

13:00

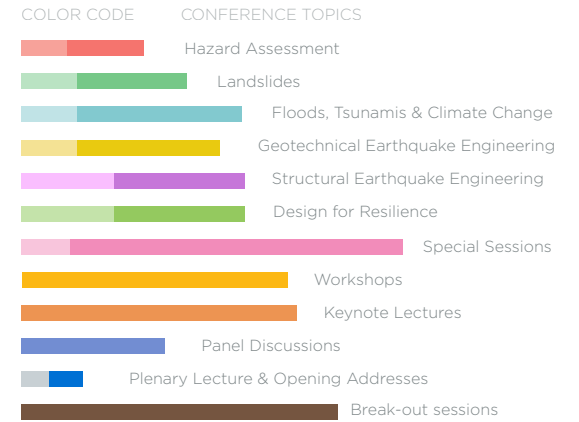
# REGISTRATION

# 23 JUNE

17:00

## Opening Ceremony

G. Gazetas, NTUA, GREECE  
I. Anastasopoulos, ETH Zurich, SWITZERLAND  
R. Kourkoulis, ICONHIC, GREECE



The length of the bars corresponds to the allocated time to each topic.

17:20



**PLENARY LECTURE**  
America's infrastructure report card: causes, costs, and solutions

**R. Kemper**  
ASCE, USA

🕒 17:20 | MAIN HALL


18:00



**OPENING ADDRESS**  
Infrastructure - social media -resiliency

**D. McAlister**  
WSP, USA

🕒 18:00 - 18:20  
MAIN HALL



**OPENING ADDRESS**

**H. Moatsos**  
AXA, GREECE

🕒 18:20- 18:40  
MAIN HALL

18:40

# ICE BREAKING COCKTAIL

09:00



**KEYNOTE LECTURE**

Reliability of design of seismically isolated buildings

**M. Constantinou**  
Univ. at Buffalo, USA

🕒 9:00 - 9:40  
**MAIN HALL**



**KEYNOTE LECTURE**

Floods and droughts, water storage infrastructure, and sustainable development

**V. Smakhtin**  
UN Univ., CANADA

🕒 9:45 - 10:30  
**MAIN HALL**

**SPECIAL SESSION**

Understanding, Modelling, & Design of OWT Foundation

🕒 9:00 - 10:30  
**ROOM 4**

# 24 JUNE

10:30

## Coffee & Snack Break 30 min.

11:00

Theme lecture  
**R.B. Corotis**  
CU Boulder, USA

Theme lecture  
**K. Pitilakis**  
AUTH, GREECE

Theme lecture  
**T. Peters**  
Deltares, NETHERLANDS

Theme lecture  
**N. Makris**  
SMU, USA

Theme lecture  
**A. Kiremidjian**  
Stanford, USA

**WORKSHOP**  
Natural Hazards & Pipeline Infrastructure

11:30

**Design for RESILIENCE**  
Disaster Planning and Future Needs

**EARTHQUAKES**  
Design of Geostuctures and SSI

**CLIMATE CHANGE & FLOODING**  
Flood Management & Risk Reduction Strategies

**EARTHQUAKES**  
Structural Health Monitoring, Analysis and Assessment

**MULTI-HAZARD**  
Assessment and Early Warning Systems

**MAIN HALL**

**ROOM 1**

**ROOM 2**

**ROOM 3**

**ROOM 4**

**ATHINA**

13:00

## LUNCH 75 min.

14:15



**KEYNOTE LECTURE**

Agents of change for resilient infrastructure

**T.D. O'Rourke**  
Cornell, USA

🕒 14:15 - 14:55  
**MAIN HALL**



**KEYNOTE LECTURE**

Human-induced natural disasters; We do not know our earth

**I. Towhata**  
Kanto Gakuin University, JAPAN

🕒 15:00 - 15:40  
**MAIN HALL**

**EARTHQUAKES**

Retrofitting and Seismic Upgrade

🕒 14:15 - 15:45  
**ROOM 4**

15:45

## Coffee & Snack Break 30 min.

16:15

Theme lecture  
**J. Knappet**  
Univ. of Dundee, UK

Theme lecture  
**S. Dashti**  
CU Boulder, USA

**FLOOD RESILIENCE**  
Ecosystem based Adaptation for Urban Flood Resilience

Theme lecture  
**E. Vintzileou**  
NTUA, GREECE

Theme lecture  
**S. Kontoe**  
Imperial College, UK

**WORKSHOP**  
Natural Hazards & Pipeline Infrastructure

16:45

**LANDSLIDES**  
Simulation and Impacts on Structures

**LIQUEFACTION**  
Analysis and Effects on Structures and Lifelines

**EARTHQUAKES**  
Vulnerability Assessment & Uncertainties

**MULTI-HAZARD**  
Assessment and Early Warning Systems

**MAIN HALL**

**ROOM 1**

**ROOM 2**

**ROOM 3**

**ROOM 4**

**ATHINA**

17:45

09:00



**KEYNOTE LECTURE**

Triggering and motion of landslides

**E. Alonso**  
UPC, SPAIN

🕒 9:00 - 9:40  
MAIN HALL



**KEYNOTE LECTURE**

Landslide influence zone: a hidden hazard

**A. Puzrin**  
ETH, SWITZERLAND

🕒 9:45 - 10:30  
MAIN HALL

**Design for RESILIENCE**

Disaster Planning and Future Needs

🕒 9:00 - 10:30  
ROOM 3

# 25 JUNE

10:30

## Coffee & Snack Break 30 min.

11:00

### PANEL 1

Innovative Financial Mechanisms to Transfer Catastrophe Risk

MAIN HALL

**J. Park**, Nephila Advisors LLC

**C. Acton**, RMS

**G. Franco**, Guy Carpenter

**D. Wald**, USGS

### WORKSHOP

Natural Hazards & Pipeline Infrastructure

