

INVITATION



Natural Disasters and Safety of Civil Infrastructure

Thursday, February 8, 08:30-14:30
Frederick University, Nicosia



INVITATION

You are cordially invited to the scientific Conference

Natural Disasters and Safety of Civil Infrastructure

Thursday, February 8, 2024

08:30-14:30

Frederick University, Nicosia

(Y. Frederickou 7, 1036, Nicosia)

To register, by February 2nd, click **here**

For more information: tel.: 22394464 (Ms. Natasa Manthou)

The Conference is organized by Frederick Research Center (FRC) as part of the ISTOS project. The Conference will address the project's main objective to look into the structural safety and resilience of buildings and infrastructure when facing natural hazards like earthquakes, floods, and forest fires.

Presentations will focus on Natural Disasters and Civil Infrastructure Safety, including the effects of climate change on natural disasters. Insights and best practices from countries such as Cyprus, Italy, and Greece will be shared. Additionally, the Conference will shed light on the joint effort to set up a Research Center of Excellence in Cyprus, focusing on disaster risk reduction and management of natural hazards.

The ISTOS project is an initiative by four European Universities; Frederick Research Center (FRC) and the Cyprus University of Technology (CUT) in Cyprus, Aristotle University of Thessaloniki (AUTH) and its Research Unit of Soil Dynamics and Geotechnical Earthquake Engineering – SDGEE in Greece and the University of Naples Federico II (UNINA) via its PLINIVS Study Centre PLINIVS-LUPT, in Italy. It was initiated in November 2020, funded by the European Union's Horizon 2020 Research and Innovation programme (H2020-WIDESPREAD-2018-2020).

AGENDA

08:30-09:00 **Registration**

09:00-09:15 **Welcome**

09:15-09:45 **Project ISTOS Overview and main outcomes**
Petros Christou, Project Coordinator, Frederick Research Center (FRC)

09:45-10:25 **Latest advances in seismic hazard and risk assessment for urban environment and critical infrastructures**
Kyriazis Pitilakis & Evi Riga, Soil Dynamics Geotechnical Earthquake Engineering Research Unit, Aristotle University of Thessaloniki

10:25-11:05 **Crisis at Campi Flegrei Caldera: Risk assessment activities in the emergency planning and management**
Giulio Zuccaro, Scientific Responsible of the PLINIVS Study Centre, University of Naples Federico II

11:05-11:45 **The role of the Centres of Competence in the Italian Civil Protection System**
Mauro Dolce, President of Centre of Competence ReLuis

11:45-12:15 **Coffee Break**

12:15-12:55 **Procedures and methodologies for the management of natural disasters in Cyprus**
Kyriacos Kouros, Director of the Technical Services, Ministry of Interior, Republic of Cyprus

12:55-13:35 **Natural Disaster Management in a time of evolving climate crisis**
Efthymios Lekkas, Professor of Dynamic, Tectonic and Applied Geology & of Natural Disaster Management, University of Athens

13:35-14:15 **Climate Resilience: Integrating mitigation, adaptation and sustainable development pathways**
Mattia Federico Leone, PLINIVS Study Centre, University of Naples Federico II

14:15-14:30 **Closing Remarks**

14:30 **Light lunch**