

ACCOBAMS Course for Highly Qualified Marine Mammals Observers (MMO) and Passive Acoustic Monitoring operators (PAM)

Oceanomare Delphis and CIBRA, under the agreement signed with ACCOBAMS, organize a new training course to qualify individuals as MMO and PAM operators. The certification qualifies people to work as MMOs/PAM operators throughout the Mediterranean and the Black Sea in 24 countries.

30 November - 5 December 2026



Topics Covered in the Training Course:

- Introduction to marine mammals and acoustics
- Human activities generating underwater noise and impacts on marine mammals
- Existing regulations, mitigation procedures, and ACCOBAMS Guidelines
- The role of MMO/PAM and the lifestyle onboard
- Introduction to Geographic Information Systems (GIS) to map acoustic and visual sightings.
- Using PAM for survey and research
- Introduction to the hardware used for PAM
- Hands-on training with PAMGUARD-Tips and troubleshooting
- Autonomous acoustic bottom recorders
- The Intercet platform
- Practical Sessions (hydrophones: types use and installation, soundcards and software)

Speakers and Presenters: Giovanni Caltavuturo, Claudio Fossati, Guido Gnone, Michele Manghi, Barbara Mussi.



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