ROOM 4

13:00

## LUNCH 75 min.

14:15



**KEYNOTE LECTURE**

The role of disaster metrology in community resilience

**J. Mitrani-Reiser**  
NIST, USA

🕒 14:15 - 14:55  
MAIN HALL

### WORKSHOP

Natural Hazards & Pipeline Infrastructure

15:00

Theme lecture  
**T. Abdoun**  
RPI, USA  
MAIN HALL

Theme lecture  
**E. Sapountzakis**  
NTUA, GREECE  
ROOM 1

Theme lecture  
**E. Faccioli**  
SGI, ITALY  
ROOM 2

Theme lecture  
**D. Frangopol**  
Lehigh University, USA  
ROOM 3

15:20

Theme lecture  
**N. Sitar**  
Berkeley, USA  
MAIN HALL

Theme lecture  
**I. Antoniadis**  
NTUA, GREECE  
ROOM 1

Theme lecture  
**G. Papadopoulos**  
NOA, GREECE  
ROOM 2

Theme lecture  
**E. D. Janis**  
NCRC, USA  
ROOM 3

🕒 14:15 - 15:45  
ROOM 4

15:45

## Coffee & Snack Break 30 min.

16:15

**Design for RESILIENCE**  
Rapid Response and Post-event Recovery

MAIN HALL

Theme lecture  
**A. M. Kaynia**  
NGI / NTNU, NORWAY

**EARTHQUAKES**  
Design against Liquefaction

ROOM 1

Theme lecture  
**T. Rossetto**  
University College London, UK

**TSUNAMIS**  
Impact on Structures & Mitigation Strategies

ROOM 2

Theme lecture  
**S. Lagomarsino**  
University of Genoa, ITALY

**EARTHQUAKES**  
SHM, Analysis and Assessment

ROOM 3

Theme lecture  
**M. Brown**  
Univ. of Dundee, UK

**GEOHAZARDS**  
Prevention and Mitigation

ROOM 4

Theme lecture  
**S. Bhattacharya**  
University of Surrey, UK

**SPECIAL SESSION**  
Understanding, Modelling, & Design of OWT Foundation  
ATHINA

16:40

17:45

20:00

# CONFERENCE BEACH PARTY

09:00



**G. Bouckovalas**  
NTUA, GREECE

**KEYNOTE LECTURE**

Generic design of HPNG pipelines against liquefaction-induced lateral spreading

🕒 9:00 - 9:40

MAIN HALL



**M. Cubrinovski**  
U. Canterbury, NZ

**KEYNOTE LECTURE**

Liquefaction of Wellington port reclamations in the 2016 Kaikoura earthquake

🕒 9:45 - 10:30

MAIN HALL

**SPECIAL SESSION**

Energy Resources, Human Induced Earthquakes & Community Resilience

🕒 9:00 - 10:30

ROOM 3

# 26 JUNE

10:30

## Coffee & Snack Break 30 min.

11:00

Theme lecture  
**B. Pathmanathan**  
WSP, Opus, NZ

**RESILIENCE**  
Decisions for Infrastructure

MAIN HALL

**LANDSLIDES**  
Mapping, remote Sensing, Monitoring

ROOM 1

Theme lecture  
**E.C. Shin**  
INU, S. KOREA

**CLIMATE CHANGE & FLOODING**  
Dikes, Levees and Dams

ROOM 2

**SPECIAL SESSION**  
Recent Advances in Rocking Structures

ROOM 3

**WORKSHOP**  
Natural Hazards & Pipeline Infrastructure

ROOM 4

**SPECIAL SESSION**  
Loss and Resilience Assessment Tools for Infrastructure exposed to Natural Hazards

ATHINA

13:00

## LUNCH 75 min.

14:15

### PANEL 2

Risk Assessment and Mitigation of Geotechnical Eco-Hazards

MAIN HALL

**R. Davila**, Swiss Re  
**M. Lee**, Ebor Geoscience Ltd  
**A. Puzrin**, ETH Zurich

**SPECIAL SESSION**  
Bridge Risk Assessment from Natural Hazards

ROOM 2

15:45

## Coffee & Snack Break 30 min.

16:15

**SYNTHESIS**  
Presentation of Co-labs Results  
R. Kemper  
E. D. Janis  
J. Mitrani-Reiser

MAIN HALL

**SPECIAL SESSION**  
Performance and Resilience of Large Structures subjected to Wind & Earthquake Loads

ROOM 1

**EARTHQUAKES**  
Design of Geostuctures and SSI

ROOM 2

**LANDSLIDES**  
Prevention and Mitigation

ROOM 3

**WORKSHOP**  
Natural Hazards & Pipeline Infrastructure

ROOM 4

**Design for RESILIENCE**  
Rapid Response and Post-event Recovery

ATHINA

17:15

## Synthesis

MAIN HALL

Plenary Closing Talk

## Closing Ceremony

MAIN HALL

G. Gazetas, NTUA  
I. Anastasopoulos, ETH Zurich

18:00