



# Workshop

## “Mapping Environmental Vulnerabilities: Data, Space, and Risk”

Call for papers

Department of Economics, University of Roma Tre

September 24<sup>th</sup>, 2025

We are pleased to invite submissions to the first workshop on “**Data, Space, and Risk: Mapping Environmental Vulnerabilities**” which will be held at the Department of Economics, Roma Tre University, on **September 24<sup>th</sup>, 2025**.

This workshop is organized within the research project **ERICE “Environmental Risks mapping for the Italian Circular Economy”** (CUP: D13C22002160001), funded under the broader framework of GRINS “Growing Resilient, Inclusive and Sustainable”, Spoke 5 “Innovazioni: ecosistemi per le economie circolari”.

This event offers an opportunity for scholars and researchers to engage in a rich dialogue on **environmental risk exposure**, and to explore how economic, social, and ecological systems can better prepare for, absorb, and recover from environmental shocks.

The workshop will address a wide range of risks and crises affecting individuals, firms, and territories, including economic and financial shocks, spread of deadly contagious diseases (such as COVID-19), global warming, climate-related disasters and extreme weather events.

We particularly welcome research that investigates the **entire risk management cycle**, from the understanding and mapping of risks, through prevention and insurance mechanisms (e.g., diversification of risk across time and states of nature sharing resources among individuals and reducing probability and size of losses), to strategies for to **enhance resilience** and **mitigate the impacts** of environmental risks.

A strong emphasis is placed on **geo-localized and data-driven approaches**, with a focus on **fine-grained spatial analysis** of exposure and vulnerability.



### Topics of interest include, but are not limited to:

- Tools and methods for environmental risk assessment and early warning systems
- Geo-spatial and data-driven approaches to mapping risk exposure and vulnerability
- Soft-linking models with spatial data for enhanced risk analysis
- Governance and policy design for climate adaptation and disaster risk reduction
- Integration of environmental risk mapping into circular economy and territorial planning
- Socioeconomic impacts of natural hazards and recovery strategies
- Institutional challenges in disaster preparedness, response, and coordination

### Submission Guidelines

Please submit an **extended abstract** (500-1000 words) in PDF format at the [following link](#). The document, including title, author(s), affiliation, contact information, and keywords, should describe the research questions, methodology, data, and main (or anticipated) results. The advancement stage of the research is not a constraint, as long as these elements are well outlined.

**Early career researchers and PhD students are especially encouraged to apply.**

### Important dates and venue

**Submission deadline:** 20\07\2025

**Notification of acceptance:** 30\07\2025

**Provisional program release:** 01\09\2025

The workshop will take place at the Department of Economics, University of Roma Tre. Participation is free of charge. Accommodation and travel must be self-organised and funded.

For further information and updates, visit our [website](#) or **email** us at [erice.project@gmail.com](mailto:erice.project@gmail.com).

If you wish to receive updates about the workshop and related initiatives, please fill out this [form](#) to join our **mailing list**.

**Organising committee:** Francesco Calciolari, Valeria Costantini, Mariagrazia D'Angeli, Elina De Simone, Martina Farinella, Giacomo Gazzellone, Edoardo Iannetti, Martina Mancini, Elena Paglialunga, Eleonora Pierucci.