

Fisheries and marine environment PhD

Arabic (mother tongue), French and English (fluent), Italian (basic)



✉ **Emna BEN LAMINE**

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Driving license "B" / Coastal boat driving licence

My skills

Technical

Field work planning
Marine species and communities ecological monitoring
Fishing pressure monitoring
Spatial planning using GIS
Professional scientific diving (diving license CAH-IB)

Scientific

Literature review

Data gathering using valid sampling scheme
Data analysis with appropriate statistics
Analytic reasoning

Communication

Team work and leadership developing skills
Meetings and trainings organization (including webinars)
Trainer (scientific monitoring to volunteers, citizen sciences)
Conflict management

Computer

Statistics: xlstat, Primer and permanova+ and R software
GIS : ArcView, ArcGIS, QGIS
Marxan software for systematic conservation prioritization
Photoshop, ImageJ

Professional experience

01/04/2015 - 30/06/2017: CDD- PhD, University of Nice Sophia Antipolis and National Agronomic Institute of Tunisia,

Topic: Fish assemblages and fisheries monitoring indicators and methods in MPAs in Tunisia

* synthetizing existing data, choosing fish and fisheries monitoring methods, planning field work (scuba dive and collecting data with fishermen), calculating indicators and statistical tests*

05/12/2013-31/03/2015: fisheries manager, fisheries and aquaculture district of Monastir (Agriculture Ministry)

monitoring fishing vessels and licenses*

01/03/2011-04/12/2013: Environment manager, Valotech office for environmental studies and trainings, Tunisia

in charge of environmental and impact studies for industrial and aquaculture projects, organizing training sessions for industrials

Consultancies

- 2019 SPA/RAC** Technical consultant for implementing and writing the content of the SPAMI collaborative platform (SPAMI twinning Programme), (Tunisia)
- 2019 SPA/RAC** Scientific consultant for the monitoring of recreational and artisanal fishing in Kuriat island MPA (Tunisia)
- 2019 SPA/RAC** Scientific consultant to develop information and communication tools « Traduction de la langue française vers la langue arabe de la brochure « La Science des Aires Marines Protégées » (Tunisia)
- 2019 WWF Mediterranean Marine Initiative (WWF MMI)** Technical consultant for evaluation of the impact of Mediterranean Leadership Forum on the professional career of participants (Italy)
- 2019 WWF MMI** reporter for « Science to Action » workshop, (Morocco)
- 2018-2019 Emirates Nature In association with World Wide Funds for nature (EN-WWF)** Technical and scientific consultant for identifying priority areas for marine conservation using Systematic Conservation Planning (using Marxan Software) (United Arab Emirates)
- 2018 SPA/RAC** Technical and scientific consultant for monitoring fishing activities in Kuriat Islands Marine Protected Area (Tunisia)
- 2017 SPA/RAC** Technical and scientific consultant for monitoring and assessment of marine natural habitats Tyre Coast Nature Reserve (Lebanon)
- 2016 SPA/RAC** trainer during Regional Mediterranean training for MPAs managers, on species diversity monitoring (Monastir and Kuriat Islands, Tunisia)
- 2016 SPA/RAC** monitoring associated fauna (including fish) in marine key habitats of Cap Negro Cap Serrat MPA (Tunisia)
- 2013-2014 SPA/RAC** Technical and scientific consultant for the SPA/RAC to implement a monitoring strategy for fish assemblages in Tunisia: Kuriat Islands MPA

University curriculum

- 2014-2017:** PhD in marine environment and fisheries (codirection ((INAT, Tunisia/ UCA, France))
- 2010-2012:** Master degree (specialty Ecosystem and Aquatic resources, INAT, Tunisia)
- 2007-2010:** Engineering in Fisheries sciences and environment (INAT, Tunisia)
- 2005-2007:** Biology-geology preparatory school (ISA Chott Mariem, Tunisia)

Internships and trainings

February 2019: third Collaborative leadership forum for marine conservation, WWF, NOAA, (Turkey), (a program designed to identify outstanding individuals from MPAs who have shown the promise of leadership) with emphasis on **MPAs Stakeholder Engagement**.

