

# Carlotta Santolini



## Curriculum Vitae

*Marine Biology from Italy. Experienced with Field works for monitoring species of Mediterranean Sea and with Environmental Educational and Citizen Science Programs. Good communication skills and great team member.*

## EDUCATION

- **Degree in Biology**, October 2018- Università Politecnica delle Marche, Italy
- **Graduated in Marine Biology**, with honors (110L), February 2021 – Università Politecnica delle Marche, Italy  
Thesis title: Growth and Regeneration of *Chondrosia reniformis* Nardo, 1847 in wild and experimental conditions
- Currently attending the National The Inter-university **PhD Course in Sustainable Development and Climate Change** established by the IUSS Pavia University of Applied Sciences, in partnership with the 30 Italian Universities involved

## WORK EXPERIENCE

Club Nautico Rimini, *Piazzale Boscovich 12.*

**Sailing Instructor** (2012-2017)

- Teaching sailing to children both theory and practice in the sea.

Club Nautico Rimini, *Piazzale Boscovich 12.*

**Motorboat Instructor** (2019-2020)

- Summer work with children

Costa Paradiso Diving Center, Trinità d'Agultu e Vignola, Sardegna

**Research Diver** (October 2019)

- Internship of Field Practice: monitoring and classification of benthic community with Reef Check protocols, monitoring and quantification of Alien Species in Mediterranean Sea, underwater cleanliness of the Pear and beaches.

Dive Planet Rimini, *viale Ortigara*

**PADI Scuba Diver Instructor** (Summer 2020)

- Teaching how to dive to people both theory and practice in the swimming pool and sea

Fondazione Cetacea, Onlus, Via Torino, 7/A, 47838 Riccione RN

### **MARLESS – MARine Litter cross-border awarenESS and innovation actions**

- Monitoring the presence of Marine Litter in the Adriatic Sea.
- Organization of activities with schools, collaboration with concessionaries of beaches during their daily cleaning.
- Collaboration with fishermen to use an experimental net specifically designed to collect debris from the entire water column for further analysis, without retaining the wildlife species.

### **LIFE Medturtles**

- Protection of nesting sites;
- reducing the impact of accidental fishing by raising awareness among fishermen, promoting sustainable fishing systems and removing ghost gear from the seabed;
- collect information on turtle populations in the Mediterranean and their movements;
- raise public awareness - through dedicated web and social media, educational kits, public events, lectures, citizen science apps;

### **Clean Sea Life**

- Clean Sea Life, supported by the LIFE program of the European Union, is a project with the aim of reducing the problem of marine litter.
- We focus on Fishing For Litter: the involvement of trawlers in cleaning the seabed

### **Soundscape**

- Monitoring in a systematic way through buoyaks equipped with hydrophones, underwater noise in the southern Adriatic both in the Italian and Croatian waters in order to measure and map the noise pollution caused by anthropic activities (platforms, nautical traffic, coastal tourism etc.)
- Evaluating The impact of it on marine species in order to develop a plan for a sustainable use of marine and coastal resources that does not damage the marine ecosystem

### **Sailing for Blue Life**

It is a project of Divulcation, Conservation and Environmental Education with activities of Citizen science. I represent the resident biologist on board and I coordinate all the scientific activities such as snorkeling and Scuba diving monitoring protocols linked to Climate changes - related Response in Med (Interreg MPA- Engage) , photo identification of cetaceans, the cleaning of the beaches and coastal habitats, LEK protocols with fishermen.

- <https://www.sailingforbluelife.org>

### **Blueat- Alien is Good Alien is Food**

I am the Marine Biologist and the Project Leader of the project "BLUEAT- Alien is Good Alien is Food" and my role is to coordinate the whole scientific activities such as the contact with the Universities and Research centers, the Divulcation of Scientific Data and involving people in our activities of Citizen science.

Blueat opens up new scenarios on the management and use of Alien Species which, due to the transformation of the marine environment, are and will be increasingly present in the Mediterranean. The Alien Species are endangering the survival of indigenous resources, and consequently the work of thousands of families who live thanks to small coastal fishing, traditional fishing as well as seaside tourism.

With the **innovative Blueat project**, we will be able to shift the attention of the fish market demand, from traditional target species, to *alien species*, with the aim of reducing the over-exploitation of native species.

The project was born with the aim of obtaining a beneficial result for the sea, for the ecosystem, for the indigenous fauna, for fishing and for seaside tourism, limiting the impact on the environment and on the socio-economic system that could be achieved if this "invasion" will not be controlled.

### **VOLUNTEER EXPERIENCE**

***Volunteer Karis Foundation Onlus, Via Brandolino, 13, 47921 Rimini RN (2010-2014)***

- Experience of volunteering with people in difficult conditions, helping children with their homework, organizing activities and fair trade initiatives

***Interact Club Rimini (2013- 2016)***

- Participation to charity activities, organization of charity parties in order to support associations and people that need fundings.

***Fondazione Cetacea Onlus***

- Release of recovered Sea Turtles after taking care and feeding them

### **LANGUAGES**

- English (First Certificate (FCE)
- Spanish (DELE, B2)

### **MEMBERSHIPS / AFFILIATIONS**

- Fondazione Cetacea Onlus,
- Club Nautico Rimini
- Reef Check of Mediterranean Sea
- MARISCADORAS srl Benefit

### **PERSONAL INTERESTS**

- Diving, videomaking, photography, Conservation and Monitoring of Coral Reef Ecosystem

### **LICENSES and CERTIFICATIONS**

- Driving License B
- Boat License within 12 miles
- ADI ( Aiuto Didattico Istruttore)
- PADI Open Water Instruct (OWSI)
- EFR Instructor
- PADI/DAN Basic Research Operator Instructor
- Action Cam Diving Licence
- ENAC APR License
- Scientific Diving Methodologies course

### **COMPUTER SKILLS**

- Good command of office suite
- Good command of photo and video editing software