase in fish scales". Department of Chemical Pathology, University of Sheffield Medical School

ADVISOR COMMITTEE - SUPERVISION OF MSc. & Ph.D. THESES

2000-Present	Reviewer of candidates for Professors and Associated Professors
M.Sc 2015	Ecotourism in Protected areas in Egypt, Sadat University

- M.Sc. 2015 Ecological studies on some crab species in the Mediterranean Sea, Al-Azhar
- Ph.D. 2013 Application of GIS in conservation of Endangered Species in Egypt, Alexandria University
- M.Sc. 2011 Ecological Studies on some marine invertebrates at Abu Galloum Protected Areas
- M.Sc. 2011 Ecological Studies on Egyptian Gazelle, South Sinai
- M.Sc. 2010 Impacts of Tourism on Coral Reefs in Egypt
- M.Sc. 2010 Evaluation of Mangroves in Egypt
- Ph.D. 2009 Towards Evaluation of Ras Mohamed National Park Natural Resources using GIS & Remote Sensing Techniques
- MSc. 2009 Ecological Relationship between Marine Benthos Inhabiting Mangrove Habitats in the Red Sea Coast, Safaga
- MSc. 2006 Ecotourism in the Protected Areas. Ain Shams University.
- Ph.D. 2006 Biological & Physiological Studies fresh water lobster in Egypt
- Ph.D. 2006 Environmental Crisis and Environmental Catastrophes on Coastal Area for Abu Dhabi / Emirates
- MSc. 2006 Cost-Benefit Analysis of Environmental Impact Assessment for Aquaculture Projects (Case study of Wadi El-Rayan Protected Area)
- Ph.D. 2005 Sedimentological studies of the accumulated salts and their environmental hazardous at El-Ratma Dameitta-Egypt
- MSc. 2005 Ecological and Biological Studies in Some intertidal Benthic Communities in Suez Gulf, Red Sea, Egypt
- MSc. 2005 Some ecological and biological aspects of the Crown of Thorns (*Acanthaster Planci*) on coral communities of the northern Red Sea
- Ph.D. 2005 Environmental Management of Coral Reef Ecosystem in the Red Sea
- M.Sc. 1998 Evaluation of Fisheries Extension System in the Sultanate of Oman
- Ph.D. 1996 Biological Control of Intermediate Hosts of *Schistosomiasis* Snails by Fishes
- PhD. 1996 Reproductive Energetics of Gobioid Fishes
- MSc. 1996 Evaluation of Omans Fisheries
- Ph.D. 1995 Ecology of Cyprinodont Fishes in Suez Canal
- PhD. 1995 Biology of Gobioid Fishes
- MSc. 1994 Ecology of Mangroves in Oman
- MSc. 1994 Feeding ecology of some Freshwater molluscs
- PhD. 1992 Biological Studies on some brachyuran crabs of the Suez Canal
- PhD. 1992 Evaluation of fish silage in nutrition of fishes
- MSc. 1992 Biology of mullets from the Suez Canal Lakes
- PhD. 1991 Ecological studies on the Bivalves of the Suez Canal
- PhD. 1991 Ecological studies on gastropods of the Suez Canal and Bardawil Lakes
- MSc. 1991 Biology of small-size fishes inhabiting mangroves of the Red Sea
- PhD. 1990 Physiological studies on some domesticated birds and mammals
- MSc. 1990 Biological studies on *Atherina spp.* from Timsah and Bitter Lakes, Suez Canal
- PhD. 1990 Taxonomical and Zoogeographical Studies on *Ophiuroidea* (Echinodermata) from the Red Sea
- MSc. 1990 Studies on the Biological Control of Intermediate Hosts of *Schistosomiasis* by some Nile fishes
- PhD. 1989 Biology of *Tridacna sp.* from the Red Sea
- MSc. 1989 Biological value of fish silage supplemented used in feeding/growing fishes
- MSc. 1989 Ecological Studies on *Aphanius spp.* from Suez Canal Lakes
- MSc. 1989 Heavy Metal Pollution on Fishes from the River Nile
- PhD. 1988 Development of Ricefield Fish Farming in Egypt
- MSc. 1987 Jellyfish Dermatitis
- MSc. 1987 Feeding Requirements of the Grass Carp
- MSc. 1986 Structure and Ecology of Red Sea Coral Reefs
- MSc. 1986 Ecology of Red Sea Molluscs (Gastropoda)

MSc. 1986	Ecology of Red Sea Coral Reef Fishes (Surgeonfishes)
MSc. 1986	Ecology of Red Sea Coral Reef Fishes (Damsel fishes)
MSc. 1986	Red Sea Echinoderms (Biological and Ecological Studies)
MSc. 1985	Parasitic Protozoa in domesticated birds
PhD. 1982	Feeding Ecology of Lake Manzalla Fishes

PUBLICATIONS / REPORTS

- Fouda, M.M. (2019). Exceptional Change: Is it possible to manage climate risks in the arctic? International Politics Journal Egypt. 215:180 – 185
- Fouad, M. (2018a). Integrated Coastal Zone Management (ICZM) in Egypt – a scoping study, financed by the Adaptation to climate change in the Nile Delta through integrated coastal zone management project. Case study submitted to Egypt's 6NR.
- Fouad, M. (2018b). Enhancing climate change adaptation in the North Coast of Egypt. Case study submitted to Egypt's 6NR.
- Fouda, M.M. (2018a). Bird hunting along Egypt's Mediterranean coast. LIFE-ENPE Wildlife Working Group and CMS joint training workshop. Segovia, Spain.
- Fouda, M.M. (2018b). Egypt's efforts in protection and conservation in 25 years. Presentation at 2nd workshop on 6NR.
- Fouda, M. M. (2018c). Mainstreaming of biodiversity in the energy and mining, infrastructure, manufacturing and processing. Presentation at SPI 2, Montreal, Canada.
- Fouda, M. M. (2018d). National report on the implementation of the RAMSAR convention on wetlands. [National reports Ramsar.org](http://Nationalreports Ramsar.org). 53 pages.
- Fouda, M.M. (2017). The challenge of science-policy society Interfacing: A personal experience from a developing country. IPBES (abstract).
- Fouda, M.M. (2017a). H.A.F. Gohar, King of the Red Sea. Academy of Scientific Research and Technology, Cairo, Egypt.
- Fouda, M.M. (2017b). Extension of Gohar's contribution to the unique place of the Red Sea. National Institute of Oceanography and Fisheries, Hurghada, Egypt.
- Fouda, M.M. (2017c). Marine Pollution: A critical challenge and opportunity for Sustainable Development, Egypt's Case. UN Ocean Conference. 12 pages.
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RESEARCH ACTIVITY

Ecology and conservation of marine mammals, and other pelagic megafauna, patterns in habitat and resource utilization, interactions with human activities.

ACADEMIC RECORDS

April 1992 : PhD thesis in biological oceanography, Université de Bretagne Occidentale, Brest, France.

June 1984 : MSc thesis in biological oceanography, Université de Bretagne Occidentale, Brest, France.

PROFESSIONAL RECORDS

2001-2017 : Director of *Observatoire PELAGIS* (formerly *Centre de Recherches sur les Mammifères Marins*) ;

Since 1998 : Professor at *Université de La Rochelle* ;

1990-1998: Deputy Scientific Director of *OCEANOPOLIS*, the aquarium and marine science museum in Brest, France.

EXPERTISE

- expert in marine mammal ecology and conservation for the Ministry in charge of the environment (MTES);
- head of French delegation at IWC scientific committee (2002 to present);
- Member of the ACCOBAMS scientific committee (2017-2019);
- Member of Scientific Council of the French MPA Agency (2007-2016);
- Chair of Scientific Council of the French MPA Agency (2013-2016);
- Member of the French Committee for Polar Environment (2010-2016).

RESEARCH PROJECTS

- PI of marine mammal monitoring programmes under agreements with Ministry in charge of environment (since 2001)
- PI of aerial censuses for pelagic megafauna across French EEZ: REMMOA (2008-2012; 2014-2015; 2017-2020)
- PI of aerial censuses for pelagic megafauna across French EEZ: SAMM (2011-2014)
- PI of project « Ecology and conservation of coastal dolphins in Mayotte » (CG Mayotte, ONCFS, ULR, 2007-2009)
- Participation to SCANS-II (*Life Nature*, 2005), SCANS-III (2016) and ASI (2018)
- Participation to PETRACET (FP6), 2005-2006 and NECESSITY (FP6), 2004-2007.
- PI of the project 'impact of the *Erika* oilspill on small cetaceans in the Bay of Biscay', Ifremer-INNERIS, 2001-2003.
- participation to BIOCET (FP 5; EVK3-2000-0027), 2001-2003.
- PI '*Contrat nature Mammifères Marins*', Océanopolis-Bretagne-DIREN Bretagne, 1994-1998.
- PI of the project 'habitat use by marine mammals in the Iroise Sea', Océanopolis-CG29-Minist. de l'Env., 1991-1994.

DOCTORATE SUPERVISION (1994 TO PRESENT)

- Liret, C. (1994-2001). Domaine vital, utilisation de l'espace et des ressources : les grands dauphins, *Tursiops truncatus*, de l'île de Sein. Université de Bretagne Occidentale. (supervision : 15% L. Quiniou, **85% VR**)
- Vincent, C. (1998-2001). Bases écologiques de la conservation du phoque gris *Halichoerus grypus* en mer d'Iroise. Université de Bretagne Occidentale. (supervision : **100% VR**).
- Lidgard, D. (2000-2003). Stratégies et succès de reproduction des phoques gris (*Halichoerus grypus*) mâles en liaison avec l'âge et la condition des individus. Université de La Rochelle / Smithsonian Institute, Washington DC, USA. (supervision : 80% D. Bonness, **20% VR**)
- Pusineri, C. (2001-2005). Niches alimentaires et partage des ressources : les petits cétacés du golfe de Gascogne. Université de La Rochelle. (supervision : **100% VR**)
- Certain, G. (2004-2007) Distribution spatiale des prédateurs du golfe de Gascogne en relation avec les paramètres environnementaux. Université de La Rochelle/CEBC-CNRS. (supervision : 70% V. Bretagnolle, **30% VR**)
- Kiszka, J. (2007-2010). Ségrégation écologique au sein d'une communauté de delphinidés tropicaux : utilisation de l'espace et des ressources et fonctionnement social. Université de la Rochelle/Collectivité Départementale de Mayotte (supervision : **100% VR**)
- Spitz, J. (2008-2010). Stratégies alimentaires et énergétique de la prédation chez les mammifères marins Université de la Rochelle/Parc Zoologique de La Flèche (supervision : **100% VR**)
- Peltier, H. (2008-2011). Cétacés et changements environnementaux : développement et tests d'indicateurs d'état de conservation en vue d'établissement de stratégies de surveillance. Université de la Rochelle (supervision : **100% VR**)
- Aubail, A. (2008-2010). Etudes des variations spatiales et temporelles du mercure en Arctique : utilisation des dents et des poils des prédateurs supérieurs comme tissus de biomonitoring. Université de la Rochelle (supervision : 60% F. Caurant, 35% R. Dietz, **5% VR**).
- Mannocci, L. (2010-2013). Distribution des prédateurs supérieurs : rôles comparés des facteurs physiographiques, océanographiques et biologiques. Université de la Rochelle (supervision : **100% VR**)
- Thiers, L. (2011-2014). Mise en place d'Aires Marines Protégées : utilisation des prédateurs supérieurs pour déterminer les zones d'importance pour la biodiversité. Université de La Rochelle (supervision : 90% Henri Weimerskirch, **10%VR**).
- Lambert, C. (2013-2016). Variabilité de l'utilisation des habitats pélagiques par les prédateurs supérieurs marins: enseignement pour la conservation des espèces marines mobiles. Université de La Rochelle (supervision : **100%VR**).
- Virgili, A. (2014-2017). Modélisation des habitats et des risques d'exposition sonore des baleines à bec, Ziphiidés. Université de La Rochelle (encadrement : Pascal Monestiez 40%, **60%VR**)
- Lapijover, A. (2015-2018). Révéler la dimension sociale des interactions entre les pêcheries et les petits cétacés. Université de La Rochelle (encadrement : Nicolas Becu 50%, **50%VR**)
- Rouby, E. Démographie des petits cétacés dans un contexte d'évaluation des captures accidentelles. Université de La Rochelle (encadrement : Matthieu Authier 50%, **50%VR**)

6 REPRESENTATIVE RECENT PAPERS (2015 TO PRESENT)

- Mannocci, L., Monestiez, P., Spitz, J., **Ridoux, V.** (2015) Extrapolating cetacean densities beyond surveyed regions: habitat-based predictions in the circumtropical belt. *Journal of Biogeography*, doi:10.1111/jbi.12530.
- Peltier, H., Authier, M., Deaville, R., Dabin, W., Jepson, P.D., Van Canneyt, O., Daniel, P., **Ridoux, V.** (2016). Small cetacean bycatch as estimated from stranding schemes: The common dolphin case in the northeast Atlantic. *Environmental Science & Policy* 63: 7–18

- Grémillet, D., White, C.R., Authier, M., Dorémus, G., **Ridoux, V.**, Pettex, E. (2017). Ocean sunfish as indicators for the 'rise of slime'. *Current Biology* 27-23 : R1263-R1264 <https://doi.org/10.1016/j.cub.2017.09.027>
- Authier M., Dorémus G., Van Canneyt O., Boubert J.-J., Gautier G., Doray M., Duhamel E., Massé J., Petitgas, P., **Ridoux V.**, Spitz J. (2018) Exploring change in the relative abundance of marine megafauna in the Bay of Biscay, 2004-2016. *Progress in Oceanography*, <http://dx.doi.org/10.1016/j.pocean.2017.09.014>
- Lambert, C., Authier, M., Doray, M., Dorémus, G., Spitz, J., and **Ridoux, V.** (2018) Hide and seek in the Bay of Biscay—a functional investigation of marine megafauna and small pelagic fish interactions. *ICES Journal of Marine Science*, doi:10.1093/icesjms/fsy143.
- Virgili, A., Authier, M., Boisseau, O., Cañadas, A., Claridge, D., Cole, T., Corkeron, P., Dorémus, G., David, L., Di-Méglio, N., Dunn, C., Dunn, T.E., García Barón, I., Laran, S., Lauriano, G., Lewis, M., Louzao, M., Mannocci, L., Martínez-Cedeira, J., Palka, D., Panigada, S., Pettex, E., Roberts, J.J., Ruiz, L., Saavedra, C., Santos, M.B., Van Canneyt, O., Vázquez Bonales, J.A., Monestiez, P., **Ridoux, V.** (2019) Combining multiple visual surveys to model the habitat of deep-diving cetaceans at the basin scale. *Global Ecol Biogeogr.* 28: 300–314. <https://doi.org/10.1111/geb.12850>

Name, Surname Natia Kopaliani

Department, Discipline, Academic Status

Full professor; Animal Behavior; Conservation Biology

Position

Head of the Program for the Ecology and Conservation of Large Mammals, Institute of Ecology, Ilia State University

About

Biography

Graduated from Tbilisi (Ivane javakhishvili) State University (Biology, zoology) (1988). PhD in Ecology from Institute of Zoology, Georgian Academy of Sciences, 2002. The doctoral research on the Ontogenesis of play behavior in wolf (*Canis lupus*). Work Experience: Tbilisi State University, Faculty of Biology, Department of Zoology (1988-2006) (Assistant professor, Assoc. professor); Georgian University SDASU, Tbilisi Medical College (1996-1997) (Lecturer); NACRES (Biodiversity Conservation and Research/non-governmental organization) (1989-2006) (Academic Education Program, Head).

