

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

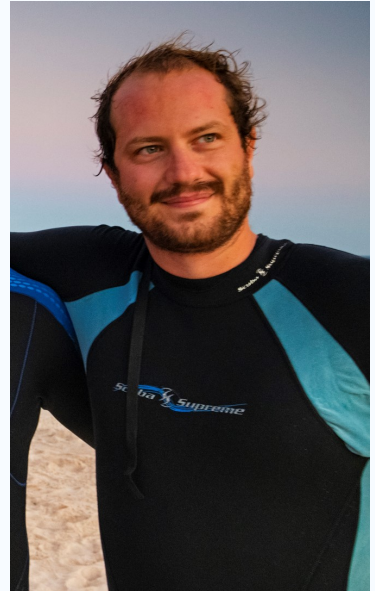
- 2020**
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2016
• **PhD, Marine ecology**
Autonomous University of Baja California Sur
• Thesis: Remote Sensing Applications in Seascape Ecology
📍 La Paz, Mexico
- 2014**
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2011
• **Master degree in 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 isotopes 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

- 2020**
• **Critical Habitats and Biodiversity: Inventory, Thresholds and Governance**
• Authored with Alex D. Rogers, Octavio Aburto-Oropeza et al.,
- 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.



CONTACT

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🐦 [FabioFavoretto](#)
🌐 github.com/fabbiologia
🔗 [lab-site](#)
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CODING EXPERIENCE

R
Python
Javascript

OPEN SOURCE CONTRIBUTIONS

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

2017

4SM: A Novel Self-Calibrated Algebraic Ratio Method for Satellite-Derived Bathymetry and Water Column Correction

Sensors

· Authored with Morel, Y.