

Cristina Pedà



Born in Reggio Calabria (Italy) on 10/09/1982

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Current Position: Researcher III level

Affiliation:

Calabria Marine Centre, CRIMAC, Department of Integrative Marine Ecology (EMI), Stazione Zoologica Anton Dohrn - National Institute of Biology, Ecology and Marine Biotechnology Amendolara

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Messina, Italy	Master Degree	2008-2010	Biology and Ecology of the Coastal Marine Environment
Institute for Environmental Protection and Research, (ISPRA), Laboratory of Milazzo, Italy	Internship	2011	Trophic ecology of fish species and taxonomic identification of prey
Department of Agriculture, University of Reggio Calabria, Italy	Ph.D.	2013-2016	Toxicological assessment of plastics pollution in fish species
University of Messina, Italy	Advanced Training Course FORINNOVA QUA	2014-2015	Training for technology innovation in aquaculture
Department of Physical, Earth and Environmental Sciences, University of Siena, Italy	Research grant	2016-2017	Marine litter pollution and its impact on biodiversity
Institute for Environmental Protection and Research, (ISPRA), Laboratory of Milazzo, Italy	Post-doc	2017-2018	Fishery management and resources

Institute for Environmental Protection and Research, (ISPRA), Laboratory of Milazzo, Italy	Post-doc	2019-2020	Marine litter pollution and its impact on biodiversity
Stazione Zoologica Anton Dohrn (SZN), Messina, Italy	Post-doc	2020-2023	Marine litter pollution and its impact on marine environment and biodiversity
Stazione Zoologica Anton Dohrn (SZN), Amendolara, Italy	Researcher III level	2023-present	Marine litter pollution and its impact on marine environment and biodiversity

Appointments and awards

2021-present: member of the Editorial Board as a Review Editor within Marine Pollution section of *Frontiers in Marine Science* and *Frontiers in Environmental Science*.

2016 – present: reviewer for the following peer reviewed journals:

Environmental Pollution, *Marine Pollution Bulletin*, *Aquatic Toxicology*, *Science of the Total Environment*, *Environmental Research*, *Marine Biology Research*.

Involvement in research projects

Plastic Busters MPAs: preserving biodiversity from plastics in Mediterranean Marine Protected Areas - Interreg MED project (2019-2020)

ConFish: Connectivity among Mediterranean fishery stakeholders and scientists resolves connectivity of fishery populations - Interreg MED project (2017-2018)

Publications

Author of 28 publications on ISI-journals (h index:17) and 1 book

List of publications of the last 10 years (2012-present)

Journal Papers

Romeo T, Battaglia P, Pedà C, Perzia P, Consoli P, Esposito V, Andaloro F. (2012). Pelagic cephalopods of the central Mediterranean Sea determined by the analysis of the stomach content of large fish predator. *Helgoland Marine Research*, 66(3), 295-306.

Castriota L, Falautano M, Finoia MG, Consoli P, Pedà C, Esposito V, Battaglia P, Andaloro F. (2012). Trophic relationships among scorpaeniform fishes associated with gas platforms. *Helgoland Marine Research*, 66(3), 401- 411.

Battaglia P, Andaloro F, Consoli P, Esposito V, Malara D, Musolino S, Pedà C, Romeo T. (2013). Feeding habits of the Atlantic bluefin tuna, *Thunnus thynnus* (L. 1758), in the central Mediterranean Sea (Strait of Messina). *Helgoland Marine Research*, 67(1), 97-107.

Battaglia P, Pedà C, Sinopoli M, Romeo T, Andaloro F. (2013). Cephalopods in the diet of young-of-the-year bluefin tuna (*Thunnus thynnus* L. 1758) from the southern Tyrrhenian Sea (central Mediterranean Sea). *Italian Journal of Zoology*, 80(4), 560-565.

