

# Mariachiara Chiantore

Associate professor

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## *Education and training*

1992

### **Degree in Biology**

110/110 with laude

University of Genova - Genova - IT

1996

### **PhD in Environmental Sciences (Sea Science)**

University of Genova - Genova - IT

## *Academic experience*

2014 - ONGOING

### **Associate Professor**

University of Genova - Genova - IT

2000 - 2014

### **Researcher**

University of Genova - Genova - IT

## *Work experience*

2000 - 2014

### **Researcher**

University of Genova - Genova - IT

2014 - ONGOING

### **Associate Professor**

University of Genova - Genova - IT

## *Language skills*

### **English**

Independent

## *Teaching activity*

Since 2000 I've been teaching at the Faculty of Mathematical, Physical and Natural Sciences of the Genoa University, for the bachelor degrees in

## Environmental and Biological Sciences.

- In 2000-2001, I collaborated to the course on Fundamentals of Analysis of Ecological Systems, Biology I, Conservation of Nature and its Resources.
- Since 2001-2002 I have co-taught the optional course on Antarctic Ecology (2 credits, 16 hours), for the bachelor degrees in Environmental Sciences.
- In 2002-2003 I have been co-teaching the fundamental course on Laboratory of Applied Ecology (4 credits, 32 hours), for the bachelor degree in Environmental Sciences.
- Since 2004-2005 to 2009-2010 I have been teaching the fundamental course on Numerical Ecology (4 credits, 32 hours), for the bachelor degree in Environmental Sciences.
- Since 2009-2010 to 2015-2016 I have been teaching the fundamental course on Quantitative Ecology (5 + 1 credits: 40 hours Teaching + 15 hours Data Analyses), for the bachelor degree in Environmental Sciences.
- Since 2011-2012 to 2017-2018 I have been teaching the fundamental course on Data Analyses Applied to Monitoring (2+1 credits: 16 hours Teaching + 15 hours Data Analyses), for the master degree in Biological Monitoring.
- Since 2016-2017 I am teaching the fundamental course on Ecology (6 credits, 48 hours), for the bachelor degree in Biology
- Since 2016-2017 I am teaching the fundamental course on Quantitative Ecology (5 + 1 credits: 40 hours Teaching +15 hours Data Analyses), for the master degree in Marine Biology and Ecology.
- Since 2019-2020 I am teaching the fundamental courses on Fundamentals of Ecology (6 credits, 48 hours) and Exercises in Ecology (3 credits, 24 hours) for the bachelor degree in Natural and Environmental Sciences.
- Since 2021-2022 I'm teaching the optional course on Introduction to Marine Biology and Ecology (4 credits, 32 hours), for the bachelor degree in Biology.
- Since 2021-2022 I'm co-teaching the optional course on Restoration Ecology (2 credits, 16 hours), for the master degree in Marine Biology and Ecology.

## ***Research interests***

- distribution, structure, biodiversity and functioning of coastal benthic communities
- benthic-pelagic coupling processes
- connectivity and resilience in benthic marine communities
- trophic and reproductive ecology of molluscs and echinoderms
- aquaculture and integrated multi trophic aquaculture, echinoculture
- ecology of benthic toxic microalgae, with particular reference to *Ostreopsis ovata*

- ocean acidification effects on shallow temperate reef communities
- ecological restoration

## **Grants**

2008 - 2011

### **ENRICH Enrichment of aquaculture systems by introduction of commercially underdeveloped marine species from different trophic levels**

EU FP7-BSG-SME-2007-1 GA 222492

Principal investigator

2008 - 2010

### **BIOCONNECTENCE Biodiversity and connectivity in the resilience in coastal marine communities**

EU FP7-Marie Curie International Incoming Fellowship GA 221065

Principal investigator

2012 - 2016

### **IDREEM Increasing Industrial Resource Efficiency in European Mariculture**

EU FP7-ENV.2012.6.3-1 GA 287844

Participant

2014 - 2015

### **RESURCH Research technological development to improve economic profitability and environmental Sustainability of sea Urchin farming**

EU FP7- SME-2013-1 GA 606042

Principal investigator

2014 - 2015

### **M3-HABs Risk Monitoring Modelling and Mitigation of Benthic Harmful Algal Blooms along Mediterranean coast**

EU ENPI-CBCMED Identification Number 37/2371

Principal investigator

2016 - 2022

### **RE.LIFE Re-establishment of the Ribbed Limpet (*Patella ferruginea*) in Ligurian MPAs by restocking and controlled reproduction**

EU LIFE15 NAT/IT/000771

Participant

2017 - 2021

**ROCPop-LIFE Promoting biodiversity enhancement by Restoration Of Cystoseira POPulations**

EU LIFE16 NAT/IT/000816

Participant

2021 - ONGOING

**LIFE PINNA Conservation and re-stocking of the Pinna nobilis in the western Mediterranean and Adriatic Sea**

EU LIFE20 NAT/IT/001122

Participant

2022 - ONGOING

**REEForest Restoration of Cystoseira macroalgal FORESTs to enhance biodiversity along Mediterranean rocky REEFs**

EU LIFE21 NAT/IT/101074309

Participant

2021 - ONGOING

**SEAWHEAT Tomorrow's 'Wheat of the Sea' Ulva a model for an innovative mariculture**

EU COST Action CA20106

Participant

2022 - ONGOING

**National Biodiversity Future Center (NBFC)**

MUR-National Recovery and Resilience Plan (NRRP) Mission 4 Component 2 Investment 1.4 (CN00000033) - IT

Participant

2022 - ONGOING

**OCEAN CITIZEN Marine forest coastal restoration an underwater gardening socio-ecological plan**

EU HORIZON-MISS-2021-OCEAN-02

Participant