



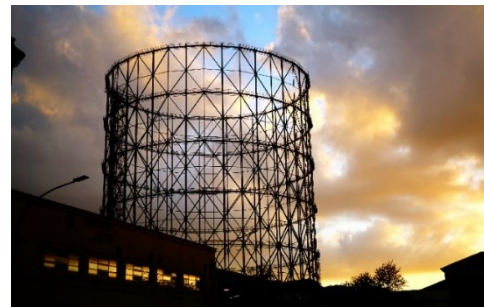
## 8th IAERE Summer School

Natural hazards, human disasters: economics and policy of extreme events  
Rome 23-27 September 2024

The Department of Economics of the University of Roma Tre and the Italian Association of Environmental and Resource Economists (IAERE) are delighted to announce the 8<sup>th</sup> edition of the IAERE School on **"Natural hazards, human disasters: economics and policy of extreme events"**.

The School will be held on 23-27 September 2024 at the Department of Economics, University of Roma Tre. The programme of the School will consist of five days of teaching by prominent academics. A roundtable with policymakers is scheduled on Friday morning.

The School will also offer the opportunity to students to present a research proposal. The best proposal will be awarded with the **IAERE Visiting PhD scholarship**.



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PRIN 2022 **APPLICATE** - Assessing Public Policy effectiveness in minimising Local Impacts with Climate-related AdapTation Expenditures

## **AIM**

In recent years, climate-related extreme events such as hurricanes, floods, and droughts have become increasingly frequent, necessitating timely and effective responses. Despite advancements in early warning systems, adaptation strategies, and post-disaster recovery measures, these extreme events have inflicted devastating impacts on societies, resulting in significant casualties, material deprivation, loss of productivity, and altered power dynamics.

The vulnerability to climate hazards is often exacerbated by weak recovery strategies and inadequate responses, which impede resilience and adaptation processes in turbulent environments. Examples include insufficient prevention measures, responses lacking coordination among various levels and stakeholders, opacity in resource allocation procedures, and a lack of accountability and civic engagement.

A comprehensive theoretical and empirical analysis of this issue is therefore essential to assist policymakers and practitioners in enhancing scholars' understanding while supporting public administration preparedness to cope with such unpredictable events.

The aim of the Summer School is to explore the economic analysis of risk assessment and warning systems, discuss planning and recovery strategies to mitigate, prepare for, and respond to natural hazards, and provide an in-depth inquiry into successful adaptation strategies for reducing the negative impacts of climate-related extreme events.

## **FACULTY**

Stefano Clò (University of Firenze)

Loureiro Garcia Maria Luz (University of Santiago de Compostela)

Giovanni Marin (University of Urbino 'Carlo Bo')

Marco Modica (Gran Sasso Science Institute)

Ilan Noy (Gran Sasso Science Institute)

Mariagrazia D'Angeli (University of Roma Tre)

Elisa Palagi (Sant'Anna School of Advanced Studies)

## DETAILED PROGRAMME

### Day 1 – Monday 23/09/2024

- 14.00-14.30 Registration
- 14:30-14:45 Welcome address by School coordinator
- 15:00-16:30 MODULE 1  
**Prof. GIOVANNI MARIN** - “Direct and indirect socio-economic consequences of disasters”

### Day 2 – Tuesday 24/09/2024

- 9:30-11:00 MODULE 2  
**Prof. MARCO MODICA** - “Natural risks and the economy”
- 11:00-11:30 *Coffee break*
- 11:30-13:00 MODULE 3  
**Prof.ssa Loureiro Garcia Maria Luz** - TBC
- 13:00-14:00 *Light lunch*
- 14:00-15:30 LAB 1  
**Dott.ssa ELISA PALAGI** - “Climate change and income inequality: historical impacts and projected scenarios”

### Day 3 – Wednesday 25/09/2024

- 9:30-11:00 MODULE 4  
**Prof. STEFANO CLÒ** - “Muti-dimensional impact of multiple hydrogeological events”
- 11:00-11:30 *Coffee break*
- 11:30-13:00 LAB 2  
**Dott.ssa MARIAGRAZIA D’ANGELI** - “Assessing the impacts of armed conflict and climate-related disasters on vulnerability: a Machine Learning approach”
- 13:00-14:00 *Light lunch*
- 14:00-16:30 Students presentation

### Day 4 – Thursday 26/09/2024

- 9:30-11:00 MODULE 5  
**Prof. ILAN NOY** - “Public and private insurance for natural hazards and weather risks”
- 11:00-11:30 *Coffee break*
- 11:30-13:00 MODULE 6  
**Prof. ILAN NOY** - “Data for economic research on disasters and climate change”
- 13:00-14:00 *Light lunch*
- 14:00-16:30 Students presentation (Visiting Scholarship)

## **Day 5 –Friday 27/09/2024**

10:00-12:30 Roundtable

Introduction: Prof.ssa Elena Paglialunga

Invited speakers:

Dott. Michele Gallo (Croce Rossa Italiana);

Dott.ssa Ramona Magno (Institute of BioEconomy - National Research Council)

Prof. Ilan Noy (Gran Sasso Science Institute);

Dott.ssa Eleonora Panunzi (Presidenza del Consiglio dei Ministri, Dipartimento della Protezione Civile)

Dott.ssa Donatella Vignani (ISTAT)

Dott. Edoardo Zanchini (Roma Capitale);

Coordinated by: Prof. Alessio D'Amato (Tor Vergata).

## **PRACTICAL INFORMATION**

### ***School Venue***

Scuola di Economia e Studi Aziendali, University of Roma Tre.

[Via Silvio D'Amico 77, 00145, Rome](#)

## **CONTACTS**

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Valeria Costantini: [valeria.costantini@uniroma3.it](mailto:valeria.costantini@uniroma3.it)