

Martina Genovese



Born in Naples on 28/01/1987

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Current Position: Technologist III level - Research Manager EMBRC-UP

Current Affiliation:

Third Mission - Grant & Innovation Office (GIO)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Department of Earth and Sea Science, University of Palermo, Italy	B.Sc.	2012	Marine Biology
Department of Earth and Sea Science, University of Palermo, Italy	M.Sc.	2015	Marine Ecology
Marine Protected Area of Egadi Islands, Italy - Sea Turtles Center	Marine Biologist and Environmental Educator	2016-2018	Marine Conservation
National Agency for new technologies, energy and sustainable economic development (ENEA), Italy,	Scientific Expert collaborator	2019-2020	Ideation and preparation project proposals

Summit of the Two Shores – MAECI			
Regional Center of Marine Strategy – ArpaCal, Italy	Marine Biologist, Cat. D	2020	Marine Monitoring - MSFD
Natural Capital and Protected Areas: planning, organization and management, University of la Sapienza, Rome, Italy	Master II level	2021	Nature Conservation
Stazione Zoologica Anton Dohrn, Calabria Marine Centre, Italy - EMI Department	Cter VI level	2021-2023	Marine Biology and Ecology
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist III level	June 2023 - Present	Research Management

Appointments and awards

- 2013-2014: Erasmus Scholarship, Department of Biology, University of Portsmouth (UK), Ecotoxicology on microalgal community of coral reef;
- 2015: Erasmus-Plus Fellowship, Department of Sustainable Aquaculture and marine ecosystems, University of Las Palmas de Gran Canaria (Spain);
- 2018: National Geographic Early Career Grant (EC-175R-18), Project “Mediterranean Plastic Free”, about macro- and micro-plastic impacts in the MPA of Egadi Islands;
- 2019: National Geographic IF/THEN Initiative Grant, about micro-plastic impacts on marine biota;
- 2023: National Geographic Meridian Grant (NGS-102425E-23), Project “Respire”, marine biology and ecology research approaches for citizen science with young generation.

Boardings - Field work

- 2022: OffShore Oceanographic campaigns, ROV Imaging Operator, NGworker vessel, SZN;
- 2021: OffShore Oceanographic campaigns, Marine Mammals Observer and Seabirds Observer, MainportGeoper ship - SZN;
- 2021: Head of oceanographic campaigns mission - Astrea research vessel - MSFD
- 2020: MSFD boardings - ArpaCal, CP and financial police boats;
- 2019: Impacts of macro and micro litter - Astrea research vessel - Interreg-Med Plastic Buster MPAs ISPRA-SZN;
- 2012: Oceanographic embarkation - ANCHEVATIR 2012 - for biotic and abiotic matrices - Dallaporta research vessel - IAMC-CNR;
- 2009: Oceanographic embarkation - EVATIR 09 - for biotic and abiotic matrices - Dallaporta research vessel - IAMC-CNR;
- 2008: Oceanographic embarkation - BANSIC 08 - for biotic and abiotic matrices, Urania research vessel - IAMC-CNR.

Publications and Conferences

Christian Galasso, Nadia Ruocco, Mirko Mutalipassi, Lucia Barra, Valentina Costa, Chiara Giommi, Alessia Dinoi, **Martina Genovese**, Daniela Pica, Chiara Romano, Silvestro Greco, Chiara Pennesi, *Marine polysaccharides, proteins, lipids, and silica for drug delivery systems: A review*, International Journal of Biological Macromolecules, Volume 253, Part 5, 2023, 127145, ISSN 0141-8130, <https://doi.org/10.1016/j.ijbiomac.2023.127145>.

Martina Genovese, Maria Cristina Mangano, Federica Papa, Teresa Romeo, Silvestro Greco, *Local businesses' consumption and perception of Single-Use Plastics: A preliminary assessment for conservation and mitigation plans in the Egadi Islands Marine Protected Area*, Marine Pollution Bulletin, Volume 194, Part A, 2023, 115252, ISSN 0025-326X, <https://doi.org/10.1016/j.marpolbul.2023.115252>.

Maurizio Sarà, Roberto Firmamento, Giuseppe Cangemi, Luca Pagano, **Martina Genovese**, Teresa Romeo, Silvestro Greco, *Welcome aboard: are birds migrating across the Mediterranean Sea using ships as stopovers during adverse weather conditions?*, IBIS Volume 165, Issue 1 January 2023, Pages 328-339, <https://doi.org/10.1111/ibi.13103>.

P. Battaglia, E. Ascitutto, S. Canese, F. Cardone, P. Consoli, V. Costa, **M. Genovese**, V. Palummo, D. Pica, E. Salvati, F. Stenico, G. Ucciero, T. Romeo, S. Greco, *Characterization of fish diversity through ROV surveys in an unexplored deep-sea area of the central Mediterranean Sea*, 56 European Marine Biology Symposium, Deep sea and research in extreme environments: knowledge and conservation (Reykjavik, Iceland - September 4 — 8, 2023).

M. Mutalipassi, C. Galasso, C. Giommi, D. Pica, N. Ruocco, V. Costa, D. Malara, C. Molino, C. Pennesi, R. Firmamento, S. Scozzafava, **M. Genovese**, C. Scianna, L. Barra, G. Marino, C. Berti, C. Rizzo, T. Romeo, S. Greco, *Benefits from disasters: biotechnological potential of microbenthos living in polluted environments*, 52° Congresso SIBM (Messina, 12-15 giugno 2023).

M. Genovese, A. Tronel, D. Iandolo, D. Eglin, and L. Barra, *Exploiting cryogels combined with *Tetraselmis convolutae* for cadmium phycoremediation of marine waters*, International Congress on Metal-microbe applications to expand the circular economy (IMAB) (April 19th-21st, Porto, Portugal).

Gabriella Schirinzi, Cristina Pedà, Franco Andaloro, Matteo Baini, Pietro Battaglia, Michela D'Alessandro, **Martina Genovese**, Marinella Farré, Cristina Panti, Maria Cristina Fossi & Teresa Romeo, *Occurrence of Microplastics in the Gastrointestinal Tracts (GITs) of the Common Dolphin, *Coryphaena Hippurus*, from the Western Mediterranean Sea*, 2nd International Conference on Microplastic Pollution in the Mediterranean Sea, [10.1007/978-3-030-45909-3_37](https://doi.org/10.1007/978-3-030-45909-3_37).

R. Trepos, **M. Genovese**, J. Mawer, G. Brown and C. Hellio. *Low Emission AntiFouling (LEAF) Project: Antifouling compounds and evaluation of toxicity*, 17th International Congress on Marine Corrosion and Fouling, Singapore, 2014-07-06, Conference poster.

Report

Rapporto della Direttiva quadro sulla strategia marina Monitoraggio dell'AMP di Capo Rizzuto (Italia), con linee di mitigazione degli impatti e linee guida gestionali. Convenzione per l'esecuzione del protocollo attuativo D.M. n. 24833 dell'11 dicembre 2015 per attuazione del D.M. n. 22 dell'11 febbraio 2015.