Since 2006, full professor at Ilia State University, head of the program for the Ecology and Conservation of Large Mammals.

Has been involved in over ten international projects in fields of Conservation Biology and Ecology.

Studies largely in ecology of terrestrial and marine large mammals and in conservation biology.

Scientific interests / research interests

- Animal Behavior
- Conservation Biology
- Conservation Genetics
- Human – Large Carnivore conflict
- Black Sea Cetaceans

Participation in Scientific Grant Projects

Years	Role in the Project	Name of the Project	Donor Organization
2017	Research Director	Cetacean Survey in Nearshore Waters of Anaklia	ANAKLIA DEVELOPMENT CONSORTIUM
2017	Research Scientist	Implementation of Black Sea Cetacean Conservation Action Plan	Kolkheti Protected Areas' National Fund
2015-2016	Researcher	Black Sea Cetacean Conservation Action Plan for Georgian Territorial Waters	Kolkheti Protected Areas' National Fund
2015	Research Director	Black Sea Cetacean Monitoring Program for Georgian Territorial Waters	Kolkheti Protected Areas' Development Fund
2014	Researcher	Black Sea Cetacean Monitoring Program for Georgian Territorial Waters	Kolkheti Protected Areas National Fund
2014	Researcher	Monitoring of Mountain Ungulates Populations in Georgia	Ministry of Environment and Natural Resources of Georgia
2013	Researcher	Monitoring of Large Mammals populations in Georgia	Ministry of Environment and Natural Resources of Georgia
2012	Researcher	Black Sea Biodiversity. Situation Analysis	GIZ

2010-2013	Legal Entity Appointed Representative	Biodiversity of East-European and Siberian large mammals on the level of genetic variation of populations – BIOGEAST	Seventh Framework Programme, Marie Curie Actions – People, International Research Staff Exchange Scheme
2007-2009	Research Director	Human-wolf conflict in Georgia: actual and virtual problems in an area where wolf is still an influential part of natural ecosystems	GNCf
2007	Project Manager	Exploring biodiversity of the Caucasian “biodiversity hotspot” with modern molecular-genetic methods and analytical tools	Georgian Centers of Research and Education (CoRE) Program
2005-2006	Coordinator	Conservation of <i>Capra cylindricornis</i> and <i>Capra caucasica</i> in Georgia	CEPF/WWF Caucasus Office
2003-2004	Assistant	Georgia Protected Areas Development Project	WB/GEF
1996-1997	Coordinator	Assessment Research for Brown Bear (<i>Ursis arctos</i>) Recovery in Georgia	World Society for the Protection of Animals -WSPA
1990-1995	Assistant to Coordinator	Wolf re-stocking project	“Mgeli” fond and Grupo Lobo

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Publications

Shakarashvili M., Kopaliani N., Gurielidze Z., Ninua L., Dekanoidze D. & Tarkhnishvili D. 2019. Population genetic structure and dispersal patterns of grey wolf (*Canis lupus*) and golden jackal (*Canis aureus*) in Georgia, the Caucasus (In Press)

Natia Kopaliani, Zurab Gurielidze and Levan Ninua. 2017. Records of anomalously white harbour porpoises and atypical pigmented short-beaked common dolphin in the Georgian Black Sea waters. J. Black Sea/Mediterranean Environment. Vol. 23, No. 1: 66-74 (2017)

Rutkowski R., Krofel M., Giannatos G., Cirovic D., Volokh A., Lanszki J., Heltai M., Szabó L., Männil P., Ovidiu C., Yavruyan E., Hayrapetyan V., Kopaliani N., Miliou A., Tryfonopoulos G., Lymberakis P., Penezic A., Giedre P., Suchecka E & Bogdanowicz W. 2015. A European concern? Genetic structure and expansion of golden jackals (*Canis aureus*) in Europe and the Caucasus. November 5, 2015 <https://doi.org/10.1371/journal.pone.0141236>

Kopaliani N., Shakarashvili M., Gurielidze Z., Qurkhuli T., Tarkhnishvili D. 2014. Gene flow between wolf and shepherd dog populations in Georgia (Caucasus). *Journal of Heredity*(2014)doi: 10.1093/jhered/esu014

Pilot M., Dabrowski Michał J., Yavruyan E., Kopaliani N., Tsingarska E., Bujalska B., Kaminski S., Bogdanowicz W. 2014. Genetic variability of the grey wolf *Canis lupus* in the Caucasus in comparison with Europe and the Middle East: Distinct or intermediary population? *PLoS ONE*. Volume 9, Issue 4: e93828. doi:10.1371. April 2014.

Murtskhvaladze M, Gurielidze Z, Kopaliani N, Tarkhnishvili D. 2012. Gene introgression between *Gazella subgutturosa* and *G. marica*: limitations of maternal inheritance analysis for species identification with conservation purposes. *Acta Theriologica*, 2012

Kopaliani N. & Gurielidze Z. 2009. Status of Turs in Georgia and Conservation Action Plan CEPF, WWF. assets.panda.org/downloads/cepf_caucasus_web_1.pdf

Mallon D., Weinberg P. & Kopaliani N. 2007. Status of the Prey Species of the Leopard in the Caucasus. IUCN. Species Survival Commission. Cat Specialis Group. Stampfli Publikationen AG, Bern, Switzerland

Lortkipanidze B., Darchiashvili G. & Kopaliani N. 2004. Leopard in Georgia (new evidence). *Proceedings of the Institute of Zoology (Georgian Academy of Science)*. Tbilisi

Kopaliani N. 2002. The role of play in the formation of social behavior in the wolves. *Proc. Georgian Acad. Sci., Biol. Ser. A*, 2002, vol.28

Kopaliani N. 2000. The significance of playing signals for the formation of social sensitivity in wolves. *World of Psychology*. #4 (24). Moscow

Badridze J. Gurielidze Z. Butkhuzi L, Kopaliani N. 1998. Wolf II: Formation of predatory and hunting behavior in the captive raised wolves. *Metsniereba*. Tbilisi

Kopaliani N. 1997. The role of play in the formation of hunting behavior in the wolves. *Scientific Research in the Zoos and Aquarius EAZA/Moscow*

- **National Biodiversity Conservation Reports**

Kopaliani N., Gurielidze Z., Javakhishvili Z., Devidze N., Ninua L., Dekanoidze D., Shvelidze T. 2017. Cetacean Survey in Nearshore Waters of Anaklia (Black Sea, Georgia). Funded by the Anaklia Development Consortium

Kopaliani N., Gurielidze Z., Devidze N., Ninua L., Dekanoidze D., Javakhishvili Z. 2015-2017 Monitoring of Black Sea Cetacean in Georgian Waters and Indication of Core areas in Georgian Black Sea. Report for the Ministry of Natural Resources and Environment Protection of Georgia. Supported Kolkheti Protected Areas' Development Fund

Kopaliani N., Gurielidze Z., Devidze N., Shakarashvili M. 2016. Action Plan for the Conservation of Black Sea Cetacean In Territorial Waters of Georgia (for the Ministry of Natural Resources and Environment Protection of Georgia). Supported Kolkheti Protected Areas' Development Fund

Gurielidze Z., Kopaliani N., Devidze N., Ninua L., Dekanoidze D., Javakhishvili Z., Paposhvili N., Qerdikoshvili N. 2014. Monitoring of Black Sea Cetacean in Georgian Waters. Report for the Ministry of Natural Resources and Environment Protection of Georgia. Supported by Kolkheti Protected Areas' Development Fund

Gurielidze Z., Kopaliani N., Devidze N., Shakarashvili M., Javakhishvili Z. 2012. Black Sea Biodiversity. Situation Analysis. NBISEP. Supported by GIZ (Die Deutsche Gesellschaft für Internationale Zusammenarbeit)

- **Books**

Kopaliani N. 2002. Introduction to the Conservation Biology. Tbilisi. Supported by UNDP; GF; NACRES

Kopaliani N. 2017. Cetaceans in the Black Sea: Marine People Next To Us (in Georgian). Funded by Kolkheti Protected Areas' Development Fund (prepared for publication)

Courses

- **Current Courses**

- Bachelor's level*

- Zoology (Autumn Semester)

- Cooperation and Conflict in Animal Societies (Spring Semester)

- Master's Level*

- Mammalogy (Theriology) (Autumn Semester)

- Ecological Research Methods (Autumn Semester with prof-s D. Tarkhnishvili and O. Abdaladze)

- Behavioral Ecology (Spring Semester)

- **Course Catalog**

- Master's Level*

- Since 2010: Ecological Research Methods (Autumn Semester with prof-s D. Tarkhnishvili and O. Abdaladze)

- Since 2007: Mammalogy (Theriology) (Autumn Semester)

- Since 2007: Behavioral Ecology (Spring Semester)

- Animal Adaptive Strategies (2007-2012)

- Wildlife and Habitat Diversity (2011-2013)

- Bachelor's level*

- Since 2011: Cooperation and Conflict in Animal Societies (Spring Semester)

- Since 2007: Zoology (Autumn Semester)

- Human and Animal Behavior: similarities and differences (2009-2012)

- Diversity of Life (2006-2008)

- Doctoral level*

- Evolution of Social Systems. Ecological Aspects (2011-2104)

Additional Information

Since 2009 supervised 14 MSC thesis

Contact Information

- **E-mail** natia_kopaliani@iliauni.edu.ge

- **Telephone No.**
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-
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ISU Room F-304; Cholokashvili 3/5 Avenue, Tbilisi 0162, Georgia

MAHFOUZ CELINE, PhD

DATE OF BIRTH: JANUARY 02, 1987

NATIONALITY: LEBANESE

SAHEL ALMA, LEBANON

TEL: +961 70 106 332

EMAIL: celine.mahfouz@gmail.com

EDUCATION

- 2011 – 2014** **PhD in Chemistry, Geosciences, Ecology and Oceanography : "An assessment of the chemical contamination and the diet changes of the harbour porpoise *Phocoena phocoena* stranded along the southern North Sea"**
University of Littoral Côte d'Opale (ULCO), Laboratory of Oceanology and Geosciences, Wimereux, France
National Centre for Marine Sciences, CNRS, Batroun, Lebanon
- 2008 – 2010** **Masters in Environmental treatments**
Lebanese University – Faculty of Sciences II – Lebanon
- 2005 – 2008** **BS in Chemistry**
Lebanese University – Faculty of Sciences II – Lebanon

WORK AND RESEARCH EXPERIENCE

- April 2015- present** **Research Scientist**
National Centre for Marine Sciences, CNRS, Batroun, Lebanon
Main research topic : Contamination of the Lebanese coast
- October 2018 - present** **Supervision of a PhD student**
University of Pau (UPPA), IPREM, Pau, France
National Centre for Marine Sciences, CNRS, Batroun, Lebanon
New Frontiers for Fate and Characterization by Non Target Screening of “Emerging” Contaminants and their relative ByProducts & Metabolites in Lebanese Marine Ecosystems.
- October 2016 - present** **Supervision of a PhD student**
University of Littoral Côte d'Opale (ULCO), Laboratory of Oceanology and Geosciences, Wimereux, France
National Centre for Marine Sciences, CNRS, Batroun, Lebanon
Transfert des éléments toxiques (chimiques et organiques) à travers les compartiments biologiques dans le milieu marin Libanais.
- March 2017- present** **Supervision of a Masters student**
Lebanese University, Faculty of Sciences II, Lebanon
Expertise et traitement en Environnement
Distribution des éléments traces métalliques dans les sédiments marins de Dora
- March – May 2013** **Supervision of a Masters student**
University of Sciences and Technologies of Lille, Lille 1 – France
Training for a Masters in Ecology – Fonctionnement et Gestion des Ecosystèmes Marins (FOGEM)
Comparison of metal contamination levels in Harbour porpoises (*Phocoena phocoena*) stranded along the southern North Sea and the Bay of Biscay

- February – July 2010 Training**
National Centre for Marine Sciences, CNRS – Batroun – Lebanon
 Analysis of trace elements (lead and cadmium) in sediments and mussels along the Lebanese coast – Analysis on Atomic Absorption Spectrometry
- May 2009 Training**
Analysis Laboratory for drinking water – Dbayeh – Lebanon
 Analysis of physicochemical parameters, microbiological and undesirable substances in drinking water

TEACHING EXPERIENCE

- Fall 2014 - present** Saint Joseph University - Faculty of Sciences
 Course: "Ecosystèmes Marins et Cétologie"
 Master 1 and 2 SGE "Sciences et Gestion de l'Environnement"
- Spring 2017** Lebanese American University – School of Arts and Sciences
 Department of Natural Sciences
 Course: "Quantitative Analysis"

TECHNICAL SKILLS

- Chemistry**
- Metal mineralization and analysis in sediments and biological tissues by ICP-MS and ICP-AES
 - POPs (Persistent Organic Pollutants) extraction and analysis in biological tissues by GC-MS
- Biology**
- Extraction and analysis of Fatty Acids by GC-MS
 - Stable isotopes analysis ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) by IR-MS coupled to an isotope ratio mass spectrometer N-C-S
 - Stomach content analysis
 - Fish otolith microstructure analysis
- Statistical analysis**
- Mean comparison tests
 - Multivariate analysis (ACP and AFC)
 - Stable Isotope Analysis in R (SIAR)
 - Analysis of Multivariate Data from Ecology and Environmental science using PRIMER V5

EXTERNAL TRAININGS AND WORKSHOPS

- June 2019**
- Jounieh, Lebanon
 ACCOBAMS and SPA/RAC joint workshop
 ASI/EcAp workshop on the estimation of cetacean abundance and survival rate using MARK and DISTANCE software
- October 2018**
- Dolmen hotel, Malta
 QUIETMED project
 "Practical aspects related to the implementation of a regional monitoring programme of underwater noise"
- October 2018**
- Byblos, Lebanon
 ACCOBAMS in collaboration with SPA/RAC, IUCN Med, MedPAN and CNRS-L, "ACCOBAMS training courses on photo id and databases for experts"
- April 2018**
- La Spezia, Italy
 Workshop during the 32nd ECS Conference
 "Joint ACCOBAMS/ASCOBANS/IWC workshop on marine debris and cetacean stranding" and "Towards understanding the overlap of selected threats and Important Marine Mammal Areas (IMMAs) across the Mediterranean Sea"

April 2017	<ul style="list-style-type: none"> • Middelfart, Denmark Workshop during the 31st ECS Conference "Inputs to the ACCOBAMS ongoing effort to map human threats on cetaceans in the Mediterranean and Black Sea"
October 2016	<ul style="list-style-type: none"> • Beirut, Lebanon Lebanese Petroleum Administration (LPA) in collaboration with the UNDP Sustainable Oil & Gas Development in Lebanon "SODEL" Project: Lebanon National Oil Spill Contingency Plan, Training on the NOSCP roles and responsibilities and drill to test the plan effectiveness
June 2016	<ul style="list-style-type: none"> • Xiamen University, Xiamen, China Training course on Marine Radiochemistry: Basics of radioactivity, radio isotopes as tracers in the sea, impact of radionuclides on marine ecosystem
October – November 2015	<ul style="list-style-type: none"> • Pesaro, Italy Use of molecular tools for the identification of the structure of toxic benthic microalgal populations Project: M3HABs, Risk monitoring, Modeling and Mitigation of Benthic Harmful Algal Blooms along Mediterranean coasts
September 2015	<ul style="list-style-type: none"> • Arno river, Italy Participation to the sampling program along the Arno river, Italy Project: Contamination of coastal Mediterranean areas by trace metals – COMECOM-mermex, ENVIMED
January - February 2013	<ul style="list-style-type: none"> • Paris, France Museum National d'Histoire Naturelle (MNHN) Methodology for the extraction and analysis of Fatty Acids
October 2012	<ul style="list-style-type: none"> • University of la Rochelle, La Rochelle, France Methodology for sample preparations and stable isotope analysis
November 2012	<ul style="list-style-type: none"> • University of Lille 1 and ULCO, France Participation to the course "Impact de l'Homme sur les Ecosystèmes" Master 2 Ecology, specialty "Fonctionnement et Gestion des Ecosystèmes Marins (FOGEM)"
April 2012	<ul style="list-style-type: none"> • University of la Rochelle, La Rochelle, France Training "Conduite à tenir en cas d'échouage de mammifères marins"

COLLABORATIONS

2012	One year collaboration on a study for the Port of Dunkerque with the Laboratory of Oceanology and Geosciences (Wimereux, France), the Faculty of Veterinary Medicine (University of Liege, Belgium) and OCEAMM (Observatoire pour la Conservation et l'Etude des Animaux et Milieux Marins, Zuydcoote, France): Scientific contribution to the study of the coastal supervision of marine mammals (2013), 65p.
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PUBLICATIONS

Ghosn M, Chekri R, **Mahfouz C**, Khalaf G, Amara R, Jitaru P, 2019. Levels of Pb, Cd, Hg and As in fishery products from the Eastern Mediterranean and human health risk assessment due to their consumption. International Journal of Environmental Research. doi.org/10.1007/s41742-019-00185-w.

