

# ERES 2025

**WIT**  
CONFERENCES  
Call for Papers



## 14<sup>th</sup> International Conference on Earthquake Resistant Engineering Structures

**11–13 June 2025 | Edinburgh, UK**

**Organised by**  
Wessex Institute, UK

**Sponsored by**  
WIT Transactions on the Built Environment



[www.witconferences.com/eres2025](http://www.witconferences.com/eres2025)

**ERES 2025 is the 14th international conference in the series on Earthquake Resistant Engineering Structures organised by the Wessex Institute. The meeting provides a unique forum for the discussion of basic and applied research in the various fields of earthquake engineering relevant to the design of structures.**

Major earthquakes and associated effects such as tsunamis continue to stress the need to carry out more research on those topics. The problems will intensify as population pressure results in buildings in regions of high seismic vulnerability. A better understanding of these phenomena is required to design earthquake resistant structures and to carry out risk assessments and vulnerability studies.

The meeting provides a unique forum for the discussion of basic and applied research in the various fields of earthquake engineering relevant to the design of structures.

The problem of protecting the built environment in earthquake-prone regions involves not only the optimal design and construction of new facilities but also the

upgrading and rehabilitation of existing structures including heritage buildings. The type of highly specialized retrofitting employed to protect the built heritage is an important area of research.

This conference will address these problems continuing to expand on the development of previous meetings in the series.

The conference began in Thessaloniki, Greece in 1997, followed by Catania, Italy (1999); Malaga, Spain (2001); Ancona, Italy (2003); Skiathos, Greece (2005); Bologna, Italy (2007), Cyprus (2009), Tuscany, Italy (2011), A Coruña, Spain (2013), Opatija, Croatia (2015), Alicante, Spain (2017) and Seville, Spain (2019). The 13th event was organised online in 2021 due to the Covid-19 pandemic.

## Conference Chair

**Stavros Syngellakis**

Academic Director, Wessex Institute, UK

## International Scientific Advisory Committee

**Sudha Arlikatti**

Rabdan Academy, UNITED ARAB EMIRATES

**Francisco Javier Baeza**

University of Alicante, SPAIN

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RCQ Structural Engineering, CHILE

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**Maria Cristina Porcu**

University of Cagliari, ITALY

**Ivan Roselli**

ENEA Research Centre, ITALY

**Humberto Varum**

University of Porto, PORTUGAL

## Benefits of Attending

### USB Drive

Delegates will receive a USB drive at the conference containing the presented papers.

### Publication

Papers presented at ERES 2025 are to be published in a volume of WIT Transactions on the Built Environment (ISSN 1743-3509). The publication will be available in both electronic and hard copy.

### Indexing

The WIT Transactions are DOI registered with CrossRef and are currently listed in indexing services such as Scopus and Google Scholar, as well as being submitted to the Web of Science. All conference books are listed in the British Library and American Library of Congress.

### Open Access and Digital Archive

All conference papers are archived permanently on our electronic library where they can be downloaded for free, ([www.witpress.com/elibrary](http://www.witpress.com/elibrary)).

### Peer Review

To ensure the quality of our publications, abstracts and papers are double peer-reviewed by members of the International Scientific Advisory Committee and other experts, with manuscripts processed through CrossRef Similarity Check to screen for plagiarism.

### Reduced Fee for PhD Students

The Wessex Institute believes in the importance of encouraging PhD students to present and publish innovative research at its conferences. As a result, the Institute offers PhD students a much-reduced conference fee.

### Networking

Participants can present their research and interact with experts from around the world, as part of a unique community.

## Conference Topics

The following list covers some of the topics to be presented at the conference. Papers on other subjects related to the objectives of the meeting are also welcome.

### Earthquake prediction

### Monitoring and early warning systems

### Seismic hazard and tsunamis

### Earthquakes and landslides

### Liquefaction

### Building performance during earthquakes

### Dynamic analysis

### Numerical analysis

### Experimental investigations

### Heritage structures

### Seismic isolation and energy dissipation

### Passive protection systems

### Paraseismic devices

### Performance-based design

### Innovative technologies

### Lifelines and resilience

### Vulnerability

### Forensic engineering

### Safety engineering

### Case studies



## Location

Edinburgh, the capital of Scotland, is a beautiful blend of rich history and modern charm. This city offers an opportunity to explore narrow cobblestone streets and old stone buildings. The magnificent Edinburgh Castle, built on an ancient volcanic hill, stands at the heart of it all. Princes Street and the beautiful Princes Street Gardens are worth visiting. From here, visitors can capture the stunning views of the castle. The famous Royal Mile, a historic thoroughfare with hidden alleys, is a must-see.

Edinburgh offers a wealth of cultural treasures and visitors can discover and explore unique museums and galleries like such as the National Museum of Scotland, the National Gallery of Scotland and The Writers' Museum.

## Venue

The Apex Grassmarket Hotel, nestled in Edinburgh's historic Old Town, offers a unique blend of charm and convenience. Situated in the heart of the Grassmarket, this 4-star luxury hotel provides stunning views of Edinburgh Castle. Guests can enjoy dining at the restaurant, Metro, and unwind in the hotel's pool. Whether you're exploring the cobbled streets or capturing memories, the Grassmarket Hotel promises an unforgettable stay in the heart of Edinburgh.

## Submission Information

**Abstracts of no more than 300 words should be submitted as soon as possible.**

Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. Final acceptance will be based on the full-length paper which, if accepted for publication, must be presented at the conference.

The language of the conference will be English.

### Online submission:

[www.witconferences.com/eres2025](http://www.witconferences.com/eres2025)

### Conference coordinator

Marta Graczyk

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For more information visit: [www.witconferences.com/eres2025](http://www.witconferences.com/eres2025)