

Federico Maioli

PhD student in Marine Ecology, University of Bologna

Curriculum Vitae
July 2023

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About me

Hi there! My name is Federico Maioli. I am a quantitative marine ecologist born in Parma, a city in the Italian hinterland equidistant from the east coast and the west coast, perhaps one of the furthest cities from the sea in Italy. The climate is humid, but you can eat well. I study the spatio-temporal distribution of marine species, mainly elasmobranchs. I am an enthusiastic R user and enjoy working with packages such as Hmsc, glmmTMB, sdmTMB and brms in my research. When not modelling species distribution, I enjoy spending time outdoor, scuba diving, free-diving, and photographing wildlife.

Current position

Nov. 2020 - Present **PhD Student in Marine Ecology** University of Bologna
Bologna, Italy

Education

Oct. 2017 - Oct. 2019 **MSc in Marine Biology (with honours)** University of Bologna
Ravenna, Italy
Sept. 2013 - Feb. 2017 **BSc in Natural and Environmental Sciences** University of Parma
Parma, Italy

Work experience

Aug. 2019 - Oct. 2020 **Environmental Monitoring and Assessment Analyst** Swedish University of Agricultural Sciences (SLU)
Lysekil, Sweden

Publications

Peer reviewed

1. Maioli, F., Weigel, B., Chiarabelli, E., Manfredi, C., Anibaldi, A., Isailović, I., Vrgoč, N., & Casini, M. (2023). Influence of ecological traits on spatio-temporal dynamics of an elasmobranch community in a heavily exploited basin. *Scientific Reports*, 13, 9596. <https://doi.org/10.1038/s41598-023-36038-y>

Reports

1. ICES. (2023). Workshop 2 on fish distribution (WKFISHDISH2; outputs from 2022 meeting). *ICES Scientific Reports*, 5, 7. <https://doi.org/10.17895/ices.pub.21692246>
2. ICES. (2019). Report on eastern baltic cod bycatch in non-targeted fisheries, mixing with western baltic cod in SD24, and stock situation in SDs 27-32. *ICES Scientific Report*, 1(76). <https://doi.org/10.17895/ices.pub.5635>

Award and scholarships

Jul. 2023 **EuroMarine 2023 Individual Fellowship call**
➤ 600 eur
Jul. 2022 **Best presentation** Fourth ICES PICES Early Career Scientist Conference
St. John's, NL, Canada
Jan. 2019 - Jun. 2019 **Erasmus Plus scholarship** Swedish University of Agricultural Sciences (SLU)
Lysekil, Sweden
Sep. 2015 - Feb. 2016 **Erasmus Plus scholarship** University of Valencia
Valencia, Spain

Talk

Jul. 2022 **Influence of ecological traits on spatio-temporal dynamics of an elasmobranch community in a heavily exploited basin** Fourth ICES PICES Early Career Scientist Conference
St. John's, NL, Canada

Working groups

2022 - Present **Member of WGCOMEDA** (<https://www.ices.dk/community/groups/Pages/WGCOMEDA.aspx>)
2022 - Present **Member of WKFISHDISH2** (<https://www.ices.dk/community/groups/Pages/WKFISHDISH2.aspx>)

Supervision

2023	Co-Supervisor of MSc student Julia Cao Sanchez	Uppsala University
2022	Co-Supervisor of BSc student Vittoria Zuccarini	University of Bologna
2021	Co-Supervisor of MSc student Emanuele Ascitto	University of Bologna

Research visits

Jun. 2023 - Present	Guest researcher Copenhagen, Denmark	National Institute of Aquatic Resources (DTU Aqua)
May 2022	Research visit Jyväskylä, Finland	University of Jyväskylä
May 2022	Research visit Helsinki, Finland	University of Helsinki

Courses

2022	Hierarchical Modelling of Species Communities (HMSC) course by Professor Otso Ovaskainen
2021	Model-based Multivariate Analysis in Ecology course by Professor David Warton
2021	Fish and Fisheries Ecology course by Prof. Jonas Hentati-Sundberg and Prof. Magnus Huss