- Mahfouz C**, Meziane T, Henry F, Abi-Ghanem C, Spitz J, Jauniaux T, Bouveroux T, Khalaf G, Amara R, 2017. Multi-approach analysis to assess diet of harbour porpoises (*Phocoena phocoena*) in the Southern North Sea. Marine Ecology Progress Series. 563, 249-259. doi: 10.3354/meps11952.
- Henry F, **Mahfouz C**, Delegrange A, Courcot L, 2017. Total mercury in marine species from the French coast of the Eastern English Channel. Chemistry and Ecology. 33(4), 271-280.
- Jemaa S, Lteif M, **Mahfouz C**, Ouba A, Hassoun AAR, Gemayel E, Khalaf G, 2016. Biological characteristics of the round sardinella *Sardinella aurita* Valenciennes, (1847) off the Lebanese coast. Studia Marina. 29(1), 7-20.
- Khalaf G, **Mahfouz C**, 2016. Marine pollution: Continuous threats to a shared resource. Chapter in CANA-CNRS book. A Scientific Vessel for Lebanon, Unveiling Our National Resources and Coastal Patrimony 2009-2015. 80p.
- Abi-Ghanem C, **Mahfouz C**, Khalaf G, Najjar E, Al-Zakhem H, Manni R, 2016. Pb, Cd and Cu distribution and mobility in marine sediments from two ports in Lebanon: Beirut army naval port and Tripoli fishing port. Lebanese Science Journal. 17(1), 59-75.
- Net S, Henry F, Rabodonirina S, Diop M, Merhaby D, **Mahfouz C**, Amara R, Ouddane B, 2015. Accumulation of PAHs, Me-PAHs, PCBs and total mercury in sediments and marine species in coastal areas of Dakar, Senegal: Contamination level and impact. International Journal of Environmental Research. 9(2), 419-432.
- Mahfouz C**, Henry F, Courcot L, Pezeril S, Bouveroux T, Dabin W, Jauniaux T, Khalaf G, Amara G, 2014. Harbour porpoises (*Phocoena phocoena*) stranded along the southern North Sea: An assessment through metallic contamination. Environmental Research. 133, 266-273.
- Mahfouz C**, Henry F, Jauniaux T, Khalaf G, Amara R, 2014. Organochlorines in harbour porpoises (*Phocoena phocoena*) stranded along the southern North Sea between 2010-2013. Environmental Science: Processes and Impacts. 16, 2774-2781.

ORAL COMMUNICATIONS

- Ghosn M, **Mahfouz C**, Rachida C, Khalaf G, Jitaru P, Amara R, 2019. Metals and trace elements in seafood from the Eastern Mediterranean and health risk assessment. 20th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 20). 19-22 May, Charleston, SC USA.
- Khalaf G, **Mahfouz C**, Fakhri M. Programme national de surveillance des mammifères marins au Liban. Quatrième conférence sur la conservation des cétacés dans les pays du Sud de la Méditerranée. 10-12 Novembre 2017, Oran, Algérie.
- Mahfouz C**, Henry F, Khalaf G, Amara R, 2017. Harbour porpoises (*Phocoena phocoena*) in the English Channel and the southern North Sea. The Oceanography and Geoscience of the eastern English Channel: Past, Present, Future. 6-8 June, Wimereux, France.
- El Houssainy A, Abi-Ghanem C, Durrieu G, Dang H, **Mahfouz C**, Omanovic D, Radakovitch O, D'Onofrio S, Khalaf G, Garnier C, 2017. Distribution et mobilité des éléments traces métalliques dans les carottes sédimentaires de la Baie de St-Georges, Dora, Liban. Lebanese Association for the Advancement of Science (LAAS), 6-7 Avril, Fanar, Lebanon.
- Mahfouz C**, Khalaf G, 2016. Quelles compétences développer chez nos éco-citoyens pour protéger l'or bleu. XXIII^{ème} Colloque annuel des écoles catholiques, 6 Septembre, Roumieh, Liban.
- Mahfouz C**, Meziane T, Henry F, Khalaf G, Amara R, 2014. Utilisation de trois méthodes complémentaires pour l'étude du régime alimentaire des cétacés : contenus stomacaux, isotopes stables et acides gras. Troisième Conférence Biennale sur la Conservation des Cétacés dans les Pays du sud de la Méditerranée, 21 – 23 Octobre, Jounieh, Liban.
- Mahfouz C**, Henry F, Khalaf G, Amara R, 2014. Méthodologie employée pour l'analyse des contaminants chimiques pour de futures applications dans l'aire ACCOBAMS : Cas du marsouin commun

(*Phocoena phocoena*). Troisième Conférence Biennale sur la Conservation des Cétacés dans les Pays du sud de la Méditerranée, 21 – 23 Octobre, Jounieh, Liban.

Mahfouz C, Henry F, Meziane T, Jauniaux T, Pezeril S, Bouveroux T, Dabin W, Khalaf G, Amara R, 2014. Causes d'un nombre croissant d'échouage de marsouins communs (*Phocoena phocoena*) au sud de la mer du Nord : Etudes de la contamination chimique et du régime alimentaire. XVI^e séminaire du RNE, 27-28 Septembre, Dunkerque, France.

Mahfouz C, Henry F, Khalaf G, Amara R, 2013. Application des isotopes stables (C et N) comme traceurs du régime alimentaire du marsouin commun (*Phocoena phocoena*) échoué sur le littoral Français. Communication orale. 6^{ème} Journées des Jeunes Chercheurs de la Société Française des Isotopes Stables, University of Littoral Côte d'Opale, 28-30 Octobre, Dunkerque, France.

Mahfouz C, Henry F, Jauniaux T, Khalaf G, Amara R, 2013. La contamination métallique pourrait-elle être une des causes de l'augmentation du nombre de marsouins communs (*Phocoena phocoena*) échoués au sud de la Mer du Nord? Communication orale. Secondes Journées Franco-Libanaises, University of Littoral Côte d'Opale, 22-25 Octobre, Dunkerque, France.

Mahfouz C, Henry F, Jauniaux T, Khalaf G, Amara R, 2013. La contamination métallique pourrait-elle être une des causes de l'augmentation du nombre de marsouins communs (*Phocoena phocoena*) échoués au sud de la Mer du Nord? Journée des doctorants IrePSE, Université de Lille 1, 23 Mai, Lille, France.

POSTER COMMUNICATIONS

Mahfouz C, Fakhri M, Khalaf G. Rétrospectives et perspectives des échouages au Liban. Quatrième conférence sur la conservation des cétacés dans les pays du Sud de la Méditerranée. 10-12 Novembre 2017, Oran, Algérie.

EL Houssainy A, Abi-Ghanem C, Durrieu G, Dang H, Mahfouz C, Omanović D, D'Onofrio S, Khalaf G, Garnier C. Evidencing the contrasted impact of urbanized rivers inputs on coastal sediments geochemistry: insight from Toulon bay (France) and St-Georges Bay (Beirut, Lebanon). Goldschmidt 2017, 13-18 August 2017, Paris, France

El Houssainy A, Durrieu G, Abi-Ghanem C, Dang H, Mahfouz C, Omanovic D, D'Onofrio S, Khalaf G, Garnier C, 2017. Trace metals levels and mobility in sediment deposit from a small Mediterranean river discharging in an anthropized coastal area (Las river, Toulon Bay, France). 14th International Estuarine Biogeochemistry Symposium, 4-7 June, Rimouski, Canada.

Mahfouz C, Henry F, Meziane T, Caurant F, Pezeril S, Bouveroux T, Jauniaux T, Khalaf G, Amara R, 2014. Does prey availability influence harbour porpoises (*Phocoena phocoena*) diet, abundance and distribution? 28th Annual Conference, European Cetacean Society, University of Liège, 5-9 April, Liège, Belgium.

Mahfouz C, Henry F, Jauniaux T, Khalaf G, Amara R, 2013. Could the metallic contamination be the cause of the increase in the number of stranded harbour porpoises (*Phocoena phocoena*) along the Southern North Sea and the Bay of Biscay (France)? 20th Biennial Conference on Marine Mammals, Otago University, 9-13 December, Dunedin, New Zealand.

Khalaf G, Mahfouz C, Fakhry M, Ohanian C, 2011. Les observations du *Tursiops truncatus* dans le milieu marin Libanais. Seconde Conférence Biennale sur la conservation des Cétacés dans les pays du Sud de la Méditerranée, 12-14 October, El Jedida, Morocco,.

CURRICULUM VITAE

Mme Sadia BELCAID, Biologiste des pêches aux Laboratoires Centraux de l'Institut National de Recherche Halieutique à Casablanca.

- Date de naissance : le 13 septembre 1970 à Beni Mellal
- Adresse de travail : Route Sidi Abderrahmane 2 – Ain Diab, Casablanca
- Tél : (+212) 668 630 574 (M)
- Email : bsadia@gmail.com

FONCTION OCCUPE

- Biologiste des pêches à l'Institut National de Recherche Halieutique (INRH) depuis avril 2001 ;
- Technicienne au Laboratoire Ibn Sina d'analyses pathologiques à Nador, du juin 1998 au mars 2001.

TITRES UNIVERSITAIRES

2011 : Master en Sciences et Techniques – Sciences de l'Environnement, option Environnement marin et transferts des polluants. Université Abdelmalek Essaadi, Tanger, Maroc.

1995: Licence en Biologie (Bac+4), option : Biologie Végétale.
Université Cadi Ayad, Marrakech, Maroc.

1991: DEUG en Biologie/Géologie.
Université Cadi Ayad, Marrakech, Maroc.

1989: Baccalauréat en Sciences Expérimentales.

ACTIVITES ET STAGES REALISES

- Participation à la campagne d'évaluation des céphalopodes par chalutage de fond et de suivi de l'écosystème marin de la zone atlantique nord (Tanger – Sidi Ifni), du 24 avril au 02 mai 2019 ;
- Participation à la formation sur le logiciel « Notus » à bord du N/R « Charif Al Idrissi » du 28 au 30 octobre 2018 ;
- Participation à la campagne d'évaluation des céphalopodes par chalutage de fond et de suivi de l'écosystème marin de la zone atlantique nord (Tanger – Sidi Ifni), du 08 au 19 octobre 2018 ;

- Participation à la 3^{ème} Conférence biennale sur la conservation des cétacés dans les pays du sud de la Méditerranée (CSMC3), qui s'est tenu à Jounieh (Liban) du 21 au 23 octobre 2014 ;
- Participation au neuvième réunion du comité scientifique de l'ACCOBAMS qui s'est tenu à Monaco du 15 au 17 avril 2014 ;
- Participation à la 5^{ème} session de l'Accord de Conservation des Cétacés de la Mer Noire, de la Méditerranée et de la Zone Atlantique Adjacente qui s'est tenue du 5 au 8 novembre 2013 à Tanger ;
- Embarquement à bord d'un chalutier de pêche commerciale au port de M'diq et ce le 29 octobre 2013 ;
- Participation à la campagne d'évaluation des démersaux par chalutage de fond de la zone atlantique nord (Tanger – Sidi Ifni), du 02 au 23 juillet 2013 ;
- Participation à la réunion de Coordination pour développer un projet sur la réduction des captures accidentelles de cétacés, de tortues marines, d'oiseaux marins et d'autres espèces menacées et sur la réduction de la déprédation dans les pêcheries de la Méditerranée et de la Mer Noire. Tanger, Maroc, 3-4 avril 2013 ;
- Participation au cours du « Module cétologie » dédié aux étudiants du master des sciences marines à la Faculté des Sciences et Techniques de Tanger du 15 au 18 octobre 2012 ;
- Participation aux réunions avec un expert de l'ACCOBAMS pour la mise en place d'une étude pilote sur le « whale watching » au niveau de la Méditerranée marocaine du 8 au 10 octobre 2012.
- Participation à la formation sur l'étude de la biologie et l'évaluation de la dorade rose (*Pagellus bogaraveo*) au niveau du Détroit de Gibraltar à l'IEO Cadiz, Espagne, 10-14 septembre 2012 ;
- Participation au programme d'observation des cétacés « ECOCET - Gibraltar » au détroit de Gibraltar à bord de bateau de recherche « Elsa » en collaboration avec CIRCE et Estacion Biologica Donana-CSIC (EBD-CSIC) et WHIO, et ce du 23 juillet au 30 août 2012 ;
- Participation au Groupe de Travail du Comité Scientifique du CGPM sur les évaluations des stocks des espèces démersales. Istanbul, Turquie, 19-23 Octobre 2010 ;
- Participation au Groupe de Travail Scientifique Ad hoc entre le Maroc et l'Espagne sur la dorade rose (*Pagellus bogaraveo*) de Détroit de Gibraltar. Málaga, Espagne, 22 juillet 2010.

- Participation au Groupe de Travail sur les techniques d'analyses des résultats de la prospection et observation directe des cétacés en mer d'Alboran à Segovia (Espagne) du 3 au 6 Mai 2010 ;
- Participation au Groupe de Travail du Comité Scientifique du CGPM sur les évaluations des stocks des espèces démersales. Ancona, Italie, 19-23 Octobre 2009 ;
- Participation à la campagne d'observation de cétacés "Train the Trainers" au mer d'Alboran en collaboration avec ACCOBAMS et les chercheurs de « Alnilam Research and Conservation », et ce du 2 au 13 Juillet, 2009;
- Participation au Groupe de Travail de l'ICCAT-JDIP sur l'estimation des paramètres et les modèles de base de l'évaluation des stocks, et ce du 18 au 22 mai 2009 à Tanger ;
- Participation à la formation "Leadership Training Course on Fisheries Management and Administration (LTCFMA) », et ce du 28 mai au 12 décembre 2008 au Japon ;
- Participation à la 5ème session du cours Afro-Japonais sur les ressources marines vivantes à Tunis, et ce du 13 au 22 février 2008 ;
- Participation à la 4ème session du cours Afro-Japonais sur les ressources marines vivantes à Tunis, et ce du 19 au 27 février 2007 ;
- Participation aux campagnes de prospection par chalutage de fond de la zone Atlantique Nord du Maroc. Les campagnes ont été établies dans le cadre du programme de suivi et d'évaluation directe des ressources halieutiques, elles ont été effectuées au bord du N/R « Acharif El Idrissi » en avril 2005, décembre 2006 et mars 2007 ;
- Participation aux campagnes « Maroc-0411 » et « Maroc-0511 » de prospection par chalutage des ressources démersales profondes de la zone nord et centre de l'Atlantique du Maroc. Les campagnes ont été établies dans le cadre de la coopération scientifique et techniques entre le Maroc et l'Espagne, elles ont été effectuées au bord du N/R « Vizconde de Eza » du 14 novembre au 13 décembre 2004 et du 11 novembre au 14 décembre 2005 ;
- Participation au cinquième Groupe de Travail du Comité Scientifique Consultative (SAC) de la Commission Général des Pêches pour la Méditerranée (CGPM) des démersaux, Málaga, Espagne, 6-7 Mai 2004 ;
- Participation à l'atelier régional sur la problématique des études de croissance des poissons de la méditerranée, Casablanca (Maroc), 25-30 avril 2004 ;
- Participation au séminaire sur les techniques de conservation des espèces marines menacées. Ce séminaire a été organisé par le conseil de l'environnement de la région Andalouse, en collaboration avec le Centre de

Récupération des Espèces Marines Menacées (C.R.E.M.A), et ce du 22 au 25 mars 2004 au sein de salon de la mer de Malaga (Aula del mar-Malaga) ;

- Stage de formation sur les différentes techniques de la lecture d'âge des poissons et l'utilisation du logiciel TNPC (Traitement Numérique des Pièces Calcifiées), au laboratoire de Sclérochronologie des Animaux Aquatiques (LSAA) à l'IFREMER à Brest, et ce du 03 au 13 février 2002.

