



# Giada Tortorelli

Coral Ecology & Biology Lab  
Marine Science Group  
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## Education

- 2015-today     **Post Graduate Internship.** Coral Ecology & Biology Lab. Marine Science Group - Department of Evolutionary and Experimental Biology - Alma Mater Studiorum - University of Bologna (Italy).
- March 2015     **MSc. Master degree** in Biodiversity and Evolution - Alma Mater Studiorum - University of Bologna, Bologna (Italy).  
Title of thesis: “Variation of the reproductive output of the non-zooxanthellate coral *Caryophyllia inornata* along a temperature and irradiance latitudinal gradient”.  
Supervisor: Dr. Stefano Goffredo  
Vote degree 110/110 cum laude

- 2014            **Underwater Survey Laboratory, Scientific Diving** - Alma Mater Studiorum – University of Bologna, Bologna (Italy).
- March 2012    **BSc. Degree** in Biological Sciences - Alma Mater Studiorum - University of Bologna, Bologna (Italy).  
 Title of Thesis: "Urbanization impact of coastal areas: study of the intertidal zone of beaches".  
 Supervisor: Dr. Marina Antonia Colangelo  
 Vote degree 97/110
- 2011            **Marine biology laboratory.** Marine biology and fishing laboratory – Alma Mater Studiorum - University of Bologna, Fano (Italy).
- July 2008      **Scientific diploma** - Liceo Scientifico "Enrico Fermi", Policoro (Italy).

## Areas of scientific interests

Marine biology, developmental biology, environmental changes and their effects on development; reproductive biology; coral reef ecology; climate changes; ecology; population genetics; biology and ecology about Cnidaria.

## Accademic professional experience

- 2015-today    **Post Graduate Internship.** Coral Ecology & Biology Lab. Marine Science Group - Department of Evolutionary and Experimental Biology, Alma Mater Studiorum – University of Bologna (Italy).
- 2013-2015    **Internship and thesis** in Coral Warm project.
- 2014            **Underwater Survey Laboratory, Scientific Diving.** Samples collection of temperate solitary coral *Balanophyllia europaea*.
- 2011-2012    **Internship and thesis** in THESEUS project.

## Partecipation to research projects

- 2013-today    **Corals and Global Warming: the Mediterranean versus the Red Sea** (<http://www.coralwarm.eu/>), coordinated by Dott. Stefano Goffredo, Prof. Zvy Dubinsky and Prof. Giuseppe Falini, finanziato dall'European Research Council (FP7 – IDEAS programme), European Union.
- 2011-2012    **THESEUS: Innovative technologies for safer European coasts in a changing climate** (<http://www.theseusproject.eu/>), coordinated by Barbara Zanuttigh from University di Bologna, European Union; work carried out under "work package 3".

## Articles in peer review / impact factor journals

Marchini C, Airi V, Fontana R, **Tortorelli G**, Rocchi M, Falini G, Levy O, Dubinsky Z, Goffredo S (2015) Annual reproductive cycle and unusual embryogenesis of a temperate coral in the Mediterranean Sea. *PloS one* 10: e0141162.

## Languages

Mother tongue : Italian.

Other Languages : English: good reading, writing and speaking.  
Study abroad experience (University of St Andrews – Scotland's first university), certified.  
English suitability B1.

French: well reading, writing and speaking.

## Technical skills and competences

I have good knowledge of windows-based softwares, office package, Internet, softwares for data acquisition and image processing (Nikon NIS-Elements).

Good use of stereomicroscope, for meiofauna identification.

Good knowledge about analysis techniques of meiofauna sample.

Good knowledge about histological techniques.

Fairly good knowledge about informatic softwares like SPSS, R, Mr Bayes, Clustal X, Mega5.

## Other qualifications

2015 **Recreational Nitrox Diver.** Scuba nitrox safety international (SNSI)

2015 **Oxygen Supplier.** Scuba nitrox safety international (SNSI)

2015 **Rescue Diver.** Scuba nitrox safety international (SNSI)

2015 **Basic Life Support.** Scuba nitrox safety international (SNSI)

2014 **Advanced Open Water Diver.** Scuba nitrox safety international (SNSI)

2012 **Open Water Diver.** PADI

2008 **Driving License**

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

A handwritten signature in black ink on a light gray background. The signature reads "Paolo Boninelli" in a cursive script.