

Francesca De Domenico



Born in Messina (Italy) on 23/04/1978

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Current Position: Research grant

Supervisor: Dr. Teresa Romeo

Appointed on project: P.O. FEAMP Campania 2014/2020

Affiliation:

Section IME, Stazione Zoologica Anton Dohrn, Sicily Marine Centre (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Messina	Master (Laurea)	1998-2003	Natural Science (Nature conservation)
University of Siena/University of Genoa	Ph.D.	2003-2006	Marine Ecology (Antarctic echinoderms)
Museo Nazionale dell'Antartide (University of Siena/University of Genoa)	Research grant	2004-2006	Antarctic Marine Ecology (Biology, taxonomy and ecology of benthic organisms)
Dept. of Animal Biology and Marine Ecology – University of Messina	Project Contract (Co.Co.Co.)	2006-2007	Fish and Benthic assemblages in coastal areas
Dept. of Animal Biology and Marine Ecology – University of Messina	Research fellow	2007-2008	Fish and Benthic assemblages in coastal areas

Dept. of Animal Biology and Marine Ecology – University of Messina	Collaboration to research activities (occasional provision)	2009	Fish and Benthic assemblages in coastal areas
Dept. of Animal Biology and Marine Ecology – University of Messina	External free collaboration in research activities	2010-2014	Biology and Ecology of benthic organisms (echinoderms and pennatulids).
Dept. of Animal Biology and Marine Ecology – University of Messina	Research grant	2014-2015	Fish and benthic fauna from Straits of Messina using Visual census
Dept. of Integrate Marine Ecology -Stazione Zoologica Anton Dohrn (Sicily Marine Center)	Research grant	2020 - today	Marine litter pollution in superficial seawater: characterization and polymers identification

Publications

Author of 10 publications on ISI-journals

List of publications of the last 10 years:

Journal Papers

De Domenico F., Mangano M.C., Porporato E., Spanò N. (2010). Young specimens of *Munida intermedia* (Decapoda, Anomura) living on *Antedon mediterranea* (Crinoidea, Echinodermata). *Crustaceana* 83(2):215-221. DOI:10.1163/001121609X12530988607597

Busalacchi B., Rinelli P., De Domenico F., Profeta A., Perdichizzi F., Bottari T. (2010). Analysis of demersal fish assemblages off the Southern Tyrrhenian Sea (central Mediterranean). *Hydrobiologia* 654(1): 111-124. DOI: 10.1007/s10750-010-0374-9

Porporato E., De Domenico F., Mangano M.C., Spanò N. (2011). *Macropodia longirostris* and *Latreillia elegans* (Decapoda, Brachyura) climbing on Mediterranean pennatulidae (Anthozoa, Octocorallia): a preliminary note. *Crustaceana* 84(14): 1777-1780. DOI:10.1163/156854011X612884

Porporato E., De Domenico F., Mangano M.C., Rinelli P., Spanò N. (2012). *Ebalia nux* (Decapoda, Brachyura) found among the leaves of *Pteroeides spinosum* (Anthozoa, Octocorallia). *Crustaceana* 85 (1): 125-128. DOI:10.1163/156854012X623539

Porporato E., Mangano M.C., De Domenico F., Giacobbe S., Spanò N. (2014). First observation of *Pteroeides spinosum* (Anthozoa: Octocorallia) fields in a Sicilian coastal zone (Central Mediterranean Sea). *Marine Biodiversity*, 44:589. doi.org/10.1007/s12526-014-0212-9

Bottari, T., Mancuso, M., Pedà, C., De Domenico, F., Laface, F., Schirinzi, G. F., ... & Romeo, T. (2021). Microplastics in the bogue, Boops boops: a snapshot of the past from the southern Tyrrhenian Sea. *Journal of Hazardous Materials*, 127669. doi.org/10.1016/j.jhazmat.2021.127669

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 (2022), 113185.
doi.org/10.1016/j.marpolbul.2021.113185