

SEMINAR

“Economics of climate adaptation”

held by Prof. Dr. David N. Bresch

December 5th, 2024
11:30am – 1pm

UNIPD - *Water and Geological Risk Engineering* seat
Via Badaloni 2 – 2° Floor – Room 1 & Online*

Improving societal resilience to climate change and volatile weather is increasingly urgent. Despite extensive knowledge of climate processes, large-scale precautionary measures remain scarce.

The Economics of Climate Adaptation (ECA) methodology provides a framework to assess climate risks and identify cost-effective actions for minimizing impacts. By combining hazard mapping, asset exposure, probabilistic risk modeling, and cost-benefit analysis, ECA supports informed decision-making across diverse scenarios. Central to ECA is CLIMADA, an open-source platform enabling global, high-resolution, multi-hazard risk modeling for applications from localized warnings to global physical risk assessments aligned with frameworks like TCFD. This integrated approach links adaptation strategies with sustainable economic growth, supported by case studies that illustrate its application across the globe.

*Zoom Link: <https://unipd.zoom.us/j/86739708264>

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