UNIVERSITÀ
POLITECNICA
DELLE MARCHE

Supervisor: Prof. Emanuela Fanelli

Dept. of Life and Environmental Sciences

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Activities

My main research field is marine ecology with a focus on i. deep-sea ecosystems (biodiversity and ecosystem functioning, especially food webs) and ii. elasmobranchs. These two topics are linked by conservation goals.

I'm the coordinator of the EU-cofunded LIFE PROMETHEUS project (www.life-prometheus.eu), aimed at improving the health status of threatened elamosbranchs in the Mediterranen Sea, and WP leader of the EU-cofunded LIFE DREAM project (www.life-dream.eu), focused on the restoration of deep reefs and marine litter removal. I'm also responsible of the local unit of the National-funded PRIN PROSHARKS.

SUN RISE
SMALLER (STRATEGIC) UNIVERSITIES NETWORK FOR REGIONAL INNOVATIVE AND SUSTAINABLE EVOLUTION

HR EXCELLENCE IN RESEARCH

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Description

PhD in Ecology and Management of Biological Resources, Associate Professor of Ecology, teaching Fishery Biology and Quantitative Methods in Marine Science
Former President of the MSc in Marine Biology
Former responsible of the Lab. of Marine Biology and Ecology
Former alternate representant for the Chamber of Deputies at the Assembly of the Italian Commission of UNESCO
Member of the GFCM WGs Vulnerable species and on Vulnerable Marine Ecosystems and Essential Fish Habitats
She acted as chairs in several congresses and as invited speaker in 7 congresses/symposia
She mentored 33 BSc, 52 MSc, 5 PhD students, 2 postdoc
H-Index 45, ORCID profile 0000-0002-5358-5159

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Staff, equipment and laboratories

The Mobile Marine Fauna and Conservation Group (MoMaC) is composed by Prof. Fanelli, Prof. Silvia Bianchelli, Posdoc Dr. Zaira da Ros, 2 PhD students, 2 fellowships.

Our laboratory hosts :

- MicroMill2, a microsampling device designed for high resolution milling to recover sample powder for chemical and isotopic analysis;
- Stereoscope for taxonomic identification connected with a HD camera
- High-precision balance (10^{-5}g)
- Oven

We offer equipment and expertise for community and trophic ecology studies

DISVA has several facilities for all kinds of analysis and experiments (in lab - aquaria infrastructure - and in the field-two small vessels)

MoMaC Mobile Marine fauna and Conservation

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