TRAVAUX REALISES

- Rapport relatif à la campagne de prospection par chalutage de fond de la zone atlantique nord (Tanger – Sidi Ifni), du 24 avril au 02 mai 2019 ;
- Synthèse de la pêche de la dorade rose en Méditerranée marocaine, mars 2014 ;
- Rapport sur la mission relative à l'embarquement des scientifiques du Centre Regional de l'INRH à Tanger à bord des chalutiers côtiers de la Méditerranée, au port de M'diq, et ce le 29 octobre 2013 »
- Les échouages des mammifères marins et des tortues marines sur le littoral de la zone ouest de la Méditerranée marocaine et la zone de l'Atlantique adjacente (Jebha-larache) entre 2005 et 2012 ;
- Contribution à l'étude de la biologie et de l'exploitation du merlu commun (*Merluccius merluccius*, Linnaeus, 1758) de la zone de Larache (Atlantique nord- Maroc), thèse de Master, 2011 ;
- Growth, mortality and exploitation of European hake (*Merluccius merluccius*) in the Moroccan North Atlantic Sea;
- Compte rendu relatif au programme de formation « train the trainers » (Thomas Mc Donagh : Tanger - Saidia) Du 02 au 12 juillet 2009 ;
- Rapport sur le suivi de l'échouage des cétacés et tortues marins dans le nord ouest du Maroc en 2008. Avril 2009 ;
- Rapport sur le recensement des échouages de cétacés et tortues marines dans la région Tanger-Jebha en 2007, mai 2008 ;
- Rapport sur le suivi et l'étude des échouages de cétacés et de tortues de mer, le long du littoral de la région Tanger-Jebha entre 2004 et 2006, décembre 2007 ;
- Rapport sur l'étude de la biologie de la sardine (*Sardina pilchardus*) en Méditerranée marocaine, mars 2003 ;

- Rapport sur l'étude de la croissance de la sardine (*Sardina pilchardus*) en Méditerranée marocaine, janvier 2003 ;
- Réalisation des fiches techniques sur les principales espèces des petits pélagiques et grands pélagiques de la Méditerranée, Mars 2001.

ENCADREMENT SCIENTIFIQUE

- Encadrement d'un étudiant en Master de Sciences de l'Environnement, pour un stage au sein du Laboratoire des Ressources Halieutiques à Tanger du 10 Février au 10 mai 2014, pour la préparation du mémoire de fin d'étude sous le thème « L'étude du régime alimentaire de merlu commun (*Merluccius merluccius*) de l'Atlantique Nord marocain »
- Encadrement de deux étudiantes en licence Appliquée à la Génie Biologique de la Faculté des Sciences et Technique de Tanger, pour un stage au sein du laboratoire des Ressources Halieutiques de Tanger, du 30/04/2013 au 30/06/2013, pour la préparation d'un mémoire de fin d'étude sous le thème « L'étude du régime alimentaire du merlu commun (*Merluccius merluccius*) »
- Encadrement d'un étudiant en licence appliquée à la Génie Biologique de la Faculté des Sciences et Technique de Tanger, pour la préparation d'un mémoire de fin d'étude sous le thème « La composition spécifique des requins dans les débarquements de pêche en méditerranée - port de Tanger », du 30/04/2013 au 30/06/2013 au Laboratoire des Ressources Halieutiques à Tanger.
- Encadrement de deux étudiantes en licence Appliquée à la Génie Biologique de la Faculté des Sciences et Technique de Tanger, pour un stage au sein du laboratoire des Ressources Halieutiques de Tanger, sous-titre « L'identification des espèces d'élasmobranches au niveau des débarquements des ports de Tanger et de M'diq » et ce du 01 juillet au 30 aout 2012 ;

DIVERS

Informatique

Utilisation des logiciels : Excel, Word, PowerPoint, Access, FISAT, MRAG, ELAFAN, DCAC, Poptools Statistica et R.

Langues

Arabe, Français et Anglais	: lue, écrite et parlée ;
Espagnol	: lue, écrite et moyennement parlée ;
Japonais	: les éléments de base.

CURRICULUM VITAE

Said ENCHOUCHA

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Tanger

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Saïd BENCHOUCHA

Biologiste des pêches

Chef du Laboratoire Pêche

**Centre Régional de l'Institut National de Recherche
Halieutique (INRH) à Tanger**

Cursus universitaire

Actuellement

Doctorant : Université Hassan II Aïn Chock, Faculté des sciences Ain Chock, Casablanca

*Inscription en thèse de Doctorat National, Spécialité « Environnement Marin et Côtier »
Sujet « Biologie et état d'exploitation de la crevette rose du large **Parapenaeus longirostris**, Lucas, 1846 des côtes atlantiques marocaines ».*

2003-2005
Casablanca

Université Hassan II Aïn Chock, Faculté des sciences Ain Chock, Casablanca
Diplôme des Etudes Supérieures Approfondies, Spécialité : Environnement Marin et Côtier.

1992
Rabat

Université Mohammed V, Faculté des Sciences, Rabat
Licence en Biologie Animale, option biochimie.

1989
Rabat

Université Mohammed V, Faculté des Sciences, Rabat
Diplôme des Etudes Universitaires Générales « DEUG » en Biologie / Géologie.

Formations

2012, INRH, Tanger

Formation à la nécropsie des cétacés organisée par l'ACCOBAMS en partenariat avec l'INRH.

2012, INRH, Casablanca

Formation au référentiel ISO 9001, dans le cadre de la mise en place de la démarche qualité au niveau des différents laboratoires de l'INRH.

2011, FST, Tanger

Formation à la Nécropsie des Cétacés, organisée par l'ACCOBAMS en partenariat avec la FST et l'INRH.

2011, CR-INRH, Tanger

Communication interpersonnelle.

2010, Tanger

Méthodes d'évaluation des stocks des Thonidés (ICCAT).

Juin 2008, Caire, Egypte

Méthodes d'évaluation des stocks (CGPM).

Mai 2007, Saragosse, Espagne

Conception et gestion des récifs artificiels d'intérêt halieutique (CIHEAM).

Avril –décembre 2000, Japon

Stage de formation sur l'aménagement de la pêche côtière (OFCF).

1999, INRH, Casablanca

Cours de formation sur l'Access et sur l'Excel.

1999, INRH, Casablanca

Cours de formation sur les statistiques des pêches.

Juillet 1999, INRH,
Casablanca

Cours d'initiation à la géostatistique.

Cours de formation sur les techniques de Management.

Juin 1994, septembre 1994, décembre 1994, avril 1995, juillet 1995, décembre 1995, mai 1996, juillet 1997, décembre 1997, juillet 1998, décembre 1998, mars 1999, novembre 1999, avril 2001, novembre 2001, mai 2002, juin 2003, juin 2004, avril 2005, décembre 2005, avril 2006, décembre 2006, juillet 2007, juillet 2010, avril 2011.

Mars 1994, octobre-novembre 1998, février-mars 2000.

Juin 1994, septembre 1994, avril 1995, décembre 1995-janvier 1996.

Avril-mai 2006, Avril-mai 2007, avril-mai 2008, Avril-mai 2009, avril-mai 2010, mai 2011, mai 2012, mai-juin 2013, mai-juin 2014, mai-juin 2015.

Avril-mai 1997

Août 1998

Août 1998

Septembre 2000, Japon

Septembre 2000, Japon

Décembre 2010

Campagnes de prospection en mer à bord du N/R « CAI » pour l'évaluation directe des stocks des principales espèces demersales peuplant les côtes marocaines :

- En Atlantique nord (Tanger – Agadir).

- En Atlantique sud (Boujdour - Lagouira).

- En Méditerranée (Tanger - Saïdia).

-Embarquements à bord des madraguiers (Tanger-Mehdia) : Echantillonnage et marquage du thon rouge.

Campagne d'exploration des fonds rocheux par utilisation des engins passifs tels que les palangres, les filets maillants et les casiers (campagne de prospection en mer à l'aide du N/R portugais « Capricornio » : Cap Spartel-Cap Ghir.

Campagne acoustique et océanographique (Casablanca-Tanger).

Campagne acoustique et océanographique (Tanger-Saïdia).

Embarquements à bord des navires artisanaux pour l'évaluation du by-catch et des rejets en mer

Campagne d'évaluation (par plongée sous marine) de la pêche fantôme

Embarquement à bord des crevettiers hauturiers (Tanger-Larache)

Diagnostic des pêcheries et préparation des plans d'aménagement.

Evaluation de l'état d'exploitation des stocks par les modèles globaux et analytiques.

Conception et suivi biologique des récifs artificiels.

Evaluation du by-catch et des rejets.

Etude de la sélectivité des engins de pêche (chaluts, engins passifs).

Effet des facteurs environnementaux (salinité et température) sur la ponte et les captures de la crevette rose du large.

Impact des projets sur l'écosystème marin.

Echantillonnage biologique des débarquements de la pêche côtière, hauturière et artisanale.

Etude de la biologie des principales espèces exploitées.

Traitement des données statistiques (captures, effort de pêche etc.) et des données des campagnes scientifiques en mer.

Prospection et évaluation des ressources littorales.

Prospection et évaluation des gisements du corail rouge.

Expériences professionnelles

1994-1997 et 2004	Responsable des campagnes de prospection en Atlantique sud et en Méditerranée.
1994-2011	Responsable des campagnes de prospection en mer en Atlantique nord.
2000-2004	Estimation du by-catch et des rejets en mer.
2000-2004	Etude de la sélectivité des engins de pêche.
2007	Conception et suivi biologique des récifs artificiels.
2005-2017	Responsable du Laboratoire Pêche au CR-INRH-Tanger.
2006-2017	Intérim du Chef du Centre Régional de l'INRH à Tanger.
2005-2014 et 2016	Présidence et participation aux Groupes de travail COPEMED II et CGPM sur les stocks demersaux.
2008-2012 et mars 2017	Participation aux ateliers de la CGPM sur la sélectivité et sur le corail rouge.
2003-2006	Responsable du sous-groupe merlus, Groupe de Travail FAO-COPACE des Evaluations des Demersaux-Nord.
2004-2017	Président du Groupe de Travail FAO-COPACE des Evaluations des Demersaux-Nord.
2011-2017	Vice-Président du sous-comité Scientifique du COPACE.

Principales activités / Projets/programmes

1994-2012	Programmation et exécution des campagnes de prospection (campagnes demersales, campagnes des fonds rocheux, campagnes pélagiques et acoustiques et campagnes océanographiques) en Atlantique nord, en Méditerranée et en Atlantique sud.
2000	Campagnes d'estimation du by-catch et des rejets en mer et d'évaluation de la pêche fantôme.
2005-2017	Programmation et exécution des actions de recherche (analyse des filières, échantillonnage biologique, statistiques des pêches, suivi des échouages etc.) relatives au suivi des pêcheries palangrière, chalutière, sardinière et artisanale au niveau de la zone Jebha-Larache.
2007-2011	Projet-COPEMED II pour l'étude de la selectivité à mailles carrées en Méditerranée
2007-2015	Echantillonnage et marquage du thon rouge à bord des madraguiers.
2009-2012	Evaluation des stocks des Demersaux de la Méditerranée.
2008-2017	Prospections, échantillonnage, suivi des débarquements et préparation d'un plan d'aménagement de la pêche au corail rouge au niveau de la zone Cap Spartel-Larache.
2004-2012	Préparation d'un plan d'aménagement de la crevette rose du large.
2005-2017	Recensement et identification des causes des échouages au niveau de la zone Jebha-Larache.
2009-2017	Encadrement de stagiaires dans le cadre de Masters.
2008	Projet-Drapor sur l'étude de l'impact du dragage du sable marin au niveau de la zone de Larache.
2011-2012	Projet-Drasamar sur l'étude de l'impact du dragage du sable marin au niveau d'Oued Nakhla.
2011-2012	Projet-ICCAT sur le marquage et l'étude de la migration du thon rouge.
2015-2016	Consultation-ICCAT sur l'optimisation de l'échantillonnage des Thonidés.
2011	Consultation-COPEMED II sur le guide des espèces débarquées à Dikky.
2015-2016	Projet-Amendis sur l'étude de l'impact du déversement des émissaires sur les ressources halieutiques.

Principaux rapports et publications

1994-2011	Rapports des campagnes scientifiques en mer en Atlantique nord et en Méditerranée.
Décembre 2000 Japan	Fishing gear selectivity as a solution for reducing unaccounted fish mortality in catches of fisheries.
Octobre 2001 INRH, Casablanca	Etude de la sélectivité du filet maillant selon la méthode des probabilités basée sur les mensurations du périmètre du corps.
Juin 2002 INRH, Casablanca	Estimation du By-ctach et des Rejets.
Juin 2001 INRH, Casablanca	Etat d'exploitation des espèces demersales en Atlantique nord Marocain.
Décembre 2004 INRH, Casablanca	Fiche Synthétique sur la biologie des Grands Crustacés.
1994-2012	Rapports de missions relatifs aux campagnes de prospection par chalutage de fond de la Méditerranée et de l'Atlantique nord.
Janvier 2000 INRH, Casablanca	Etat d'exploitation des ressources halieutiques des provinces du nord (Larache-Saïdia).
Juin 2004 INRH, Casablanca	Caractéristiques biologiques de la crevette rose du large.
Juin 2004 INRH, Casablanca	Distribution des indices d'abondance de la crevette rose du large et diagnostic de la pêcherie crevetteière.
Août 2008	Fiche d'identification du casseron commun (<i>Allotheutis subulata</i>).
Décembre 2005 INRH, Casablanca	Biologie de la crevette rose du large (<i>Parapenaeus longirostris</i> , Lucas 1846) de la côte nord Atlantique marocaine.
Mai 2006 INRH, Casablanca	Diagnostic de l'état des stocks de merlu commun et de la crevette rose du large et proposition de plans d'aménagement pour ces deux espèces.
Août 2006	Etude des indicateurs de l'exploitation de la sardine (<i>Sardina pilchardus</i>) débarquée au niveau du port de M'diq.
Janvier 2007	Biologie et état d'exploitation du merlu commun (<i>Merluccius merluccius</i>) et de la crevette rose du large (<i>Parapenaeus longirostris</i>) au Maroc
Décembre 2007	Pêcherie palangrière au niveau de la zone Larache-Jebha. Exploitation et perspectives de développement.
Janvier 2008	Note succincte sur la pêcherie du poulpe entre Jebha et Larache.
Juin 2008	Les crevettes du Maroc.
Août 2008 Hydrobiologia 612 : 109-123	Salinity and temperature as factors controlling the spawning and catch of <i>Parapenaeus longirostris</i> along the Moroccan Atlantic Ocean.
Octobre 2008	Exploitation de l'anchois (<i>Engraulis encrasicolis</i>) au niveau de la région Larache-Tanger.
Novembre 2008	Rapport de la campagne de prospection du corail rouge entre Cap Spartel et Larache.
Juin 2009	Fiche technique relative à la collision d'un rorqual commun (<i>Balaenoptera physalus</i>) avec un navire en transit par le Déroit de Gibraltar.

