

Sara Maggini

ORCID

<https://orcid.org/0009-0005-6720-546X>

Degrees

BSc, La Sapienza, University of Rome, Italy (2016)

MSc, La Sapienza, University of Rome, Italy (2018)

PhD, Bangor University, Wales, United Kingdom (2025)

Positions

PhD student, Bangor University, Wales (2019-2025)

Research Assistant, DTU Aqua, Technical University of Denmark (2024-present)

Research area

Sara focuses on integrating genetic and genomic data into fisheries assessment and management to support marine biodiversity conservation. She uses environmental DNA (eDNA) to estimate bycatch composition in demersal and pelagic fisheries, aiming to improve species identification and quantification methods. Her work contributes to biodiversity monitoring by detecting not only commercial species but also protected, endangered, and threatened marine species.

Distinctions and awards

Santander Scholarships Skills, Bangor University Virtual Mobility Awards (2021)

Publications

Type of publication:	Number
Web of Science publications:	1
Citations:	1
<i>h</i> -index:	1
Book chapters:	
Reports:	2

International conferences (last 5 years)

Type of participation:	Number
Contributions as first author:	2

Evaluation tasks and reviews (last 5 years)

Reviewer for *Environmental DNA* journal

Reviewer for *Molecular Ecology Resources* journal

Educational tasks at academical level (last 5 years)

Bangor University, assisting with teaching classes at the School of Natural Sciences and Oceanic Sciences

Supervision (ongoing or finished in the last 5 years)

	Principal/main supervisor	Co-supervisor
Other (MSc etc.)	Number	1

Collaboration with other stakeholders (within last 5 years)

Danish Pelagic Producers Organisation (DPPO)

Danish Fishers and Producers Organization (DFPO)

Selected publications

Maggini, S., Jacobsen, M.W., Urban, P., Hansen, B.K., Kielgast, J., Bekkevold, D., Jardim, E., Martinsohn, J.T., Carvalho, G.R., Nielsen, E.E. and Papadopulos, A.S., 2024. Nanopore environmental DNA sequencing of catch water for estimating species composition in demersal bottom trawl fisheries. *Environmental DNA*, 6(3), p.e555.

Maggini S., Papadopulos A. S. T., Jardim E., Martinsohn J. T., Nielsen E. E., Carvalho G. R. Integration of genetic data into management of commercially exploited fish species – a systematic review of 40 years of research in the North-East Atlantic.

In submission.