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ISTOS

PROJECT

The last months have been particularly productive for the ISTOS project. At the end of September the first summer school was successfully completed. All participants had the opportunity to learn from the experts in the sector on topics related to the project. At the same time, an on-site inspection in different areas of Limassol was carried out in the form of a workshop. In the following months, the partners worked together to write papers which is in the process of being published. Another, happy news for ISTOS is the new updated and modern website which will host the project from now on.

SUMMER SCHOOL

The summer school of ISTOS project was held in Limassol from Monday 26th of September 2022 to Friday 30th of September 2022. Students, researchers, professors, and members of Limassol municipality attended this summer school.

The aspects covered in the summer school were: vulnerability of structures, Risk assessment of the buildings, Identification of buildings and development of an exposure map and survey activities.

This summer school offered to participants theoretical and operative lessons regarding the Risk assessment of the buildings. A survey activity was conducted by collecting data in a specific area in Limassol. The ISTOS form and the application were used to collect the information for the purpose of this study. The results obtained from this survey were analysed and the participants presented their outcomes. Also, onsite visit (field trip) was held in the historical centre in Limassol and in the Limassol Municipality and the department of Town planning and housing. This brings forth the basic ideas of the Risk Assessment, the expected results of a seismic risk survey, and the specific actions related to them.

Within this summer school management meetings were held regarding the project vision, objectives, and outcomes. At the end of the summer school, a webinar was held (<https://youtu.be/9bY3j8eaUkQ>) aiming to summarize the activities of the summer school, and to assess whether the objectives of this summer school were achieved.



NIGHTLIFE

Dinner at Dionysus Mansion, Limassol

The partners of the project and the participants of this summer school have the opportunity to get to know each other better on a personal level and to enjoy Cypriot traditional food.



ISTOS

CENTRE FOR NATURAL
HAZARD MANAGEMENT



ABOUT US

ISTOS project

Natural hazards are extreme events that can cause loss of life and damage to property. Some of these hazards, such as flooding, can happen anywhere while others such as earthquakes, can be site-specific. In most cases, hazards disrupt human activities leading to times of unrest and emergency. The communities which are vulnerable to such hazards are at greater risk to experience human, economic, social, and environmental losses. The ISTOS project aims to strengthen the scientific excellence and innovation capacity of the network partners in the area of the structural safety of buildings and infrastructure, disaster risk reduction (e.g. earthquakes, floods, medicines), and post-disaster management.

Concept of ISTOS

Within the scope of the project, ISTOS will seek to bring together the excellence of the network partners to develop a dynamic, multi-disciplinary and challenging environment for research and innovation to raise the level and ambition of the research activities in Cyprus. To achieve innovative research while maintaining the sustainability of ISTOS, the implementation of the project will concentrate on three vertical priorities:

1. Structural safety of buildings and infrastructure,
2. Disaster risk reduction,
3. Post-disaster management;

which will be crossed by five horizontal priorities:

1. Training and knowledge transfer,
2. Communication and networking,
3. ESR integration and development,
4. Dissemination and exploitation,
5. Project management.



Partners

ISTOS blends the excellence of two partners from Cyprus: the Frederick Research Center (FRC) and the Cyprus University of Technology (CUT) with two internationally leading research institutions: the Unit of Soil Dynamics and Geotechnical Earthquake Engineering established at the Aristotle University in Thessaloniki (AUTH) of Greece and the PLINIVS Study Centre established at the University of Naples Federico II (UNINA) of Italy.

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|---------------|
| Organizations |
| People |

WEBSITE

The project website which has been designed for the dissemination of the project has been updated having a more friendly and modern design. The updated website will contain available information regarding the project such as project objectives and outline, summer school activities, press releases, information on forthcoming events, etc.

The updated project website will be available: <http://istoscenter.eu/>

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