Principaux rapports et publications (suite)

Juillet 2009	Bioécologie et évaluation de la biomasse du stock de corail rouge (<i>corallium rubrum</i> , Linnaeus, 1758) entre Cap Spartel et Larache.
2006 - 2016	Rapports nationaux de la CGPM du Maroc sur les pêcheries méditerranéennes.
2010	Exploitation de l'anémone de mer (ortie de mer).
Juin 2010	Note succincte sur la pêcherie merlu commun-crevette rose du large : Possibilités d'instauration des TAC et de périodes de repos biologique.
Mars 2011	Diagnostic et état d'exploitation du corail rouge entre Cap Spartel et Larache.
2011	Pêche côtière et artisanale au niveau de la région Fnideq-Oued Laou.
2011	Fiches synthétiques des principales espèces demersales
2011	Preliminary length-weight relationship for blue fin tuna (<i>Thunnus thymus</i>) caught by Moroccan Atlantic traps.
2012	Guide FAO des espèces débarquées à Dikky.
Mars 2013	Les merlus au Maroc, bio écologie et état d'exploitation.
Aout 2013 Société zoologique de France	Contribution à l'étude du régime alimentaire de la crevette rose du large <i>Parapenaeus longirostris</i> au Maroc.
2005-2016	Rapports nationaux de l'INRH sur les pêcheries crevettière, merlutière, sardinière, poulpière et sur la pêche du corail rouge.
2008-2013	Coauteurs de 5 articles scientifiques sur l'étude des peuplements benthiques et sur l'étude de la biologie des raies au Maroc.
2015-2016	Impact du déversement des émissaires d'Amendis sur la biodiversité au niveau de la baie de Tanger.
2012-2016	Notes sur l'état d'exploitation du corail rouge entre Cap Spartel et Larache.
2015	Rapport sur l'évaluation de l'interaction entre le Grand Dauphin et la pêche à la senne au niveau de la région de M'diq.
2016	Rapport sur l'évolution de la biodiversité en Méditerranée marocaine.
2016	Rapport sur la typologie de la flotte côtière entre Larache et Jebha.
2016	Rapport sur la dynamique et la mobilité de flotte côtière en Méditerranée marocaine.
2017	Rapport sur l'évaluation du stock de l'haricot de mer au niveau de la région de Martil.
2017	Rapport sur l'évaluation du stock de l'anémone de mer en Méditerranée marocaine.

Maitrise de l'outil informatique ou autre

Langues

Dbase III+ Lotus Excel Word Perfect Word
 Power Point Surfer LFSA FISAT
 Modèles globaux (Biodyn) Modèles analytiques Modèles des rendements par recrue

Arabe (Lu, parlé, écrit)
Français (Lu, parlé, écrit)
Anglais (Lu, parlé, écrit)
Espagnol (Lu, parlé, écrit)
Japonais (Connaissances élémentaires).

CURRICULUM VITAE

PERSONAL INFORMATION

Name	Marina Loewenstein de Sequeira
Date of Birth	01/October/1962
Nationality	Portuguese
Institutional Address	Av. da República, 16 – 16B 1050-191 Lisboa PORTUGAL
Telephone	+ 351 21 350 79 00
E-mail	marina.sequeira@icnf.pt

WORK EXPERIENCE

Date	November 1986 until present
Position	Biologist at Instituto da Conservação da Natureza e das Florestas (ICNF) Coordination of the national stranding network; National expert for all marine mammal issues
Main activities and responsibilities	National contact point for several international Conventions and Agreements: CMS (Scientific Committee member); ACCOBAMS (National Focal Point; <i>Bureau</i> member from 2010 to 2013; Regional Scientific representative from 2014 to 2016); CITES (National expert for marine mammals and sea turtle issues; member of the National Scientific Authority); IWC (Scientific Committee member and Alternate Commissioner); Coordination of the National Action Plan for the Resident Population of Bottlenose Dolphins in the Sado estuary (2009 – 2013)

EDUCATION TRAINING

Academic qualifications

Date	1982 – 1988
Title of qualification	Masters in Faunistic Resources and Environment (Faculty of Sciences, Lisbon University)

Other qualifications

Date	March 1989
Title of qualification	Scientific training at "Centre d'Etudes des Mammifères Marins" - La Rochelle (France), under the supervision of Dr. R. Duguy
Date	26 – 30 September 1994
Title of qualification	Course on "Design and analysis of Distance sampling survey", University of St. Andrews (Scotland, U.K.)
Date	9 – 11 September 1996
Title of qualification	Course on "Marine Mammals: Biology and Conservation". University Menedez Pelayo, Valência (Spain)
Date	24 November - 5 December 1997
Title of qualification	Advanced Course on "Ecological Basis of Wildlife Management and Conservation", Faculty of Sciences and Technology, Coimbra University (Portugal)

PROJECTS

Date	October 1990 – April 1991
Title of project	EC Project (CEE/DG XI) on "Gillnet fisheries in the European Community and their impacts on the marine environment" (with S. Northridge, A. Di Natale, C. Kinze, K. Lankester and V. O. Zarate)
Date	June – July 1994
Title of project	Participation in the EU project SCANS ("Small Cetacean Abundance in the North Sea"). <u>Objectives</u> : 1) to determine the absolute abundance of small cetacean populations, particularly of harbour porpoise (<i>Phocoena phocoena</i>), bottlenose dolphin (<i>Tursiops truncatus</i>) and common dolphin (<i>Delphinus delphis</i>) inhabiting shelf waters of the Atlantic margin, the North Sea and adjacent waters; 2) To develop and test methods to monitor cetacean populations and 3) To develop a

	framework for management of bycatch. July 1995
Date	Participation in the NASS-95 (North Atlantic Sighting Survey). <u>Objectives:</u>
Title of project	Estimating the summer distribution and absolute abundance of cetacean populations in the North Atlantic.
Date	2004 – 2005
Title of project	Participation in the EU LIFE funded project SCANS II ("Small Cetacean Abundance in the North Sea")
Date	2011 – 2015
Title project	Participation in the EU LIFE+ funded project MARPRO "Conservation of Marine Protected Species in mainland Portugal". Objectives: 1) Providing means for the implementation of the Habitats and Birds Directives with respect to cetaceans and seabirds; 2) Elaborating the proposal of new Natura 2000 network of offshore areas and their management plans with reference to <i>P. phocoena</i> , <i>T. tuncatus</i> e <i>P. mauritanicus</i> ; 3) Reducing the conflicts between fisheries and cetaceans and seabirds species by implementing solutions concerning by-catch and fish depredation.

PUBLICATIONS

Peer reviewed papers

- Sequeira, M.; Reiner, F.** 1992 - First occurrence of an Atlantic humpback dolphin, *Sousa teuszii* Kukenthal, 1892 (Cetacea, Delphinidae) in Guinea-Bissau. *Mammalia*, 56 (2): 311-313.
- Sequeira, M.; Ferreira, C.** 1994 - Coastal fisheries and cetacean mortality in Portugal. Report of the International Whaling Commission (*Special Issue* 15): 165-181.
- Van Waerebeek, K.; André, M.; **Sequeira, M.**; Martín, V.; Robineau, D.; Collet, A.; Papastavrou, V.; Ndiaye, E. 1999 - Spatial and temporal distribution of the minke whale, *Balaenoptera acutorostrata* (Lacépède, 1804), in the southern northeast Atlantic Ocean and the Mediterranean Sea, with reference to stock identity. *J. Cetacean Res. Manage.* 1 (3): 223-237.
- Zhou, J.L.; Salvador, S.M.; Liub, Y.P.; **Sequeira, M.** 2001 - Heavy metals in the tissues of common dolphins *Delphinus delphis* stranded on the Portuguese coast. *The Science of the Total Environment* 273 (2001): 61-76.
- Silva, M.A.; **Sequeira, M.** 2003 – Patterns of mortality of common dolphins (*Delphinus delphis*) on the Portuguese coast, using stranding records, 1975-1998. *Aquatic Mammals*, 29 (1): 88-98.
- Van Waerebeek K.; **Sequeira, M.**; Williamson, C.; Sanino, G.P.; Gallego, P.; Carmo, P. 2006 Live-captures of common bottlenose dolphins *Tursiops truncatus* and unassessed bycatch in Cuban waters: evidence of sustainability found wanting. *LAIAM* 5(1): 39-48.
- Cecílio, P.; Raimundo, J.; Canário, J.; Vale, C.; **Sequeira, M.** 2006 - Relationships between total and organic mercury concentrations in tissues and length of common dolphins (*Delphinus delphis*) from the Portuguese coast. *Ciencias Marinas* (2006), 32(2A): 379–387.
- Borrell, A.; Aguilar, A.; Tornero, V.; **Sequeira, M.**; Fernandez, G.; Alis, S. 2006 - Organochlorine compounds and stable isotopes indicate bottlenose dolphin subpopulation structure around the Iberian Peninsula. *Environment International* (Impact Factor: 5.3). 06/2006; 32(4):516-23. DOI:10.1016/j.envint.2005.12.001
- Fontaine, M.C.; Baird, S.J.E.; Piry, S.; Ray, N.; Tolley, K.A.; Duke, S.; Birkun, A.J.; Ferreira, M.; Jauniaux, T.; Llavona, A.; Öztürk, B.; Öztürk, A.A.; Ridoux, V.; Rogan, E.; **Sequeira, M.**; Siebert, U.; Vikingsson, G.A.; Bouqueneau, J-M. and Michaux, J.R. 2007 - Rise of oceanographic barriers in continuous populations of a cetacean: the genetic structure of harbour porpoises in Old World waters. *BMC Biology* 2007, 5:30 doi:10.1186/1741-7007-5-30
- Amaral, A.R.; **Sequeira, M.**; Coelho, M.M. 2007 - A first approach to the usefulness of cytochrome c oxidase I barcodes in the identification of closely

related delphinid cetacean species. *Marine and Freshwater Research*, 2007, 58, 505–510.

Amaral, A.R., Beheregaray, L.B., Bilgmann, K., Boutov, D., Freitas, L., Robertson, K.M., **Sequeira**, M., Stockin, K.A., Coelho, M.M. & Möller, L.M. 2012a. Seascape genetics of a globally distributed, highly mobile marine mammal: the short-beaked common dolphin (*Delphinus*). *PLoS one* 7, e31482, doi: 10.1371/journal.pone.0031482.

Amaral, A., Beheregaray, L., Bilgmann, K., Freitas, L., Robertson, K.M., **Sequeira**, M., Stockin, K.A., Coelho, M.M. & Moller, L.M. 2012b. Influences of past-climate changes on historical population structure and demography of a cosmopolitan marine predator, the common dolphin (genus *Delphinus*). *Molecular Ecology* 21, 4854 – 4871.

Wise, L.; Silva, A.; Ferreira, M.; **Sequeira**, M. (2007) - Interactions between small cetaceans and the purse-seine fishery in western Portuguese waters. *Scientia Marina* 1 (2): 405-412.

Amaral, A.R.; **Sequeira**, M.; Martínez-Cedeira, J.; Coelho, M.M: 2007 - New insights on population genetic structure of *Delphinus delphis* from the northeast Atlantic and phylogenetic relationships within the genus inferred from two mitochondrial markers. *Mar Biol* DOI 10.1007/s00227-007-0635-y.

Amaral, A.R., Beheregaray, L.B., **Sequeira**, M., Robertson, K.M., Coelho, M.M. & Möller, L.M. 2009. Worldwide phylogeography of the genus *Delphinus* revisited. IWC Scientific Committee Document, SC/61/SM11. Cambridge, UK: International Whaling Commission.

Fontaine, M.C.; Tolley, K.A.; Michaux, J.R.; Birkun, A.; Ferreira, M.; Jauniaux, T.; Llavona, A.; Öztürk, B.; Öztürk, A.A.; Ridoux, V.; Rogan, E.; **Sequeira**, M.; Bouqueneau, J.-M.; Baird, S.J.E. 2010 - Genetic and historic evidence for climate-driven population fragmentation in a top cetacean predator: the harbor porpoises in European water. *Proc. R. Soc. B* published online 5 May 2010. doi: 10.1098/rspb.2010.0412

Hammond, P.S., Macleod, K., Berggren, P., Borchers, D.L., Burt, M.L., Cañadas, A., Desportes, G., Donovan, G.P., Gilles, A., Gillespie, D., Gordon, J., Hiby, L., Kuklik, I., Leaper, R., Lehnert, K., Leopold, M., Lovell, P., Øien, N., Paxton, C.G.M., Ridoux, V., Rogan, E., Samarra, F., Scheidat, M., **Sequeira**, M., Siebert, U., Skov, H., Swift, R., Tasker, M.L., Teilmann, J., Van Canneyt, O. & Vázquez, J.A. 2013. Cetacean abundance and distribution in European Atlantic shelf waters to inform conservation and management, *Biological Conservation* <http://dx.doi.org/10.1016/j.biocon.2013.04.010>.

Ferreira, M.; Monteiro, S.S.; Torres, J.; Oliveira, I.; **Sequeira**, M.; Lopez, A.; Vingada, J.; Eira, C. 2016 - Biological variables and health status affecting inorganic element concentrations in harbour porpoises (*Phocoena phocoena*) from Portugal (western Iberian Peninsula). *Environmental Pollution* <http://dx.doi.org/10.1016/j.envpol.2016.01.027>

Other publications

Sequeira, M., Teixeira, A. 1988 - Marine Mammal Surveys in Portugal. *European Research on Cetaceans*, 2: 9-12.

Santos, M.E.; Lacerda, M.; **Sequeira**, M. 1988 - Preliminary aerial surveys in Portuguese coastal waters. *European Research on Cetaceans*, 2: 13-16.

Duguy, R.; Nores, C.; Perez, C; **Sequeira**, M. 1989 - Répartition et fréquence des pinnipèdes sur les côtes Atlantiques de France, d'Espagne et du Portugal. Conseil International pour l'Exploration de la Mer, 77ème Réunion Statutaire, La Haie, 1989. Comité des Mammifères Marins, C.M.1989/N:3 : 10p.

Sequeira, M. 1990 - On the occurrence of the Ziphiidae in Portuguese waters. *European Research on Cetaceans*, 4: 91-94.

Sequeira, M. ; Teixeira, A. 1990 - On the distribution of the bottlenose dolphin *Tursiops truncatus* in Portugal. *European Research on Cetaceans*, 4: 78-80.

Northridge, S.; Di Natale, A.; Kinze, C.; Lankester, K.; Zarate, V.O.; **Sequeira, M.** 1991 - Gillnet fisheries in the European Community and their impacts on the marine environment. Report presented to DG XI / EU.

Sequeira, M.; Inácio, A.M.; Reiner, F. 1992 - Arrojamentos de mamíferos marinhos na costa portuguesa entre 1978 e 1988. *Estudos de Biologia e Conservação da Natureza*, 7: 48 p.