- Pedà C, Battaglia P, Scuderi A, Voliani A, Mancusi C, Andaloro F, Romeo T. (2015). Cephalopod prey in the stomach contents of odontocete cetaceans stranded in the western Mediterranean Sea. *Marine Biology Research*, 11(6), 593-602.
- Romeo T, Battaglia P, Pedà C, Consoli P, Andaloro F, Fossi M.C. (2015). First evidence of presence of plastic debris in stomach of large pelagic fish in the Mediterranean Sea. *Marine Pollution Bulletin*, 95(1), 358-361.
- Battaglia P, Pedà C, Musolino S, Esposito V, Andaloro F, Romeo T. (2016). Diet and first documented data on plastic ingestion of *Trachinotus ovatus* L. 1758 (Pisces: Carangidae) from the Strait of Messina (central Mediterranean Sea). *Italian Journal of Zoology*, 83(1), 121-129.
- Pedà C, Caccamo L, Fossi MC, Gai F, Andaloro F, Genovese L, Perdichizzi A, Romeo T, Maricchiolo G. (2016). Intestinal alterations in European sea bass *Dicentrarchus labrax* (Linnaeus, 1758) exposed to microplastics: preliminary results. *Environmental Pollution*, 212, 251-256.
- Romeo T, Pedà C, Fossi MC, Andaloro F, Battaglia P. (2016). First record of plastic debris in the stomach contents of Mediterranean lanternfishes. *Acta Adriatica*, 57(1), 113-122.
- Battaglia P, Andaloro F, Consoli P, Pedà C, Raicevich S, Spagnolo M, Romeo T. (2017). Baseline data to characterize and manage the small-scale fishery (SSF) of an oncoming Marine Protected Area (Cape Milazzo, Italy) in the western Mediterranean Sea. *Ocean & Coastal Management*, 148, 231-244.
- Fossi MC, Pedà C, Compa M, Tsangaris C, Alomar C, Claro F, Ioakeimidis C, Galgani F, Hema T, Deudero S, Romeo T, Battaglia P, Andaloro F, Caliani I, Casini S, Panti C, Bainsi M. (2018). Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity. *Environmental Pollution*, 237, 1023-1040.
- Battaglia P, Perzia P, Pedà C, Esposito V, Consoli P, Andaloro F, Romeo T. (2018). Evolution, crisis and new scenarios of the Italian swordfish harpoon fishery. *Regional Studies in Marine Science*, 21, 94-101.
- Consoli P, Andaloro F, Altobelli C, Battaglia P, Campagnuolo S, Canese S, Castriota L, Cillari T, Falautano M, Pedà C, Perzia P, Sinopoli M, Vivona P, Scotti G, Esposito V, Galgani F, Romeo T. (2018). Marine litter in an EBSA (Ecologically or Biologically Significant Area) of the central Mediterranean Sea: Abundance, composition, impact on benthic species and basis for monitoring entanglement. *Environmental Pollution*, 236, 405-415.
- Caruso G, Pedà C, Cappello S, Leonardi M, La Ferla R, Lo Giudice A, Maricchiolo G, Rizzo C, Maimone G, Rappazzo AC, Genovese L, Romeo T. (2018). Effects of microplastics on trophic parameters, abundance and metabolic activities of seawater and fish gut bacteria in mesocosm conditions. *Environmental Science and Pollution Research*, 25(30), 30067-30083.
- Battaglia P, Consoli P, Ammendolia G, D'Alessandro M, Bo M, Vicchio TM, Pedà C, Cavallaro M, Andaloro F, Romeo T. (2019). Colonization of floats from submerged derelict fishing gears by four protected species of deep-sea corals and barnacles in the Strait of Messina (central Mediterranean Sea). *Marine Pollution Bulletin*, 148, 61-65.
- Battaglia P, Pagano L, Consoli P, Esposito V, Granata A, Guglielmo L, Pedà C, Romeo T, Zagami G, Vicchio TM, Guglielmo R, Andaloro F. (2020). Consumption of mesopelagic prey in the Strait of Messina, an upwelling area of the central Mediterranean Sea: feeding behaviour of the blue jack mackerel *Trachurus picturatus* (Bowdich, 1825). *Deep-Sea Research Part I: Oceanographic Research Papers*, 155, 103158.
- Schirinzi GF, Pedà C, Battaglia P, Laface F, Galli M, Bainsi M, Consoli P, Scotti G, Esposito V, Faggio C, Farré M, Barcelò D, Fossi MC, Andaloro F, Romeo T. (2020). A new digestion