May 2018: Marxan school training: Systematic Conservation Planning and Marxan use, University of the Aegean (Geece)

April 2018: second Collaborative leadership forum for marine conservation, WWF, NOAA, (Spain), with emphasis on **communication**

June 2017: first Collaborative leadership forum for marine conservation, WWF, NOAA, (Italy) with emphasis on leadership

Marsh 2016 Training on management project techniques, University Côte d'Azur (UCA), France

June- July 2014: Training on the management of fisheries and the integrated management of coastal zones, Xiamen, (China)

June 2013 : Internship on “Climate change and ecological modelling”, INAT, GIZ, Tunis (Tunisia)

Scientific contributions

Ben Lamine E., Di Franco A., Romdhane M.S., Francour P. 2018. Comparing commercial, recreational and illegal coastal fishery catches and their economic values: A survey from the southern Mediterranean Sea. *Fisheries Management and Ecology* 25, 456–463. <https://doi.org/10.1111/fme.12321>

Ben Lamine E., Di Franco A., Romdhane M.S., Francour P., 2018. Can citizen science contribute to fish assemblages monitoring in understudied areas? The case study of Tunisian marine protected areas. *Estuarine, Coastal and Shelf Science* 200, 420–427. <https://doi.org/10.1016/j.ecss.2017.11.031>

Ben Lamine E., Guidetti P., Romdhane M.S. and Francour P. 2018. Fish assemblages along the coasts of Tunisia: a baseline study to assess the effectiveness of future Marine Protected Areas: *Mediterranean Marine Science*. <http://dx.doi.org/10.12681/mms.14206>

Kara M.H., **Ben Lamine E.,** Francour P. 2015. Range expansion of an invasive pufferfish, *Lagocephalus lagocephalus* (Actinopterygii: Tetraodontiformes: Tetraodontidae), to the south-western Mediterranean. *Acta Ichthyol. Piscat.* 45 (1) : 103–108.

Ben Lamine E., Romdhane M.S., Seytre C. and Francour P. 2015. Mise en place d'un suivi à long terme des peuplements de poissons des aires marines protégées en Tunisie. Présentation affichée. Actes des VIe Rencontres de l'Ichtyologie en France. Paris, France. 137p.

Ben Lamine E., Romdhane M.S., Ben Rais Lasram F. and Francour P., 2014. Towards the creation of a network for fish monitoring in Tunisian MPAs. **Proceedings of the Regional experience-sharing workshop of the MedPAN network.** Tirana, Albanie. 107p.

Technical Reports

Forcada A., Valle C., Bariche M., **Ben Lamine E.**, Sghaeir Y.-R., Samaha Z., & Limam A., 2017. Report of the Marine Survey in Tyre Part of the Sustainable Fisheries Project. **SPA/RAC- IUCN ROWA**, 90 p.

Ben Lamine E. 2016. Mise à jour et évaluation des peuplements de poissons en fonction des habitats clés, Cas d'étude : Cap Negro Cap Serrat. Centre Régional des Activités pour les Aires Spécialement Protégées. **Projet MEDKEYHABITATS. SPA/RAC publi.** Rapport définitif. 24 p.

Francour P., Cottalorda J.M., **Ben Lamine E.**, Di Franco A., Dominici J.M., Guidetti P., Prato G. 2015. Evaluation des peuplements de poissons et des paysages sous-marins en vue de l'extension de la réserve naturelle de Scandola. Contrat Parc Naturel Régional de Corse et Université Nice Sophia Antipolis. ECOMERS, publ., Nice : 1-33 p.

Ben Lamine E., 2014. Mise à jour et d'évaluation des peuplements de poissons des îles Kuriat. Contrat MedMPANet. SPA/RAC publi, 39p.

Ben Lamine E., 2014. Synthèse sur les techniques et les indicateurs de suivi des peuplements de poissons dans les Aires Marines Protégées (AMP) en Méditerranée. Contrat MedMPANet. RACSPA publi, 24p.

Ben Lamine E., 2014. Synthèse sur les techniques et les indicateurs de suivi écologiques des poissons dans les îles Kuriat. Contrat MedMPANet. RACSPA publi, 40p.

Harmelin J.-G., **Ben Lamine E.**, Ghanem R., Zarrouk A. and Agrebi S. 2010, Statut des assemblages de poissons de La Galite : point zéro et recensement d'espèces cibles le long de la bordure littorale par la méthode PMT. Note naturaliste, Petites Iles de Méditerranée. 18p.

Referees

Paolo Guidetti, Director of ECOMERS laboratory, University of Nice, (paolo.guidetti@unice.fr)

Sylvaine Giakoumi, ANR Research Fellow, ECOMERS laboratory, University of Nice (sylvaine.giakoumi1@gmail.com)

Souha Elsmi, Programme officer, SPA/RAC (souha.asmi@spa-rac.org)

Other activities

Travelling, hiking, swimming, aquagym, photography



More than 250
dives in the
Mediterranean
since 2011