Sequeira, M.; Inácio, A. 1992 - Incidental captures of cetaceans in Portugal. *European Research on Cetaceans*, 6: 25-28.

Lima, C.; **Sequeira, M.** 1993 - Mercury in common dolphins, *Delphinus delphis*, off the Portuguese coast. *European Research on Cetaceans*, 7: 216-219.

Sequeira, M. 1995 - Baleias e golfinhos: um mundo diferente. *Correio da Natureza*, 19: 39-43.

Sequeira, M. 1996 - Harbour porpoises, *Phocoena phocoena*, in Portuguese waters. Report of the International Whaling Commission, 46: 583-586.

Sequeira, M.; Inácio, A.; Reiner, F.; Silva, M.A. 1997 - Arrojamentos de mamíferos marinhos na costa portuguesa entre 1988 e 1994. *Estudos de Biologia e Conservação da Natureza*, 19: 56p.

Sequeira, M.; Inácio, A.; Silva, M.A. 1997 - Cetacean strandings in Portugal: 1993-1995. *European Research on Cetaceans*, 10: 136-140.

Silva, M.A.; **Sequeira, M.** 1997 - Preliminary results on the diet of common dolphins (*Delphinus delphis*) off the Portuguese coast. *European Research on Cetaceans*, 10: 253-259.

Desportes, G.; Bloch, D.; Allali, P.; Barbraud, C.; Bloor, P.; Leroy, B.; Mougeot, F.; Mouritsen, R.; Reinert, A.; **Sequeira, M.** 1997 - NAAS-95 survey: Preliminary report of the Faroese cruise. *European Research on Cetaceans*, 10: 148.

Sequeira, M.; Inácio, A.; Silva, M.A.; Reiner, F. 1997 - Arrojamentos de mamíferos marinhos na costa continental portuguesa entre 1989 e 1994. *Estudos de Biologia e Conservação da Natureza*, 19: 52 p.

Silva, M.A.; **Sequeira, M.** 1998 - Stomach contents of marine mammals stranded on the Portuguese coast. *European Research on Cetaceans*, 11.

Sequeira, M., Farinha, J.C. 1998 - Baleias e golfinhos. Instituto da Conservação da Natureza, Lisboa: 51 p.

Silva, M.A.; **Sequeira, M.; Prieto, R.; Alexandre, B.** (1999) Observations of harbour porpoises (*Phocoena phocoena*) in the northern coast of Portugal. *European Research on Cetaceans*, 13: 267-269.

Sequeira, M.; Silva, M.A.; Lopez, A.; Gayoso, A.; Pérez, C.; Herrera, R.; Lens, S. Barreiros, J.P.; Freitas, L. (1999) Cetacean strandings in the northeastern atlantic: The Atlancetus project. *European Research on Cetaceans*, 13: 260-262.

Prieto, R.; Silva, M.A.; **Sequeira, M.; Gaspar, R.; Tempera, F.** (1999) - The implementation of marine protected areas in Portugal: implications to cetacean conservation. Talk presented at the workshop on Protected Areas held during the 13th Annual Conference of the European Cetacean Society. Valência (Spain), 5-8 April 1999.

Van Waerebeek K.; Bamy, I.L.; Jiddou, A.M.; **Sequeira, M.; Diop, M.; Ofori-Danson, P.K.; Tchibozo, S.; Campredon, P.** (2008) Indeterminate status of West African populations of inshore common bottlenose dolphins *Tursiops truncatus* cautions against opportunistic live-capture schemes. Report to the Fondation

International du Banc d'Arguin.

Sequeira, M.; Elejabeitia, C.; Silva, M.A.; Dinis, A.; de Stephanis, R.; Urquiola, E.; Nicolau, C.; Prieto, R.; Oliveira, C. Cruz, M.J. Freitas, L. 2009 - Review of whalewatching activities in mainland Portugal, the Azores, Madeira and Canary archipelagos and the Strait of Gibraltar. SC61/WW11: 40 pp.

Sequeira, M.; Matias, S.; Farinha, J.C.; Gaspar, R.; Silva, C.; Augusto, J.; Ferreira, C.V., Fonseca, M.J., Narra, P.; Luís, A.R. 2009 – Bases para o plano de acção para a salvaguarda e monitorização da população de roazes do Estuário do Sado. Instituto da Conservação da Natureza e da Biodiversidade: 80 pp.

PERSONAL SKILLS

Mother tongue(s) Portuguese, Spanish

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
French	C2	C2	C1	C1	B1

ADDITIONAL INFORMATION







Conferences /Workshops /Seminars

Date	1998 – 2002
Conference	Regular attendance at the Annual Conferences of the European Cetacean Society
Date	1996 and 2013
Conference	Member of the organizing committee of the Annual Conferences of the European Cetacean Society
Date	October 1990
Workshop	Participation in the IWC workshop on "Mortality of Cetaceans in Passive Fishing Nets and Traps", with a talk on "Gillnets and Cetacean Mortality in Portugal" and a technical report on "Coastal Fisheries and Cetacean Mortality in Portugal". La Jolla, California (USA)., 20-21 October 1990
Date	1991
Conference	Participation in the 1st Mammalogy European Congress with two posters: "Mercury contamination in cetaceans off the Portuguese coast: some preliminary results" and "On the distribution of the common dolphin, <i>Delphinus delphis</i> in Portugal". Lisboa (Portugal), 18-21 March 1991.
Date	1998
Conference	Participation in the World Marine Mammals Conference, Monaco, 20-24 January; Participation in the Euro-American Conference of Mammalogy, Santiago de Compostela (Spain), 19 - 24 July

PERSONAL INFORMATION

Paiu Romulus-Marian



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 +40720258785  +40720258785
 omania.marian@gmail.com ; marian_paiu@marenostrium.ro
 Marian Paiu
 Skype marian7370

Sex Male | Date of birth 23/05/1987 | Nationality romanian

Availability statement

Here I make myself available for continuing the activity in the ACCOBAMS Scientific Committee for the next triennium (2019-2021), Regional Representative for Black Sea

WORK EXPERIENCE

2019 - present

Scientific coordinator in project "Support MSFD implementation in the Black Sea through establishing a regional monitoring system of cetaceans (D1) and noise monitoring (D11) for achieving GES" (CeNoBS), DG Environment, EU

Mare Nostrum NGO, Bogdan Voda street., No 16, 9007613 Constanta (Romania)
www.marenostrium.ro

- Operational planning of the project
- Coordination and supervision of pilot studies (D1 and D11)
- Scientific support for the project
- Reporting related to project activities
- Deliver of specific trainings for the marine mammal observers (strandings, sea surveys, aerial survey etc.)
- Participating to procurement procedures
- Involvement in the relationship with the media on the related issues
- Project management related activities
- Support for public engagement

Business or sector Environment

2018 - present

Coordinator of cetacean case study in project "Assessing the vulnerability of the Black Sea marine ecosystem to human pressures" (ANEMONE), Black Sea Cross Border Cooperation program (EU)

Mare Nostrum NGO, Bogdan Voda street., No 16, 9007613 Constanta (Romania)
www.marenostrium.ro

- Operational planning of cetacean case study activities
- Coordination and supervision of cetacean case study activities
- Reporting related to project activities
- Deliver of specific trainings for the marine mammal observers
- Participating to procurement procedures
- Involvement in the relationship with the media on the related issues
- Project management related activities
- Support for public engagement

Business or sector Environment

2018 - 2018

Aerial observer and Team leader in the “ACCOBAMS Survey Initiative” (ASI), ACCOBAMS Permanent Secretariat

ACCOBAMS Permanent Secretariat, Jardin de l'UNESCO. MC-9800 Monaco
www.accobams.org

- Operational planning of dedicated team of observer and pilot
- Coordination of data collection activity
- Reporting to the Project officer and Scientific Coordinator
- Deliver of specific trainings for the marine mammal observers
- Support for public engagement

Business or sector Environment

2016 - 2019

Expert in ecology “Marine knowledge sharing platform for federating responsible research and innovation communities (MARINA)”, Horizon 2020 Programme

Mare Nostrum NGO, Bogdan Voda street., No 16, 9007613 Constanta (Romania)
www.marenostrum.ro

- Participation in project activities
- RRI Spillover
- Populating the platform with lessons learned

Business or sector Environment

2016 - 2017

Expert in ecology in project “Increase the regional capacity for developing cetacean distribution and abundance studies, ACCOBAMS

Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro

- Scientific and technical support
- Coordination of the activities
- Deliver of specific trainings for the marine mammal observers
- Disputes mediation etc.

Business or sector Environment

2012 - present

Project manager and lead scientist in Monitoring and conservation of Black Sea dolphins/cetaceans Programme, financed by Mare Nostrum and several private companies

Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro

- Scientific support
- Coordination of activities in a fast and efficient way
- Coordination of data collection sessions (land, sea, air)
- Coordination of Romanian Cetacean Stranding Monitoring Network
- Responsible for bycatch mitigation and fisheries interaction
- Analysis of data collected
- Coordination of the cetacean photo-identification activity
- Dissemination of information to ACCOBAMS, European Commission, national and international research institutes, Ministry of Environment, OBIS Seemap
- Operational planning
- Liaising with beneficiaries and program partners
- Participation in press conferences and meetings dedicated to the program
- Representing the organization to the stakeholders, subcontractors etc.
- Coordination of procurement
- Supervision of financial and narrative reports
- Evaluation and monitoring

Business or sector Environment

- 2015 **Expert ornithologist in project Services for the assessment of the management plan for the Natura 2000 site ROSPA0076 Black Sea**
S.C. AS Orimex New S.R.L., Aleea Gorunului, No 7, Agigea, Constanta (Romania)
www.marenostrum.ro
- Carrying out scientific work according to the employer's requirements
 - Research for the study Consolidation of Natura 2000 Network
 - Data collection of marine avifauna and cetaceans in the Natura 2000 site
 - Reporting
- Business or sector Environment
- 2014 - 2015 **Field team coordinator in project Observation of cetaceans *Tursiops truncatus*, *Phocoena phocoena* and *Delphinus delphis* in the Bulgarian Exclusive Economic Zone (EEZ) in the Black Sea Research Programme NOAH, Executive Environment Agency (EEA)**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Implementation and monitoring of cetacean distribution protocol in Bulgarian exclusive economic
 - Development of the observation plan
 - Recruitment and training of observers
 - Collecting and preparing data for statistical analysis
- Business or sector Environment
- 2013 - 2015 **Expert in project „Nature around us – a joint programme for non-formal environmental education in the districts of Dobrich, Bulgaria and Constanta, Romania”, Border Cooperation Programme Romania – Bulgaria 2007 - 2013**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Participation in project activities
 - Verification and approval of progress reports and applications for reimbursement
 - Checking stage and implementation of activities
 - Disputes mediation etc.
- Business or sector Environment
- 2013 - 2016 **Expert in ecology in MARine Litter in Europe Seas: Social Awareness and CO-Responsibility (Marlisco), FP7**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Undertake a study on the current situation of marine litter on the Romanian littoral
 - Study the marine litter environmental policies at national and European level
 - Identify solutions to the problem of marine litter
- Business or sector Environment
- 2013 - 2014 **Ecologist – coordinator preliminary study in REEFS project, Black Sea Programme 2007-2013**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Selection for team of specialists
 - Supervision collection and analysis of samples
 - Participation in the project Steering Committee meetings
- Business or sector Environment

- 2013 **Consultant – aerial survey marine mammal observer in project Studies for Carrying out the common fisheries policy. Lot No.2: Adverse fisheries impact on cetacean populations in the Black Sea, European Commission**
MacAlister Elliott & Partners Limited (MEP), London (United Kingdom),
<http://www.macalister-elliott.com>
- Participation in international aerial marine mammal monitoring survey – Implementation of cetacean surveys in the western Black Sea, with subsequent synoptic assessment of cetacean abundance and distribution, and identification of hot spots and critical habitats

Business or sector Environment

- 2012 -2013 **Project and field activities coordinator in Photo-identification of dolphins from Romanian Black Sea coastal waters, ACCOBAMS**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Realize an international training on cetacean photo-identification method (RO-BG)
 - Coordination of monitoring cetacean through the photo-identification method
 - Identify solutions to development activities
 - Establish a photo-identification catalogue
 - Responsible for reporting to the ACCOBAMS Secretariat

Business or sector Environment

- 2011 -2013 **Expert in ecology „Interpretative Trails on the Ground: Support to the Management of Natural Protected Areas in the Black Sea Region (InterTrails)”, funded by Black Sea Cross Border Cooperation 2007 - 2013**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Designing 4 interpretative trails in the Romanian protected areas
 - Establishing and describing 80 interpretative points
 - Supporting the workshops and media sessions
 - Leading the expert's activities;
 - Reporting the activities.

Business or sector Environment

- 2010 -2012 **Field activities coordinator in Improvement of the biodiversity state from the Romanian marine coast, especially dolphins project, Operational Sectorial Environment Program**
Mare Nostrum NGO, 1 Decembrie 1918 Blvd., No 3, 900711 Constanta (Romania)
www.marenostrum.ro
- Recruitment of the volunteers
 - Organization of trainings for volunteers
 - Coordination of field expeditions for data collection(land and sea)
 - Implementation and testing of acoustic devices type ADD / Pinger as a method for reducing incidental catches of dolphins in nets fisheries
 - Collecting data on cetaceans in Romanian waters of the Black Sea

Business or sector Environment

- 2008 -2010 **Research assistant**
Ovidius University Constanta, www.univ-ovidius.ro

- biodiversity analysis using various ecological indexes
- EIA
- Participation in completing the database zoo benthic species
- Monitoring and collection of samples for species identification zoo benthos in Lake Mangalia
- Participation in scientific sessions
- Collection zoo benthos
- Monitoring
- Inventory of species
- Analysis of the biodiversity of Lake Mangalia

Business or sector Environment, Education

EDUCATION AND TRAINING

2009 - 2011 **M.S. Management of environmental impacts**

“Ovidius” University – Natural Sciences Faculty

- Analysis of environmental factors and consequences of external factors
- Stress factors
- Impact and audit
- Waste management
- Environmental management
- Global changes
- Monitoring systems
- Waste management
- Sustainable development principles

2006 - 2009 **B.S. Ecology and environmental protection**

“Ovidius” University – Natural Sciences Faculty

- Biology
- Ecology
- Biochemistry
- Environmental hazards
- Plant and animal taxonomy
- Biophysics etc.

