

Workshop de Verão do MARE NOVA MARE NOVA Summer Workshop

Comunidades resilientes para um futuro sustentável: agir face à crise climática Resilient communities for a sustainable future: taking action on the climate crisis

Disaster Risk Reduction through Ecosystem Re-engineering for Coastal Protection

Cost-Benefit Analysis of NbS & Risk Reduction Modelling

Borja Reguero

Associate Professor @ Center for Coastal Climate Resilience - Institute of Marine Sciences - Dep. of Ocean Sciences, University of California at Santa Cruz, USA

PhD in coastal and marine engineering. His current areas of interest include disaster risk reduction and coastal risk management, the re-engineering of ecosystems to enhance natural coastal protection, and the economic dimensions of climate adaptation, particularly in relation to the valuation of ecosystem services and the nature-based economy. He has consulted for several international organizations, including the Inter-American Development Bank and the World Bank, where his work has informed policy through science and applied knowledge.



David Gutierrez Barcelo

Senior Researcher @ Center for Coastal Climate Resilience
University of California at Santa Cruz, USA

David has worked across academia and the private sector, leading a coastal engineering consultancy for 13 years. Since Since 2005, he has been active as a coastal modeller, with a strong interest in scientific and engineering software development. His current focus is on improving probabilistic assessments of coastal risks—such as flooding and erosion—and evaluating the effectiveness of nature-based engineering solutions. His expertise includes coastal modelling, method development, and the integration of nature-based solutions (NBS) into engineering practice.

RASMUS AMIGO



Caparica Campus, 25 June 2025, 10:00 AM – 5:00 PM Room 105 of the Departmental Building



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Programme

WORKSHOP PART 1

10:00 | Presentations

Borja Reguero and David Gutierrez Barcelo

12:00 | Q&A Session

Part 1 of the workshop can be followed remotely via the link: https://videoconf-colibri.zoom.us/j/82534542906

12:00 - 14:00 | Lunch Break

WORKSHOP PART 2

14:00 | Participatory Workshop

Practical Group Exercises in the Costa da Caparica Area

16:00 | Closing Session

Note: Part 2 of the workshop is in-person only.

Register here: https://forms.gle/sekjRnQ267YpTDcd7



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