

ICONHIC 2016

International Conference on Natural Hazards & Infrastructure

28 – 30 June 2016, Chania, Crete island, Greece



Conference Topics

Cross-Cutting Themes

- Resilient Infrastructure Design
- Sensing and Monitoring
- Physical Modeling in Lab and Field
- Cascading Hazards and Multiple Risk Assessment
- Case studies and lessons learned
- Eco-friendly mitigation techniques
- Community Preparedness and Outreach
- Extreme Engineering for extreme conditions

Wind, Floods and Tsunamis

- Design for extreme wind loads
- Flood-resistant Design for Dams and Levees
- Tsunami-resistant Design
- Tsunami Hazard Evaluation
- Prevention & Mitigation Measures

Landslides

- Hazard Assessment and Sensing
- Submarine Infrastructure effects from offshore landslides
- Landslides due to earthquakes & floods
- Prevention and Mitigation

Keynote Speakers

- **T. Abdoun**, RPI, USA
- **M. Calvi**, Univ. Pavia, ITALY
- **R. Gilsanz**, GMS, USA
- **A. Kareem**, Univ. Notre Dame, USA
- **R. Phillips**, C-Core, Canada
- **A. Puzrin**, ETH, SWITZERLAND
- **M. Randolph**, UWA, AUSTRALIA
- **I. Towhata**, Univ. Tokyo, Japan
- **G. Viggiani**, Univ. Roma Tor Vergata, ITALY
- **D. Wald**, USGS, USA

Earthquakes

- Engineering Seismology & Ground Motion Simulation
- Assessment, Analysis and Retrofitting of Structures
- Protective Systems of Isolation and Energy Dissipation
- Life-cycle and aging effects on seismic risk assessment
- Soil-Structure Interaction
- Ground Failure & Liquefaction: Analysis and Effects on Structures

Chaired by

George Gazetas, NTUA, GREECE | **Paul Marinos**, NTUA, GREECE | **Costas Synolakis**, Tech. Univ. of Crete, GREECE

www.iconhic2016.com

Conference Highlights

- **Balanced mixture of Practice and Academia** and a cutting-edge exhibition
- **Special Journal Issue** : the top quality papers will be forwarded for journal publication
- **5-in-5 Session** where each author will present 5 slides in 5 minutes
- **Exciting Social Activities** including a beach BBQ party, tours, shopping and night-walk in the vibrant old port of Chania to experience the unique Cretan cuisine
- **Expedition to Ancient Knossos Palace**, in the heart of Minoan Civilization (2000-1700 B.C.)

Registration Fees

before June 15, 2016

Delegates: **€470** | Students: €250

after June 15, 2016

Delegates: **€520** | Students: €250

ICONHIC 2016 in numbers

10

Keynote Lectures

12

Invited & Theme Talks

22

Countries

65

Companies

90

Research Institutions

180

Technical Papers



Conference Sponsors

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