2019 **Certificate “CeNoBS Air Campaign Workshop” under CeNoBS and ACCOBAMS Survey Initiative (ASI), international course dedicated to Black Sea specialists**

Mare Nostrum and ACCOBAMS Permanent Secretariat, Tulcea, Romania

- Distance sampling
- Aerial survey at regional scale
- Marine mammal and aquatic animals data collection methods
- Aerial practice

2019 **Certificate “ACCOBAMS course in cetacean conservation” under ACCOBAMS Permanent Secretariat, international course**

ACCOBAMS Permanent Secretariat and TUDAV, Istanbul, Turkey

- Species of cetaceans (identification, anatomy, physiology, adaptation and parasitology)
- Threats to cetaceans (interaction, population, collisions and noise)
- Study skills (observation/ rating population, photo-identification and passive acoustics)
- Legal and legislative framework on the conservation of cetaceans

- 2018 **Certificate “Certified ACCOBAMS MMO/PAM operator” under ACCOBAMS Permanent Secretariat, international course**
ACCOBAMS Permanent Secretariat and Mare Nostrum NGO, Constanta, Romania
- Training on Marine Mammal Observer (MMO), theoretical and practical
 - Training on Passive Acoustic Monitoring (PAM), theoretical and practical
- 2018 **Certificate “Session for experts of the ACCOBAMS area” under ACCOBAMS Permanent Secretariat and Lebanese CNRS international course**
CNRS and ACCOBAMS Secretariat, Byblos, Lebanon
- Use of photo-id
 - The use of databases
 - Creation of catalogues with relevant data for cetacean conservation
 - Practice on the sea
- 2018 **Certificate “ASI Air Campaign Workshop” under ACCOBAMS Survey Initiative (ASI), international course**
ACCOBAMS Secretariat, Cuers, France
- Distance sampling
 - Aerial survey at regional scale
 - Marine mammal and aquatic animals data collection methods
 - Aerial practice
- 2016 **Certificate “Training course on estimation of marine mammal abundance and life history parameters”, international course**
Sea Mammal Research Unit, St Andrews University, Scotland, UK, held in Romania
- Distance sampling method
 - Distance 7 software
 - Marine mammal estimation methods
 - Population trends
- 2015 **Certificate “Integrated water management”, international course**
Online training, Clean Waters – Clean Sea Project coordinated by Ecological consulting center Galati (ECCG), Galati, Romania
- Water policy
 - Management tools
- 2014 **Certificate “Database operator”**
Constanta, Romania
- Office package
 - Database management
 - Input, processing and validation of data
- 2014 **Certificate “Training course on Artificial Reefs (AR)”**
Trabzone University, Trabzone, Turkey
- Historical data
 - Black Sea AR analysis
 - The importance of AR for Black Sea Ecosystem
- 2013 **Certificate “Economist Researcher in marketing”**
Constanta, Romania
- Marketing
 - Sales research
 - Market strategy
 - Marketing research
- 2012 **Certificate “Social Mediator”**

Constanta , Romania

- Monitoring and support in managing social conflicts
- Interpersonal communication
- Guidance beneficiaries to resolve problems

2010 Certificate “Training course on cetacean photo identification”

ACCOBAMS, Mimy (Crimeea) , Ukraine

- Methods and techniques in photo identification of cetaceans
- Data collection and processing
- Catalogue development
- Transect method for survey

2010 Certificate “Training course on cetacean photo identification”

NGO Mare Nostrum and Tethys Research Institute from Italy, Constanta (Romania)

- Methods and techniques in photo identification of cetaceans
- Workshop on cetaceans photo-identification method

2010 ISO 14001 Certification

AJA Registrars Romania, Bucuresti

- environmental management system

2010 ISO 9001 Certification

AJA Registrars Romania, Bucuresti

- quality management system

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
French	B1	B1	A2	A1	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through their experience of presence, participation in scientific meetings, events etc.
- Over 220 trainings/lectures for volunteers and students (middle school - college)
- Supporting international trainings for photo-identification method and distance line transect method
- Various presentations and media appearances

Organisational / managerial skills

- Communication skills and teamwork
- Ability to organize and coordinate events, campaigns, projects
- Ability to coordinate groups of people
- Organization and Resource Management
- Project Coordinator
- Project Manager

Job-related skills	<ul style="list-style-type: none">▪ Use of office equipment: fax, multifunction copier, scanner, laminator, server, network etc.▪ Using GPS, digital cameras, video cameras, binocular microscope, binoculars, radio stations▪ PAMGuard▪ Distance 7▪ GIS▪ Water test kits▪ Sampling of tissue▪ Ability to work on the ground , in the air, on the water and under water▪ Ability to use field equipment▪ Diving, sailing and diving skills▪ Aerial observer▪ Photo-id collection and analysis of data
Computer skills	<ul style="list-style-type: none">▪ Microsoft Office TM▪ Corel Draw, Photoshop (medium)▪ Programs for analysis and indicators of biodiversity (Distance, Vortex, Darwin, PamGuard, IFAW, RoboGeo etc.)▪ Programs dedicated to achieving monitoring plans
Other skills	<ul style="list-style-type: none">▪ PADI open water certificate▪ Sailing certificate C and D (ICMS) motor and sail▪ Experience in driving boats, ATV, bicycles, minibus
Driving licence	<ul style="list-style-type: none">▪ B

ADDITIONAL INFORMATION

Memberships	<ul style="list-style-type: none">▪ ACCOBAMS Scientific Committee member, Black Sea region responsible▪ European Cetacean Society member▪ International Whaling Commission (IWC) Bycatch Expert Panel▪ BISAC member (Black Sea Advisory Council)▪ OBIS Seamap provider▪ MEDACES provider
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Publications Presentations

- Extent of the invasion with the digenean *Pholeter gastrophilus* (kossak, 1910) for 2017 in Black Sea harbour porpoises, Constanta, Romania, 2018 (to be presented)
- Cetacean abundance and distribution for Romanian territorial waters between Constanta and Vama Veche using Line transect sampling method, La Spezia, Italy, 2018
- Romanian Cetacean Stranding Network Recordings between 2010-2016, JOINT ACCOBAMS/ASCOBANS/SPA-RAC WORKSHOP ON MARINE DEBRIS AND CETACEAN STRANDING, Italy, 2018.
- Annual report of the Monitoring and Conservation of Black Sea Dolphins Programme (bycatch, strandings, abundance and distribution, etc.), Constanta, 2018
- Cetacean strandings between 2010-2016 at the coast of Romania, Constanta, Romania, 2017
- Candidate gene molecular markers as tools for analyzing genetic susceptibility to Morbillivirus infection in stranded Cetaceans, HLA Editors
- Preliminary data on real-time PCR detection of pathogenic *Brucella* in cetaceans at the Romanian Black Sea, Constanta, Romania, 2017
- DNA barcoding and Black Sea biodiversity: a pilot study at the Romanian coast, Constanta, Romania, 2017
- Public engagement – a step towards responsible research and innovation, Constanta, Romania, 2017
- Cetacean abundance and distribution for Romanian territorial waters between Constanta and Vama Veche using Line transect sampling method, Constanta, Romania, 2017
- Composition and spatial distribution of marine litter along the Romanian Black Sea coast, Constanta, Romania, 2017
- Preliminary results on diseases of Black Sea cetaceans, Constanta, Romania, 2016
- Correlation of cetacean stranding events between 2010-2014 at the Romanian coast, Constanta, 2016
- Education for sustainable development in the Black Sea Romanian coastal area, Constanta, 2016
- Research and Restauration of the Essential Filters of the Sea (REEFS), Constanta, Romania, 2015
- Cetacean Photo-Identification album, 2014
- Summary of the project Photo-identification of dolphins from the Romanian Black Sea coastal waters, Tangier, Morocco, 2013
- Data for stranded cetaceans caught accidentally in fishing nets and about those who populate the Romanian waters of the Black Sea for the period 2010-2012, Bacau, 2013
- Noninvasive methods in research and conservation of the Black Sea cetaceans at the Romanian coast, Bucharest, 2013
- Observation on cetacean occurrence at Romanian Black Sea Coast and measures to limit the by-catches in fishing nets, Constanta, 2012
- Data on some aspect of dolphin monitoring along the Romanian coasts and public awareness of the monitored area, Constanta, 2011
- New data on bycatch and strandings of the Black Sea cetacean situation in the Romanian coast, and measures to limit bycatch deaths/fatalities, Bucharest, 2011
- Recommendations for reducing the negative impact of fishing gear on the populations of dolphins in the Black Sea, Constanta, 2011
- Volunteer guide for monitoring dolphin, Constanta, 2011
- Photo album named Symphony with dolphins at dusk, Constanta, 2011
- Principles for a project management within an environmental SOP, case study - Public awareness on the importance of dolphins at the Romanian coast, Constanta, 2011 – master degree paper
- Recent Data On Benthic Communities From Shallow Zone Of Mangalia Lake - Military Port, Constanta, 2009 –licence degree paper
- Integration of cetacean monitoring data into databases such as obis-seamap, to advance spatially-explicit ecological assessments. Marina RRI-SIS Conference. 10 pg. Under publication (2019), Boulogne-sur-Mer, France
- Romanian cetacean stranding network a responsible research and innovation (rri) example (2018), Tartu, Estonia

Curriculum Vitae

Personal information:

- Name: Malek Fares Ali
- Place & date of birth: Syria , Aug 27th 1962
- Nationality: Syrian
- Marital Status: Married
- Address: Department of Basic Sciences, Faculty of Agriculture, Tishreen university, Lattakia, Syria
- Tel: office: 00963 – 41 – 416401
Home: 00963 – 41 – 428448
Mobile: 00963 – 933 990370
E – mail: malekfaresali@gmail.com
- ORCID ID: <https://orcid.org/0000-0002-1178-0431>

Qualifications and certificates:

- Ph. D. degree in Agricultural Sciences (Animal Production - Ichthyology) from Agriculture faculty, Tishreen university, Lattakia, Syria.(2009)
- M.Sc. degree in Agricultural Sciences (Animal Production - Ichthyology) from Agriculture faculty, Tishreen university, Lattakia, Syria.(2003).
- P.G. Diploma degree in Agricultural Sciences (Animal Production - Ichthyology) from Agriculture faculty, Tishreen university, Lattakia, Syria. (1997).
- B.Sc. degree in Agricultural Sciences from Agriculture faculty, Tishreen University, Lattakia, Syria. (1986).

Languages:

- Arabic: Mother tongue.
- English: good.

Expertises, Trainings and Workshops

1. ACCOBAMS Survey Initiative. Observation Survey on Cetacean on ALJAWHARA vessel In the Syrian marine water. Syrian coast. 28 June – 8 July 2019.
2. ACCOBAMS Survey Initiative. Training course on cetacean survey. Syria, Jableh. 24-27 June 2019.
3. “ACCOBAMS training courses on photo id and databases for experts”, Byblos, Lebanon, 1-5 October 2018. Organized by the secretariat of the Agreement on the Conservation of Cetaceans of the Black Sea, Mediterranean Sea and contiguous Atlantic Area (ACCOBAMS) in collaboration with SPA/RAC, IUCN Med, Med PAN and Lebanese CNRS.
4. ACCOBAMS Survey Initiative Contact Group Regional Workshop, Tunis – 3rd to 5th of October 2017. Tunis, Tunisia, organized in collaboration with the Regional Activity Center for the Specially Protected Areas.
5. Training course on the classification of the cartilaginous fishes. 15 June - 15 July 2002. Muséum national d'Histoire naturelle. Paris. France.
6. Lecturer of Aquaculture at Fundamental Department, Agriculture faculty, Tishreen University, Lattakia, Syria (since February. 1987).

Published papers:

Published papers on cartilaginous species:

1. Capape C. and **Ali M.** 2017. First records of Velvet Belly Lantern shark *Etmopterus spinax* Chondrichthyes: Etmopteridae) from the Syrian coast (Eastern Mediterranean). ANNALES · Ser. hist. nat. · 27 · 2017 · 2: 145-150, DOI 10.19233/ASHN.2017.17
2. Capape C. and **Ali M.**, 2017. Record of dicephalous embryo in longnose spurdog *squalus blainvillei* (chondrichthyes: squalidae) (syrian coast, eastern mediterranean). Annales. Ser. hist. nat. 27, 2017, 1, PP: 59 -62.
3. Capape, C.; **Ali, M.**; Saad, A.; Alkusairy H.; Reynaud, C. 2015. Atypical characteristics in the longnosed skate *Dipturus oxyrinchus* (Linnaeus, 1758) from the coast of Syria (eastern mediterranean). Thalassia Salentina. 37 (2015), 71-80.
4. Capape, C. **Ali, M.**; Saad, A. and Reynaud, C. 2015. Tail abnormalities in thornback ray *Raja clavata* (Chondrichthyes: Rajidae) from the coast of Syria (eastern Mediterranean). Cah. Biol. Mar. 2015; (56): 155-161.
5. Alkusairy H.; **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. 2014. Maturity, Reproductive Cycle and Fecundity of Spiny Butterfly Ray, *Gymnura altavela* (Elasmobranchii: Rajiformes: Gymnuridae), from the Coast of

Syria (Eastern Mediterranean). Jour. of Acta Ichthyologica Et Piscatoria 44 (3): 229 – 240.

6. **Ali, M. F.**; Saad, A.; Kurbaj H.; and Jneidi S. 2014. Determination of Maturity and reproductive cycle of Small Spotted Catshark *Scyliorhinus canicula* (Linnaeus, 1758) (Scyliorhinidae: Elasmobranchii) From the Syrian marine water. Iraqi Journal of Aquaculture, published by the Marine Science Center (MSC), Basrah University, Iraq. Vol. 11, No.2, pp: 125-140. (In Arabic, with abstract in English).
7. **Ali, M.**; Saad, A.; Kurbaj H. and Jnaidi, Sh. 2014. Feeding regime of *Scyliorhinus canicula* (Linnaeus, 1758) (Scyliorhinidae: Elasmobranchii) in the Syrian marine waters. Tishreen university journal for Research and Scientific Studies. ISSN: 2079-3065. Vol. 36, No. 1 (2014): 111-123. (In Arabic with abstract in English).
8. **Ali M.**; Saad, A.; Reynaud, C. and Capape, C. 2013. First records of round fantail stingray *Taeniura grabata* (Chondrichthyes: Dasyatidae) off the Syrian coast (eastern Mediterranean). Jour. Zoology in the Middle East. 59 (2): 176-178.
9. **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. (2013). Additional records of honeycomb stingray *Himantura uarnak* (Chondrichthyes: Dasyatidae) off the Syrian coast (Eastern Mediterranean). Tishreen Univ. J. Res. Scient. Stud. Biol. Sci. ISSN: 2079-3065, Vol. 35(4): 216-22.
10. Alkusairy H.; Saad A.; **Ali M.** 2013. The life cycle of cartilaginous species: *Gymnura altavela* (Linnaeus 1758) (Gymnuridae) in Syrian marine water. Iraqi Journal of Aquaculture, Vol. (10) No. (2) – 2013: 123 -140. (In Arabic, with abstract in English).
11. **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. 2012. Occurrence of basking shark, *Cetorhinus maximus* (Elasmobranchii: Lamniformes: Cetorhinidae), off the Syrian coast (eastern Mediterranean) with first description of egg case. Acta Ichthyologica Et Piscatoria. 42 (4): 335–339.
12. **Ali, M.**; Saad, A. and Kurbaj H., 2011. Feeding system of Shark *Mustelus mustelus* (Triakidae) (Linnaeus, 1758) in Syrian marine waters. Iraqi Journal of Aquaculture, published by the Marine Science Center (MSC), Basrah University, Iraq. Vol. 8, No.2, pp:109-124. (in Arabic).
13. **Ali, M.**; Saad, A.; Ben Amor, M. and Capape, C., 2010. First records of the Honeycomb Stingray, *Himantura uarnak* (Forsk., 1775), off the Syrian coast (Eastern Mediterranean), (Chondrichthyes: Dasyatidae). Jour. Zoology in the Middle East, Vou. 49:104-106.
14. **Ali, M.**; Saad, A.; and Kurbaj, H. 2008. Gestation biology and Hepato Somatic Index (H.S.I) of Chondrichthian fish *Rhinobatos cemiculus* (Rhinobatidae) of the Syrian marine waters. Minia Journal of Agricultural Research and Development, Vol. 28, No.5. 951 – 972. (In Arabic, with abstract in English).
15. **Ali, M.**; Saad, A. and Kurbaj, H. 2008. Fecundity and chemical balance of development for Chondrichthian fish *Rhinobatos cemiculus* (Rhinobatidae) of the Syrian marine waters. Minia Journal of

- Agricultural Research and Development. Vol. 28, No 973- 988. (In Arabic, with abstract in English).
16. **Ali, M.**; Saad, A. and Kurbaj, H. 2008. Reproductive cycle and Size at sexual maturity of Chondrichthian fish *Rhinobatos cemiculus* (Rhinobatidae) of the Syrian marine water. Journal Annals of Agricultural Science, Vol.46, No.2, pp: 21-30. (In Arabic, with abstract in English).
 17. **Ali, M.**; Saad, A. and Kurbaj, H. 2008. Reproductive cycle and Size at sexual maturity of condrichthian fish *Mustelus Mustelus* - Smoothhound: Triakidae of the Syrian coast. Journal Annals of Agricultural Science, Vol.46, No.2, pp: 32-43. (In Arabic, with abstract in English).
 18. Saad, A.; **Ali, M.** and Seret, B. 2006. Shark exploitation and conservation in Syria. The proceedings of the international workshop on Mediterranean cartilaginous fish with emphasis on southern and eastern Mediterranean. 14th-16th October 2006, Istanbul – Turkey, pp: 202-208.
 19. Saad, A.; Seret, B. and **Ali, M.** 2005. *Torpedo (Torpedo) Sinuspersici* Olfers, 1831. Page 49. Field identification guide to the sharks and rays of the Mediterranean and Black sea, By Fabrizio Serena, FAO, Rome, P.97.
 20. Saad, A.; Seret, B. and **Ali, M.** 2004. *Liste commontess des Chondrichthyens de Syrie (Mediterranee orientale)*. Page 240, in: Rapport of the 37th Congress of the Mediterranean Science Commission, edited by J. Masscle *et al.*, Monaco, CIESM.
 21. **Ali, M.** and Saad, A. 2003. Sharks and Rays of the Syrian marine waters. Bassel al-Assad journal for Engineering Sciences, No. 17, pp: 45 -76. (In Arabic, with abstract in English).
 22. **Ali, M.** 2003. Taxonomic economic study of the Chondrichthyes fish in Syrian marine water. MSc Thesis. Faculty of Agriculture, Tishreen University. Syria, Lattakia. 184 pp. (In Arabic, with abstract in English).

