Collegio dei Docenti del corso di dottorato in

Earth and Marine Science (EMAS)

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- Curriculum

  After the graduation in Marine Sciences in the University of Cádiz, I get the Master degree in Integrated Coastal Zone Management (University of Cantabria) and the Master degree in Integrated Water Management (University of Cadiz). Later, through a FPI scholarship in the ARQUEOMONITOR project I reach the PhD in Sciences. The PhD thesis investigates the relationship of the environmental marine condition and underwater cultural heritage from an interdisciplinary perspective, but with special dedication to the application of numerical modelling to evaluate the physical impact of waves and current. During this period, I spend almost one year in visit research in institutions). As postdoctoral researcher, I had a two years contract in the Earth and Physics department of the University of Ferrara, Italy. In this period I have participated in European project in relation to the Coastal Hazards RISC-KIT (Contract nº 604358) y ANYWHERE (Contract nº DRS-01-01-2015). In that period I did a visit research of one year in the Joint Research Centre (JRC) (Italia) in the Risk and Disaster Units. From 2018 onwards I teach in the department of Earth Sciences in the Faculty of Marine and Environmental Sciences where I am Senior Lecturer from Dec 2025. I have more than 14 year of experience studying coastal process combining data field acquisition and numerical modelling. Currently, I am the project coordinator of a research project (National funded) VOLICHE to study the impact of Climate Change in the underwater and littoral Cultural heritage. I have participated in 13 research project (three of them EU funded) and he has authored more than 20 research Papers in indexed journals in JCR.

- Research interests

  Coastal Dynamics, Coastal Oceanography, Coastal Hazard, Numerical Modelling, Coastal Monitoring, Underwater and Coastal Cultural Heritage, Climate Change, Nature based solution

- Main publications

  https://produccioncientifica.uca.es/indicadores/citas?persona=112504