

# Marco Magnani

Marine Biologist // Aquaculture Specialist

## Profile

Young and passionate professional with a bachelor's degree in Aquaculture and a Master's degree in marine biology. Enthusiastic about all that concern the aquatic environment, with great interest in sustainability and impacts inside the marine world.

## Employment History

### **Project development – Fishery and aquaculture expert at BMTI, Bologna**

*August 2021 — Present*

BMTI is the company of the Italian chamber system established by the Minister of Agricultural and Forestry Policies in 2006. BMTI deals with the regulation, development and transparency of fish, agro-energy, agro-food products market and the divulgation of prices and economic information. Inside the fishing sector different lines of action have been identified:

- Identification within the wholesale fish markets of supply chains that can be enhanced in their distinctive elements (eg: traceability, environmental sustainability)
- Experimentation of innovative commercial agreements through the involvement of the subjects of the supply chain (including: producers, wholesalers, fishmongers, local markets, small organized distribution, fishmongers and restaurants)
- Support for the qualification of sustainable production
- Development of priorities attributable to the European Maritime and Fisheries Fund (PO FEAMP 2014-2020 // 2021 - 2027)

### **Project relator – Adri.SmartFish (Interreg Italy-Croatia project) for Friuli Venezia Giulia region, Trieste**

*September 2021 – October 2021*

Adri.SmartFish goals is strengthen the Small-Scale Fishery (SSF) role in the North Adriatic Sea area (GSA 17) in the near future by fostering the potentials for innovation within the Blue Growth context, through the adoption of an ecosystem-based management approach.

- Create an organic body of knowledges about the State-of-the-art of the SSF sector in the area
- Promote sustainable innovation in the SSF industry and on the market
- Promote sustainable innovation in the SSF industry in management and policy-making
- Promote sustainable innovation in the small-scale fishery supply chain.
- Promote sustainable innovation in the small-scale fishery supply chain.

### **Quality Development at Fiorital S.P.A., Venezia**

*January 2020 — January 2021*

Fiorital S.P.A. is an italian fish company leader on the european market. Importing the best fish from all over the seas, exporting all over the world.

## Details

### Date / Place of birth

### Nationality

### Driving license

## Skills

Rescue Scuba Diver

Decision making

Written and verbal communication

Event planner

Office package

Social media manager

## Languages

Italian

◆◆◆◆◆◆◆◆

English

◆◆◆◆◆◆

## Hobbies

Traveling, Photography, Fitness and sports

## Links

[linkedin](#)

[instagram](#)

- Development and data analysis for the production of statistics on fish characteristics
- Software analysis of traceability and sustainability of products
- Analysis of product samples to check freshness parameters such as histamine or the presence of parasites
- Determination of annual standards, launch of quality improvement proposals and new reliability expectations for the finished product

### **Rescue deep diver / Marine biologist at ProDive, Villasimius (CA)**

*June 2019 — December 2019*

Marine biologist and Rescue deep diver of ProDive diving team.

- Advanced dives (from beginner level to technical support in wreck dives)
- Scientific marine biology support

### **Student Researcher at University of Aveiro - Biology department, Aveiro (Portugal)**

*March 2018 — December 2018*

Project designer and supervisor of an experiment that investigates the effects of nanoplastics and climate change on marine organisms (fish) and aquatic environment.

- Software analysis (Zebrafish, Excel)
- Behavioral study and sampling of fish
- Biomarker investigations and data processing

### **Fisheries Observer - SOLEMON expedition at National Research Center, Ancona (Italy)**

*December 2017*

- fish and benthos analysis
- stock assessment data recording

### **Aquarist at Aquarium "Le navi" , Cattolica (Italy)**

*June 2015 — December 2015*

- monitor and treat fish diseases
- ensure life support systems are functioning, such as pumps and filters
- monitor water quality
- observe for any anomalies in fish tanks
- feed and administer vitamins to sea life
- mentally stimulate some species with toys or challenges

### **Expedition member at Apex Shark Expeditions, Cape Town (South Africa)**

*September 2014*

Data collection on predatory behaviour of white shark in False Bay

- Observation of predatory behaviour
- Cage diving and photoidentification

Advancing knowledge in marine biology through classes taught by the professor Alessandro de Maddalena, one of the greatest experts in the world of sharks.

## Education

### **Master's degree in Marine Biology (110L/110), University of Bologna - Alma Mater Studiorum, Ravenna**

*October 2016 — Present*

Courses cover all areas of marine biology, including:

- Research the behaviour and relationships among organisms in the marine environment
- Use computer modelling to build predictive data for the marine ecosystem
- Ecotoxicology and marine biochemistry

### **Bachelor's degree in Aquaculture and hygiene of fish production, University of Bologna - Alma Mater Studiorum, Cesenatico**

*October 2012 — March 2016*

Developed multidisciplinary knowledge, for example:

- production systems used in aquaculture and mariculture, as well as the management of environmental compliance
- etiology, the principles of prevention and control of transmissible diseases of aquatic animals
- principles of legislation relating to aquaculture and animal health in aquaculture