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** Bologna, Italy	University of Bologna

Education

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

Work experience

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

Publications

Peer reviewed

1. Maioli, F., Weigel, B., Chiarabelli, E., & al., et. (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. 2022	**Best presentation** St. John's, NL, Canada	Fourth ICES PICES Early Career Scientist Conference
Jan. 2019 - Jun. 2019	**Erasmus Plus scolarship** Lysekil, Sweden	Swedish University of Agricultural Sciences (SLU)
Sep. 2015 - Feb. 2016	**Erasmus Plus scolarship** Valencia, Spain	University of Valencia

Talk

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

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 Asciutto**   University of Bologna

Research visits

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

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**