

3<sup>rd</sup> Greece – Japan Workshop:

**SEISMIC  
Design, Observation, and Retrofit  
of FOUNDATIONS**

**With Special Issue on  
Protection of Cultural Heritages**



**September 22–23, 2009  
Santorini Island, Greece**

*"Petros Nomikos"* Conference Center

Organized by the:

Hellenic Society for Earthquake Engineering  
and Laboratory of Soil Mechanics of NTUA with the

Earthquake Engineering Committee of the  
Japanese Society of Civil Engineers



**Scientific & Organizing Committee**

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G. Athanasopoulos  
N. Gerolymos  
I. Anastasopoulos

**Invited Speakers**

K. Toki  
M. Hamada  
K. Kawashima  
T. O'Rourke  
I. Shahrour  
E. Faccioli

## Workshop Topics

- Seismic design of surface, pile, caisson foundations
- Foundations and Infrastructure resisting liquefaction
- Repair-Retrofit and health monitoring of foundations against earthquake
- Soil-Foundation-Structure interaction
- Performance-Based Seismic Design
- Lessons learned from recent earthquakes
- The Wenchuan 2008 Earthquake (China)
- The Aquilano 2009 Earthquake (Italy)
- Strong Ground motion

## Special Session: "Earthquake Protection and Post-earthquake Restoration of Cultural Heritages"

**Moderators:** **K. Masuda** (Ritsumeikan University) and  
from Greece (*to be announced shortly*)

### Invited Lectures:

- 1) **K. Toki** (Ritsumeikan University)  
*"Protection of Cultural Heritage from Post-earthquake Fire – Proposal and Present Situation"*
- 2) **E. Vintzileou**(NTUA)  
*"Seismic Behaviour of Timber Reinforced Historic Buildings"*

**Also, Reports from Japan, Greece, India and Algeria**

## Keynote Lectures

**M. Hamada** (Waseda University)  
*"Global Increase of Natural Disasters and International Cooperation for Disaster Mitigation"*

**K. Kawashima** (Tokyo Institute of Technology)  
*"Rocking Isolation of Bridge Supported on Spread Foundations"*

**T. O' Rourke** (Cornell University)

*"49<sup>th</sup> Rankine Lecture: Geohazards and Large*

*Geographically Distributed Systems"*

**I. Shahrour** (University of Lille, France)

*"Seismic Behavior and Design of Micropiles"*

**E. Faccioli** (Politecnico di Milano, Italy)

*"The Aquilano 2009 Earthquake: Seismological, Geotechnical, Structural aspects"*

## Important Dates

**30 May, 2009:** Title of contribution(s) and a very short, one-paragraph Abstract or some keywords

**31 July, 2009:** Submission of Paper in final form



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