

Emanuela Buschi



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Ph. D. Affiliation:

SZN Supervisor: Sergio Stefanni

UNIVPM Supervisor: Antonio Dell'Anno

XXXII cycle of UNIVPM PhD program (Italian Universities PhD program)

Section BEOM, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Polytechnic University of Marche (UNIVPM), Ancona, Italy	Master Degree	2011-2013	Marine Biology
Department of Life and Environment Science (UNIVPM), Ancona, Italy	Scholarship	2014-2016	Marine Biology and Ecology
Department of Life and Environment Science (UNIVPM) and Stazione Zoologica Anton Dohrn (Napoli)	Ph.D.	2016- 2019	Marine Biology and Ecology

Appointments and awards

2014: Winner of Rotary Club Ancona Degree Award 2014 with the thesis titled "Relationship between trophic status of marine sediments and meiofaunal diversity along the Northern Adriatic coasts".

Supervisor: Prof. Antonio Pusceddu.

Publications

- Ravaglioli, C., Lardicci, C., Pusceddu, A., Arpe, E., Bianchelli, S., Buschi, E., Bulleri, F. **Ocean acidification alters meiobenthic assemblage composition and organic matter degradation rates in seagrass sediments.** *Limnology and Oceanography* 00 (2019) 1–14.
- Corinaldesi, C., Tangherlini, M., Rastelli E., Buschi, E., Lo Martire, M., Danovaro R., Dell'Anno, A. **High diversity of benthic bacterial and archaeal assemblages in deep-Mediterranean canyons and adjacent slopes.** *Progress in Oceanography* 171 (2019) 154–161.
- Bianchelli, S., Buschi, E., Danovaro, R., Pusceddu, A. **Nematode biodiversity and benthic trophic state are simple tools for the assessment of the environmental quality in coastal marine ecosystems.** *Ecological Indicators* 95 (2018) 270–287.
- Gribben P.E.; Thomas T.; Pusceddu A.; Bonechi L.; Bianchelli S.; Buschi E.; Nielsen S.; Ravaglioli C.; Bulleri F. **Below-ground processes control the success of an invasive seaweed.** *Journal of Ecology*. 2018. <https://doi.org/10.1111/1365-2745.12966>
- Bianchelli, S., Buschi, E., Pusceddu, A., Danovaro, R. **Biodiversity loss and turnover in alternative states in the Mediterranean Sea: a case study on meiofauna.** *Scientific Report* volume 6, Article number: 34544 (2016) doi:10.1038/srep34544
- Bianchelli, S., Pusceddu, A., Buschi, E., Danovaro, R. **Trophic status and meiofauna biodiversity in the Northern Adriatic Sea: insights for the assessment of good environmental status.** *Marine Environmental Research* 113 (2016) 18-30 doi:10.1016/j.marenvres.2015.10.010