

Curriculum Vitae



Claudia Traboni

Born in Naples on 14/02/1991

Post Doc Researcher
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Education

Institute and location	Degree	Year	Discipline and field of study
<i>Université Libre de Bruxelles</i> (Bruxelles, BE)	PhD Degree	2018-2022	School of agronomy and biological engineering, Ecology of Aquatic Systems
<i>Università degli Studi di Napoli Federico II</i> (Naples, IT)	Master Degree	2015-2017	Biology and ecology of marine environment and sustainable use of marine resources, Biological Oceanography
	Bachelor Degree	2010-2015	Biological Sciences, Ecophysiology of aquatic organisms

Work and training experience

Institute and location	Position	Project	Year	Field of study
<i>Stazione Zoologica Anton Dohrn</i> (Naples, IT)	PostDoc Researcher	PNRR	Since 2024	Gelatinous zooplankton diversity and ecology in space and time
<i>Institut de Ciències del Mar-CSIC</i> (Barcelona, SP)	Research Technician	Zootenut	2023	Plankton ecophysiology under nutrient & thermal stresses
		Zootherm	2021	
	PhD student	Miticap	2021-2022	Mitigation of fishing impacts on benthos and coral restoration
<i>Stazione Zoologica Anton Dohrn</i> (Naples, IT)	Postgraduate trainee	Reccam	2017-2018	Molecular ecology of seagrasses under thermal stress
	Master Student	Input	2016-2017	Plankton-microplastics trophic interactions
<i>Università degli Studi di Napoli Federico II</i> (Naples, IT)	Bachelor Student		2010-2015	Ecophysiology of decapods under nitrite and thermal stresses

Grants and fellowships

- Transnational Access program EU H2020-INFRAIA AQUACOSM+ No 871081, Proposal for the project “ZooCalk”, May 2023, *Hellenic Center for Marine Research* (Crete, GR); role: team leader
- Marie-Sklodowska Curie ITN fellowship within the project “MixITiN”, No 766327, 2018–2021, *Institut de Ciències del Mar-CSIC* (Barcelona, SP); role: early stage researcher

Field work and oceanographic expeditions

- LTER-MC sampling, *Stazione Zoologica Anton Dohrn* (Naples, IT), 2024 to present
- “AlkalOcean” mesocosm experiment, *Hellenic Centre for Marine Research* (Crete, GR), May 2023
- “Miticap” and “Rescap” scuba diving and ROV census in Parque Natural de Cap de Creus (Girona, SP), *Institut de Ciències del Mar-CSIC*, April-Oct. 2022
- “Bloomfinz” expedition, Guam (USA) to Darwin (AUS) NSF-cruise onboard the *R/V Roger Revelle*, *Scripps Institution of Oceanography* (San Diego, USA), Jan-March 2022
- “Input” mesocosm experiment *Stazione Zoologica Anton Dohrn* (Naples, IT), June 2016.

Publications on ISI journals

- Anschütz AA^{1*}, Maselli M¹, **Traboni C**¹, Bonn A, Stolte W (2024). Importance of integrating mixoplankton into coastal management – examples from the Marine Strategy Framework Directive. *Integrated Environmental Assessment and Management*.
<https://doi.org/10.1002/ieam.4914>
- Traboni C**^{1*}, Sarno D, Ribera d'Alcalà M, Mazzocchi MG (2023). Microplastics in the menu of Mediterranean zooplankton: insights from the feeding response of the calanoid copepod *Centropages typicus*. *Marine Ecology*.
<https://doi.org/10.1111/maec.12760>
- Traboni C**^{1*}, Calbet A, Saiz E (2021). Mixotrophy upgrades food quality for marine calanoid copepods. *Limnology & Oceanography*.
<https://doi.org/10.1002/lno.11948>
- Traboni C**^{1*}, Calbet A, Saiz E (2020). Effects of prey trophic mode on the gross-growth efficiency of marine copepods: the case of mixoplankton. *Scientific Reports*.
<https://doi.org/10.1038/S41598-020-69174-W>
- Flynn KJ^{1*}, Mitra A, Anestis K, Anschütz AA, Calbet A, Duarte Ferreira G, Gypens N, Hansen PJ, John U, Lapeyra Martín J, Mansour JS, Maselli M, Medić N, Norlin A, Not F, Pitta P, Romano F, Saiz E, Schneider L, Stolte W, **Traboni C** (2019). Mixotrophic protists and a new paradigm for marine ecology: where does plankton research go now? *Journal of Plankton Research*.
<https://doi.org/10.1093/PLANKT/FBZ026>
- Traboni C**¹, Mammola SD¹, Ruocco M, Ontoria Y, Ruiz JM, Procaccini G*, Marín-Guirao L (2018). Investigating cellular stress response to heat stress in the seagrass *Posidonia oceanica* in a global change scenario. *Marine Environmental Research*.
<https://doi.org/10.1016/J.MARENRES.2018.07.007>

Technical Reports

- Hansen PJ¹, Flynn KJ, Mitra A, Calbet A; Saiz E, Pitta P, Maselli M, Medić N, Romano F, **Traboni C** (2021). A manual for isolation and culture of mixoplankton to support experimental studies. *Zenodo*. <https://doi.org/10.5281/zenodo.5520863>

Contributions in scientific conferences

- Forum Nazionale della Biodiversità (Palermo, IT), May 2024
- EGU General Assembly 2024 conference (Vienna, AUT), April 2024
- 3rd International Symposium on Aquatic Mesocosm-Based Research (Antalya, TR), Nov. 2023
- Ecology Seminar Series of the *Scripps Institution of Oceanography* (remote session), Oct. 2022
- Annual Larval Fish Conference 2022 (San Diego, USA), Aug. 2022
- ASLO Ocean Science Meeting (remote session), June 2021
- International mixoplankton conference (Cardiff, UK), Jan. 2021
- MixITiN International Symposium (Crete, GR), Nov. 2019
- Gli stati generali del mare (Naples, IT), Oct. 2017

Research secondments

- *Deltares*, Delft (NL), 2018, duration: 2 months
- *Swansea University*, Swansea (UK), 2019, duration: 2 months

Attendance to courses and workshops

- Field techniques & environmental monitoring, *Hellenic Centre for Marine Research* (GR), 2019
- Environmental management and policy making, *University of Copenhagen* (DK), 2019
- Media engagement and outreach activity, *Swansea University* (UK), 2018
- Laboratory techniques, outreach and dynamics modelling, *University of Copenhagen* (DK), 2018
- Molecular techniques, professional development skills, public engagement and systems dynamics modelling, *Station Biologique de Roscoff* (FR), 2018

Academic services

- Reviewer of research papers for *Limnology and Oceanography Letters*, *Frontiers in Marine Sciences*, *Advances in Oceanography and Limnology*
- Reviewer of 1 US National Science Foundation (NSF) Project
- Reviewer of 1 PhD Thesis

Memberships in scientific societies

- British Phycological Society
- Association for the Science of Limnology and Oceanography (ASLO)