

Curriculum Vitae

Dr. Laura Bray
Marine Biologist
Institute of Oceanography
Hellenic Centre for Marine Research
lbray@hcmr.gr

Education

- **Doctor of Philosophy** 2013 - 2017
University of Plymouth, UK
"Preparing for Offshore Wind Farms in the Mediterranean"
- **Bsc (Hons) Marine Biology and Oceanography** 2009 - 2013
University of Plymouth, UK
1st Class Honours
- **GCE Advanced Level** 2006 - 2008
Havant College, UK
- **GCSE Level** 2004 - 2006
Chichester High School, UK

Research Interests

- Mediterranean benthic ecology and biodiversity
- Marine spatial planning and marine system management
- Integrative assessments of ecosystem health

Work Experience

- **Research assistant** (2017-Present)
Hellenic Centre of Marine Research
 - Participation in multiple European and Greek National projects (MedSea Checkpoint, MedSea Litter, Greek Water Framework Directive)
 - Field sampling (in transitional and coastal waters for benthic macroinvertebrates, physicochemical and hydromorphological parameters)
 - Data entry and analysis
 - Reporting
- **PhD Candidate** (2013 – 2017)
Hellenic Centre of Marine Research
 - Scholarship from FP7 European Project CoCoNET
 - Organization and participation of field sampling
 - Taxonomical analysis of meiofauna samples
 - Underwater visual surveys
 - Publication of results obtained by the project in international peer reviewed journals
- **Research assistant** (06/2012 – 10/2012)
Hawaiian spinner dolphin Project
 - Based in Kona, Hawaii.
 - Photographic ID of local spinner dolphin populations from a research vessel
 - Regular environmental and anthropogenic data recording (including theodolite exercises)
 - Acoustic logger deployment and maintenance, boat handling, and database management.

- **Research assistant** (09/2011 – 12/2011)
Maldivian Manta Ray Project
 - Based at the Four Seasons Resort, Kuda Hurra, Maldives.
 - Data collection on individual movements, population dynamics, and behavioural traits of the resident reef manta population through the use of photography and image analysis.

- **Patrol Assistant** (2007-2012)
Chichester Harbour Conservancy
 - Small team manning fast response emergency RIBs attending to incidents within the harbour
 - Assistance with managing and maintaining the harbour AONB ecosystem (e.g. include water sampling/monitoring, environmental clean-up strategies, and local fauna and flora observation).

Other Qualifications and Interests

- RYA Advanced Powerboat
 - PADI Advanced Open Water Diver
 - PADI Enriched Air Diver
 - PADI Emergency Oxygen Provider
 - Emergency first response primary and secondary care CPR/First Aid
 - RYA VHF Short Range Certificate
 - HSE First Aid at Work
 - HSE Automated External Defibrillation and CPR
 - RNLI Beach Lifeguard NVQ
 - Full, Clean Driving Licence
 - Good knowledge of Greek language (B2 level)
 - Reviewer for several international journals
-

Publication history

- Bray, L.**, Digka, N., Tsangaris, C., Camedda, A., Gambaiani, D., de Lucia, G. A., ... & Raga, J. A. (2019). Determining suitable fish to monitor plastic ingestion trends in the Mediterranean Sea. *Environmental Pollution*, 247, 1071-1077.
- Bray, L.**, Kassis, D., Hall-Spencer, J.M., 2017. Assessing larval connectivity for marine spatial planning in the Adriatic. *Marine Environmental Research* 125, 73–81.
- Bray, L.**, Reizopoulou, S., Voukouvalas, E., Soukissian, T., Alomar, C., Vázquez-Luis, M., Deudero, S., Attrill, M.J., Hall-Spencer, J.M., 2016. Expected Effects of Offshore Wind Farms on Mediterranean Marine Life. *Journal of Marine Science and Engineering* 4, 18.
- Soukissian, T., Reizopoulou, S., Drakopoulou, P., Axaopoulos, P., Karathanasi, F., Frascchetti, S., **Bray, L.**, Foglini, F., Papadopoulos, A., De Leo, F., others, 2016. Greening offshore wind with the Smart Wind Chart evaluation tool. *Web Ecology* 16, 73–80.
- Bray, L.**, Pancucci-Papadopoulou, M., Hall-Spencer, J.M., 2014. Sea urchin response to rising pCO₂ shows ocean acidification may fundamentally alter the chemistry of marine skeletons. *Mediterranean Marine Science* 15, 510–519.
- Baggini, C., Salomidi, M., Voutsinas, E., **Bray, L.**, Krasakopoulou, E., Hall-Spencer, J.M., 2014. Seasonality Affects Macroalgal Community Response to Increases in pCO₂. *PloS one* 9, e106520
-