

Matteo Nannini



Born in Pietrasanta (Italy) on 09/07/1986

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Current Position: Ph. D. student

Director of Studies: Dr Federica Ragazzola

Internal Supervisor(s): Dr Federica Ragazzola, Dr Irene Olivé Samarra, Dr Gabriele Procaccini (advisor)

External Supervisor: Dr Nadine Schubert

Program: Open University – Stazione Zoologica, XXIV cycle

Affiliation:

Section IME, Stazione Zoologica Anton Dohrn, Ischia Marine Centre, Punta San Pietro, 80077 Ischia, Naples, Italy

Education/Training/Experience

| Institute and Location | Degree / Function | Year | Field of Study |
|---|--------------------------|--------------|--|
| Department of Biology, Università di Pisa | Bachelor | 2006-2013 | Coralline algae ecology |
| Department of Biology, Università di Pisa | Master | 2013-2018 | Coralline algae ecology and Climate Change |
| Royal Society International Travel Awards, University of Portsmouth | Training | 2016-2018 | Coralline algae ecology and Climate Change |
| Stazione Zoologica Anton Dohrn, Napoli, (Ischia Marine Centre) | Fellowship | 2020-2021 | Marine invertebrate ecology and Climate Change |
| Stazione Zoologica Anton Dohrn, Napoli, (Sicily Marine Centre) | Fellowship | 2021-2022 | Study and monitor marine organisms associated with CO ₂ emissions |
| Stazione Zoologica Anton Dohrn, Napoli, (Ischia Marine Centre) | Ph.D. | 2022-ongoing | Coralline algae ecology, physiology and Climate Change |

Appointments and awards

2018: Best 'Speed talk' video category at “XII LTER Meeting and Congress” (28-30 May 2018, Bolzano, Italy). Title: Artificial algae to study climate change

Other matters relevant to scientific career

2021: Member of the Italian Society of Ecology (S.It.E)

2021: Member of the Italian Association of Scientific Underwater Operators (A.I.O.S.S.)

Publications

Author of 7 publications on ISI-journals

List of publications of the last 10 years

Journal Papers

Nannini M, De Marchi L, Lombardi C, Ragazzola F. (2015). Effects of thermal stress on the growth of an intertidal population of *Ellisolandia elongata* (Rhodophyta) from N-W Mediterranean Sea. *Marine Environmental Research*.
<http://dx.doi.org/10.1016/j.marenvres.2015.05.005>

Lucey NM, Lombardi C, Florio M, De Marchi L, **Nannini M**, Rundle S, Gambi MC, Calosi P. (2016). An *in situ* assessment of local adaptation in a calcifying polychaete from a shallow CO₂ vent system. *Evolutionary Applications*. doi:10.1111/eva.12400

Nannini M, Raiteri G, Ragazzola F, Bordone A, Pacella D, Claps G, Gabellieri G, Andreoli F, Cocito S, Lombardi C. (2017). Methodological approach to develop ‘mimics’ of coralline algae *Ellisolandia elongata* for climate change studies. 48° Congresso Società Italiana di Biologia Marina S.I.B.M. (Roma, 7-9 giugno 2017)

Gazzola F, Bottomley T, Florio M, Manauzzi MC, Marchini A, Murcia Diaz M, **Nannini M**, Pasculli L, Ragazzola F, Lombardi C. (2017). Vagile benthic macrofauna associated to a bioconstructional organism threatened by climate change: *Ellisolandia elongata* reef. 48° Congresso Società Italiana di Biologia Marina S.I.B.M. (Roma, 7-9 giugno 2017)

Pacella D, Claps G, Andreoli F, Gabellieri L, Romano A, Lombardi C, Raiteri G, **Nannini M**, Ragazzola F. (2017). Optimization of X-Ray microtomography to investigate samples of erect calcareous algae, a target for climate change studies. 3rd Conference on Tomography and Materials and Structures (Lund, Sweden, 26-30 giugno 2017)

Ragazzola F, Raiteri G, Fabbri P, Scafè M, Florio M, **Nannini M**, Lombardi C (2017). Structural integrity of *Ellisolandia elongata* reefs: A mechanical approach to compare tensile strengths in natural and controlled environments. *Marine Ecology*. doi:10.1111/maec.12455

Cantoni C, Luchetta A, Adani M, Bordone A, Cerrati G, Ciuffardi T, Cocito S, **Nannini M**, Marchini A, Montagna P, Raiteri G, Ragazzola F, Lombardi C. Interactions Between Ocean Acidification and Marine Heat Waves in a Coastal Biogenic Reef in the Mediterranean Sea. 27th IUGG General Assembly (Montréal, Canada, 8-18 luglio 2019)

Tamburini M, Ferrario J, Marchini A, Grioni A, Keppel E, Lombardi C, **Nannini M**, Repetto MF, Ruiz G, Occhipinti Ambrogi A, 2019. Monitoring non-indigenous species in port habitats: application of the ‘SERC protocol’ in the Gulf of La Spezia. *Biol. Mar. Mediterr.* 26, 125–126

- Marchini A, Ragazzola F, Vasapollo C, Castelli A, Cerrati G, Gazzola F, Jiang C, Langeneck J, Manauzzi MC, Musco L, **Nannini M**, Zekonyte J, Lombardi C, (2019). Intertidal Mediterranean coralline algae habitat is expecting a shift toward a reduced growth and a simplified associated fauna under Climate Change. *Frontiers in Marine Science*. doi:10.3389/fmars.2019.00106
- Ragazzola F, Kolzenburg R, Adani M, Bordone A, Cantoni C, Cerrati C, Ciuffardi C, Cocito S, Lucchetta A, Montagna P, **Nannini M**, Peirano A, Raiteri G, Lombardi C. (2021). Carbonate chemistry and temperature dynamics in an alga dominated habitat. *Regional Studies in Marine Science*
- Ragazzola F, Marchini A, Adani M, Bordone A, Castelli A, Cerrati G, Kolzenburg R, Langeneck L, di Marzo C, **Nannini M**, Raiteri G, Romanelli E, Santos M, Vasapollo C, Pipitone C, Lombardi C. (2021). An intertidal life: Combined effects of acidification and winter heatwaves on a coralline alga (*Ellisolandia elongata*) and its associated invertebrate community. *Marine Environmental Research*.
- Munari M, Chiarore A, Signorini SG, Cannavacciuolo A, **Nannini M**, Magni S, Binelli A, Gambi MC, Della Torre C. (2022). Surviving in a changing ocean. Tolerance to acidification might affect the susceptibility of polychaetes to chemical contamination. *Marine Pollution Bulletin*. <https://doi.org/10.1016/j.marpolbul.2022.113857>