- approach for the extraction of microplastics from gastrointestinal tracts (GITs) of the common dolphinfish (*Coryphaena hippurus*) from the western Mediterranean Sea. *Journal of Hazardous Materials*, 397, 122794.
- Pedà C, Battaglia P, D'Alessandro M, Laface F, Malara D, Consoli P, Vicchio TM, Longo F, Andaloro F, Bainsi M, Galli M, Bottari T, Fossi MC, Greco S, Romeo T. (2020). Coupling gastrointestinal tract analysis with an airborne contamination control method to estimate litter ingestion in demersal elasmobranchs. *Frontiers in Environmental Science*, 119.
- Tsangaris C, Panti C, Compa M, Pedà C, Digka N, Bainsi M, D'Alessandro M, Alomar C, Patsiou D, Giani D, Romeo T, Deudero S., Fossi MC. (2021). Interlaboratory comparison of microplastic extraction methods from marine biota tissues: A harmonization exercise of the Plastic Busters MPAs project. *Marine Pollution Bulletin*, 164, 111992.
- Battaglia P, Stipa MG, Ammendolia G, Pedà C, Consoli P, Andaloro F, Romeo T. (2021). When nature continues to surprise: observations of the hectocotylus of *Argonauta argo*, Linnaeus 1758. *The European Zoological Journal*, 88(1), 980-986.
- Bottari T, Mancuso M, Pedà C, De Domenico F, Laface F, Schirinzi GF, Battaglia P, Consoli P, Spanò N, Greco S, Romeo T. (2022). Microplastics in the bogue, *Boops boops*: A snapshot of the past from the southern Tyrrhenian Sea. *Journal of hazardous materials*, 424, 127669.
- Pedà C, Longo F, Berti C, Laface F, De Domenico F, Consoli P, Battaglia P, Greco S, Romeo T. (2022). The waste collector: information from a pilot study on the interaction between the common octopus (*Octopus vulgaris*, Cuvier, 1797) and marine litter in bottom traps fishing and first evidence of plastic ingestion. *Marine pollution bulletin*, 174, 113185.
- Battaglia P., Pedà C., Malara D., Milisenda G., MacKenzie B. R., Esposito V., Consoli P., Vicchio T.M., Stipa M.G., Pagano L., Longo F., Romeo T. (2022). Importance of the lunar cycle on mesopelagic foraging by Atlantic bluefin tuna in the upwelling area of the Strait of Messina (Central Mediterranean Sea). *Animals*, 12(17), 2261.
- Pedà C., Romeo T., Panti C., Caliani I., Casini S., Marsili L., Campani T., Bainsi M., Limonta G., de Rysky E., Caccamo L., Perdichizzi A., Gai F., Maricchiolo G., Consoli P., Fossi, M. C. (2022). Integrated biomarker responses in European seabass *Dicentrarchus labrax* (Linnaeus, 1758) chronically exposed to PVC microplastics. *Journal of Hazardous Materials*, 438, 129488.
- Sciutteri V., Pedà C., Longo F., Calogero R., Cangemi G., Pagano L., Battaglia P., Nannini M., Romeo T., Consoli P. (2023). Integrated approach for marine litter pollution assessment in the southern Tyrrhenian Sea: Information from bottom-trawl fishing and plastic ingestion in deep-sea fish. *Marine Pollution Bulletin*, 188, 114661.
- Battaglia P., Pedà C., Rizzo C., Stipa M. G., Arcadi E., Longo F., Ammendolia G., Cavallaro M., Rao I., Villari A., Calogero R., Consoli P., Sinopoli M., Andaloro F., Romeo T. (2023). How Rare Are Argonautoidea Octopuses in the Mediterranean? New Data from Stranding Events, Stomach Contents and Genetics. *Biology*, 12(3), 420.
- De Domenico F., Pedà C., Berti C., Consoli P., Longo F., Greco S., Romeo T. (2023). Reducing marine litter pollution from anchored fish aggregating devices: Sicilian good practices and the legislative paradox. *Marine Policy*, 154, 105695.
- Laface F., Pedà C., Giommi C., Scozzafava S., Rizzo C., Malara D., Greco S., Romeo T. (2023). A glimpse into the future: A suitable methodological approach for the detection and identification of micro-bioplastics in biota. *Science of The Total Environment*, 899, 165613.

Books

Pedà C., Battaglia P., Romeo T., Stipa M.G., Longo F., Malara D., Consoli P., Andaloro F. (2022)
Photographic atlas of cephalopod beaks from the Mediterranean Sea. pp. 120 ISBN 979-12-
5968-638-1.