Published papers on Actinopterygii species:

23. **Ali, M.** 2018. An updated Checklist of the Marine fishes from Syria with emphasis on alien species. *Mediterranean Marine Science*, 19 (2), 388-393. doi: <http://dx.doi.org/10.12681/mms.15850>.
24. **Ali, M.**, Khaddour, M., Capape, C. 2018. Confirmed occurrence of Indian Ocean twospots Cardinalfish *Cheilodipterus novemstriatus* (Osteichthyes: Apogonidae) in the Levantine Sea with first record from the Syrian coast. *Acta Adriatica*. 59 (1): 153-158.
25. **Ali, M.**, Ben Amor K. O., Khalil S., Saad A., Capape, C. 2018. First record of Adriatic sole *Pegusa impar* (Osteichthyes: Soleidae) from the Syrian coast (Eastern Mediterranean Sea). *Journal of the Black Sea/Mediterranean Environment*. Vol. 24, No. 2: 169-174 (2018).
26. Capape, C., **Ali, M.**, Ali, A., Esmail, A. 20108. Second Mediterranean record of Emperor Angelfish, *Pomacanthus imperator* (Osteichthyes: Pomacanthidae), and first record from the Syrian coast. *Cahirs de Biologie marine*. (2018), 59: 395-397. DOI: 10.21411/CBM.A.8C69C609

27. Soliman, A., Saad, A., **Ali, M.** 2018. First record of the blue-barred parrotfish, *Scarus ghobban* (Actinopterygii: Scaridae) from Syrian marine waters. *Tishreen University Journal for Research and Scientific Studies - Biological Sciences Series*, ISSN: 2079-3065. Vol. 40, No. 2 (2018): 57-66. (In Arabic).
28. **Ali, M.**, Saad, A., Ali, A., and Capape, C. 2017. Additional records of striped eel catfish *plotosus lineatus* (osteichthyes: plotosidae) from the Syrian coast (eastern mediterranean). *Thalassia Salentina*. 39 (2017), 3-8. ISSN 0563-3745, e-ISSN 1591-0725. DOI 10.1285/i15910725v38p3.
29. **Ali, M.**, Reynaud C., Capape C., 2017. Has a viable population of common lionfish, *Pterois miles* (scorpaenidae), established off the Syrian coast (Eastern Mediterranean)? *Annals for Istrian and Mediterranean Studies, Series Historia Naturalis*, 27. 2017. 2: 157-162. DOI 10.19233/ASHN.2017.19.
30. **Ali, M.**, Saad, A., Solimn, A. Rafrafi-Nouira, S., and Capape, C. 2017. Confirmed occurrence in the Mediterranean Sea of Red Sea orangeface butterflyfish *Chaetodon larvatus* (Osteichthyes: Chaetodontida) and first record from the Syrian coast. *Cahiers de Biologie marine*, (2017) 58: 367-369.
31. **Ali, M.**, Saad A., Jabour R., Rafrafi-Nouira S., and Capapé C. 2017. First Record of Nakedband Gaper *Champsodon nudivittis* (Osteichthyes:Champsodontidae) off the Syrian Coast (Eastern Mediterranean). *Journal of Ichthyology*. Vol. 57, No. 1, pp: 161–163. ISSN 0032-9452.
32. **Ali, M.**, Saad A., Alkhateeb M., Rafrafi-Nouira S., and Capapé C. 2016. First record of hollowsnout grenadier *Coelorinchus caelorhincus* (osteichthyes: macrouridae) from the Syrian coast (eastern Mediterranean). *Annals for Istrian and Mediterranean Studies, Series Historia Naturalis*, 26 · 2016 · 2: 203-206. DOI 10.19233/ASHN.2016.19.
33. **Ali, M.**, Alkusaury H., Saad A., Reynaud C., and Capapé C. 2016. First record of *Pterois miles* (Osteichthyes:Scorpaenidae) in Syrian marine waters: Confirmation of its accordance in the eastern Mediterranean. *Tishreen University Journal for Research and Scientific Studies - Biological Sciences Series*, ISSN: 2079 – 3057. Vol. 38(4) 2016: 307 -313.
34. **Ali, M.**, Diatta Y., Alkusaury H., Saad A., and Capapé C.. 2016. First Record of Red Sea Goatfish *Parupeneus forsskali* (Osteichthyes: Mullidae) from the Syrian Coast (Eastern Mediterranean). *Journal of Ichthyology*, 2016, Vol. 56, No. 4, pp. 616–619.
35. **Ali, M.**, Saad A., Reynaud C., Capapé C. 2015. First record of wedge sole, *Dicologlossa cuneata* (Actinopterygii: Pleuronectiformes: Soleidae), from the Levant Basin (eastern Mediterranean). *Acta Ichthyologica et Piscatoria* (2015) 45 (4): 417 -421.
36. **Ali, M.**; Saad, A.; Fadel M.; Issa I.; Reynaud, C. and Capape, C. 2015. First Record of Klein's Sole *Synapturichthys kleinii* (Osteichthyes: Soleidae) off the Syrian Coast (Eastern Mediterranean). *Journal of Ichthyology*, 2015, Vol. 55, No. 6, pp. 918–921.
37. **Ali, M.** Saad, A. and Soliman, A. 2015. Expansion confirmation of the Indo-Pacific catfish, *Plotosus lineatus* (Thunberg, 1787), (Siluriformes: Plotosidae) into Syrian marine waters. *American Journal of Biology and Life Sciences*. 2015; 3 (1): 7-11.

38. Soliman, A.; **Ali M.**; Saad A.; Renaud C.; Capape C. 2014. First records of sideburn wrasse *pteragogus pelycus* (osteichthyes: labridae) off the syrian coast (eastern mediterranean). *Annals for Istrian and Mediterranean Studies, Series Historia Naturalis*, 24. 2014.1: 23-28.
39. **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. 2014. First records of Barracudina *Sudis hyalina* (Osteichthyes: Paralepididae) off the Syrian coast (eastern Mediterranean). *Journal of Ichthyology*. Vol. 54(10):786-789.
40. **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. 2013. First records of Randall's Threadfin Bream *Nemipterus randalli* (Osteichthyes: Nemipteridae) off the Syrian coast (Eastern Mediterranean) off the Syrian coast. *Annals for Istrian and Mediterranean Studies, Series Historia Naturalis*, (2): 119 -124.

Papers presented to symposiums and conferences:

1. Aikaterini Anastasopoulou; Dimitris Damalas; Vivi Drakopoulou; Mahmoud Farroug; Vasilis Gerovasileiou; Ali Cemal Gücü; Carlos Jimenez; Sissy Iona; Kostas Kapiris; Stefanos Kavadas; Sotiris Kiparissis; Haris Kontoyiannis; Nikos Lambadariou; Myriam Lteif; **Malek Ali**; Nadia Papadopoulou; Panagiota Peristeraki; Grigoris Rousakis; Dimitris Sakellariou; Maria Salomidi; Jemaa Sharif; Katerina Sevastou; Chris J. Smith; Caterina Stamouli; Ekaterini Souvermezoglou; Ioannis Thasitis; Maria del Mar Otero. 2019. DEEPEASTMED: state of the knowledge on deep-water vulnerable species and habitats in the Eastern Mediterranean. ICES Annual Science Conference . 9-12 September 2019. Gothenburg, Sweden. Oral.
2. Saad A., Ali M., and Maarouf G., 2017. New record of toxic and invasive fish species in the Syrian marine waters. conference ICAPC 5th Tamanrasset congress: 3 - 5 november 2017 Algeria.
3. **Ali M.**, ACCOBAMS Survey Initiative Contact Group Regional Workshop, Tunis – 3rd to 5th of October 2017. Tunis, Tunisia, organized in collaboration with the Regional Activity Center for the Specially Protected Areas.
4. **Ali, M.**; Saad, A.; Reynaud, C. and Capape, C. 2012. First record of two Cartilaginous Species, *Cetorhinus maximus* (Cetorhinidae) and *Taeniura grabata* (Dasyatidae) off the Syrian coast. INOC – CNRS, International Conference on "Land-Sea Interactions in the Costal Zone". Jounieh - Lebanon, 6th-8th November 2012.
5. **Ali, M.**; Saad, A. and Capape, C. 2010. Review of Chondrichthyes fish from the Syrian marine waters. The international conference on "Biodiversity of the Aquatic Environment: towards a Diverse and Sustainable Word", Lattakia-Syria. 13th-15th December 2010.
6. Bio Vision Alexandria 2010 “ New Life Sciences: Future Prospects” & Arab Encyclopedia of Life: 1st Preparatory Meeting Bibliotheca Alexandrina, Egypt. 12th-15th April 2010.

7. Saad, A; **Ali, M.** and Seret, B. 2005. Shark exploitation and conservation in Syria. The proceedings of the international workshop on Mediterranean cartilaginous fish with emphasis on southern and eastern Mediterranean. Atakoy Marina, Istanbul – Turkey. 14th-16th October 2005.
8. **Ali M.**, Saad A., Seret B., and Alssamman A. 2003. First records of 31 cartilaginous fish species in Syrian coast. A regional workshop on fisheries, aquaculture and environment. Tishreen University-Lattakia, Syria, 29th-30th April 2003.
9. **Ali, M.**; Saad, A. and Alssamman, A. 2002. First record of 11 cartilaginous fish species from Syrian coastal waters. Workshop on vermitid terraces and migratory / invasive organisms. Beirut, 19th-21st December 2002.
10. Saad, A.; Hureau, J. C.; Hammoud, V. and **Ali, M.** 2002. Fish biodiversity and the Impact of environmental factors and Human Activities in Syrian marine waters. Proceedings of 9th conference of Arab Union Biologists. Aleppo, Syria. 1st-6th September 2002.

Arda M. TONAY

1976, Istanbul
Married

Istanbul University, Faculty of Aquatic Sciences, Marine Biology Dep.
Research Assistant 2001-2003, 2005-2015
Assistant Professor: 2015-2019
Associate Professor: 2019-



Turkish Marine Research Foundation (TUDAV)
Vice President 2013-

National contact person of European Cetacean Society (ECS) 2010-

Education:

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M.Sc. thesis: *Phocoena phocoena* L., *Tursiops truncatus* Montagu and *Delphinus delphis* L. bycatches in bottom gillnets in the western Black Sea

Ph.D. thesis: Interaction with the turbot fishery and cetacean strandings in the western Black Sea.

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Courses

- İFSAK Basic Photography Course, 1994
- CMAS ★ and PADI Open Water Diver Diving Course, 1997
- WWF's MEDSCHOOLS, The Blue School'2000. Sitges, Spain
- ACCOBAMS Training Course on Cetacean Monitoring in Black Sea. Constanta, 2001
- Certificate of competence for yachting, 2005
- COCONET Summer Course "Good environment Status and Marine Protected Areas in the Mediterranean and Black Seas", 2014
- ACCOBAMS Training Courses On Photo ID And Databases for Experts", Lebanon, 2018

Field Experiences

- TUDAV Project Assistant, 1997 – 2005
- Dolphin observations by "R/V YUNUS" in Marmara, Aegean Sea and Western Black Sea.
- Scientific Diving and marine mammals observation studies in Gökçeada TUDAV Marine Reserve
- Relationship between Swordfish fishing and cetacean bycatches observation studies in Fethiye, 2000 May, June
- Fin Whale skeleton mounting, 2001
- Relationship between Turbot fishing and cetacean bycatches observation studies in Western Black Sea, 2002-2003. 2007-2008.
- W. Black Sea Cetacean Stranding Research Survey 2003 - 2017
- TUDAV Life Project-environment and marine education in primary and high school, 2004
- Cetacean survey by R/V ARAR in the Black Sea, 2006
- Cetacean survey by IFAW's R/V SONGS OF THE WHALE in South Aegean Sea, 2007
- Cetacean survey by E/V NAUTILUS in the Black Sea, 2011
- International Workshop on Fish Telemetry and Pit Tag Use, 2013
- Cetacean aerial survey in the western Black Sea, DigiMare 2013
- Cetacean survey by MCR's R/V SONGS OF THE WHALE in the Aegean Sea, 2013
- First joint Turkish–Ukrainian Antarctic Research Expedition 2016
- 22. Ukrainian Antarctic Expedition 2017
- ACCOBAMS Survey Initiative, Aerial Survey 2018
- CENOBAS, Black Sea Aerial Survey 2019

Projects

- "CetaGen Project" Investigating the Genetic Structure of Three Small Cetacean Species; *Tursiops truncatus* (Montagu, 1821), *Delphinus delphis* Linnaeus, 1758, *Phocoena phocoena* (Linnaeus, 1758) living in Turkish Waters, TUBITAK 114Y568, Coordinator, 2015-2017.
- CoCoNET › Towards COast to COast NETworks of Marine Protected Areas Coupled With Sea-based Wind Energy Potential", EU, FP7-OCEAN-2011-287844 , Researcher, 2012-2016
- Cetacean Strandings on the Western Turkish Black Sea Coast between September 2009 – August 2010", BSC-Cetaceans/2010, Coordinator, 2010-2011.
- Project of Cetacean Bycatch and Stranding Related To Turbot Fishery and Marine Litter (ML) Pollution in the Western Turkish Black Sea Coast", BSC-UNEP/MoU2 (BSC-ML/2008), Coordinator, 2009-2010.
- Feedback Monitoring Program on the Cyclic Fish Migration Through Bosphorus Within The Frame of Marine Works to be Carried Out in the Marmaray Project, FMP-Fish Migration, Researcher, 2006-2008.
- Interaction with the Cetacean Strandings and Turbot Fisheries in the Western Black sea, IU BAP T-924/061006, Coordinator, 2008-2010

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