

FABIO FAVORETTO

I am a marine ecologist with experience in remote sensing. I am interested in studying marine habitats and biodiversity to understand their patterns in space and time to aid conservation efforts.

Currently searching for a data science position that allows me to build remote sensing algorithms and ecological models with tools for visualization and interactivity that can be understood by a non technical audience

EDUCATION

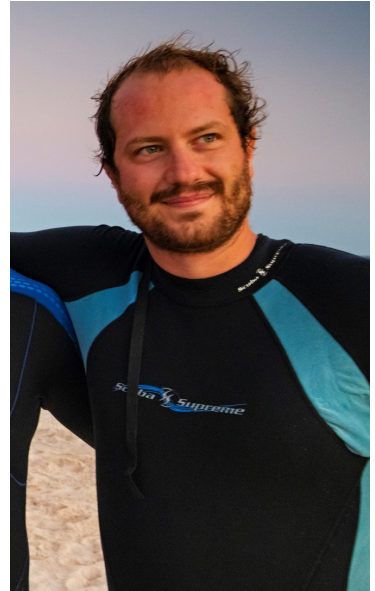
- today
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2016
- PhD. Candidate, Marine ecology**
Autonomous University of Baja California Sur
• Thesis: Remote Sensing Applications in Seascape Ecology
- La Paz, Mexico
- 2014
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2011
- Master degree in Marine biology**
University of Trieste
• Thesis: Plankton diversity and distribution patterns in the Ionian Sea
- Trieste, Italy
- 2011
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2009
- B.S. Environmental sciences**
University of Trieste
• Thesis: Water isotops compositions of the Gulf of Trieste
- Trieste, Italy

SELECTED POSITIONS

- 2019
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2018
- Independent contractor**
Scripps institution of Oceanography - Gulf of California Marine Program
• Database creation, data visualization, reporting. Independently constructed a socioecological model for world mangroves
- San Diego, USA
- 2016
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2015
- Research assistant**
Marine Botany Laboratory
• Handling and analysing taxonomic databases, field coordinator and data analysis
- Autonomous University of Baja California Sur, Mexico
- 2015
- Research assistant**
Macroalgae Ecophysiology Laboratory
• Analysing data from seaweeds and seagrasses to construct niche modelling and health indexes
- University of Trieste, Italy

SELECTED ARTICLES

- 2017
- Testing of the 4SM Method in the Gulf of California Suggests Field Data Are not Needed to Derive Satellite Bathymetry**
Sensors
• Authored with Morel, Y., Waddington, A., Lopez-Calderon, J., Cadena-Roa, M., & Blanco-Jarvio, A.
- 2017
- 4SM: A Novel Self-Calibrated Algebraic Ratio Method for Satellite-Derived Bathymetry and Water Column Correction**
Sensors
• Authored with Morel, Y.



CONTACT

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- github.com/fabbiologia
- [lab-site](#)
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CODING EXPERIENCE

R
Python
Javascript

OPEN SOURCE CONTRIBUTIONS

[shiny dashboard for the blue-paper 10](#)

Made w/ [pagedown](#).
Source code:
github.com/fabbiologia/cv.
Last updated on 2019-10-15.