



THE 6TH IASPEI / IAEE INTERNATIONAL SYMPOSIUM:

THE EFFECTS OF SURFACE GEOLOGY ON SEISMIC MOTION

MARCH 15-17, 2021 KYOTO, JAPAN

# The 6<sup>th</sup> International Symposium on ESG

The 6<sup>th</sup> International Symposium on the Effects of Surface Geology on Seismic Motion (ESG6) will be held on March, 2021 at Kyoto, Japan, hosted by the Japan Association for Earthquake Engineering.

ESG study is propelled worldwide by the International Joint Working Group of IASPEI (International Association of Seismology and Physics of the Earth's Interior) and IAEE (International Association of Earthquake Engineering) (JWG-ESG), established in 1985. The first ESG international symposium was held in 1992 at Odawara, Japan. Since then, international symposiums have been held worldwide, such as ESG2 in 1998 at Yokohama, Japan, ESG3 in 2006 at Grenoble, France, ESG4 in 2011 at Santa Barbara, USA and ESG5 in 2016 at Taipei, Taiwan, hosted by the members of the JWG-ESG.

The year 2021 will be the 10<sup>th</sup> anniversary from the 2011 Tohoku Earthquake, over a quarter century from the 1995 Kobe Earthquake and over 35 years from the 1985 Michoacan Earthquake. ESG6 will focus on all issues of site effects on ground motions, together with issues related to the quantitative prediction of ground motions reflecting those effects. ESG6 will provide an opportunity to disseminate the progress of studies related to ESG during this past three decades and share ideas for future expansion of ESG study worldwide. Also, a blind prediction exercise related with the 2016 Kumamoto Earthquake is planned as a special session. The organizing committee would like to welcome all of those interested in ESG study to participate in the symposium.

## Main Theme

**Progress of ESG research during the last three decades:  
How good can we predict site amplification?**

**Date** March 15<sup>th</sup> (Mon) to 17<sup>th</sup> (Wed), 2021

**Venue** KYOTO TERRSA, Kyoto, Japan

<http://www.kyoto-terrsa.or.jp/>

Walking distance from JR Kyoto Station

**Host** Japan Association for Earthquake Engineering



JAPAN ASSOCIATION  
FOR EARTHQUAKE ENGINEERING

## Organizing Committee

ESG6 organizing committee

Chairman: Hiroshi Kawase (Professor, DPRI, Kyoto University)

## Sessions

- Special Session: Blind prediction related to the 2016 Kumamoto Earthquake, Achievements from two decades of observation by K-NET/KiK-net
- Keynote Speeches and Invited Lectures: State of the Art of ESG and recent achievements
- General Presentation: Poster with short oral presentation

## Major Topics

- Recent Damaging Earthquakes
- Geophysical Exploration
- Ground Motion Simulation/ Near-fault Strong Motions
- Site Amplification/Spatial Variation/Uncertainty
- Borehole Array Observation and Analysis
- Nonlinear Soil Response
- Seismic Hazards/GMPE
- Other Related Issues on ESG/SMP

## Important Dates (tentative)

- January 2019      Announcement of the first circular  
Call for blind prediction participation (**See details on the web**)
- June 2019        Announcement of the second circular
- September 2019    Call for abstracts
- October 2019     Exhibition Registration Open
- **December 2019**    **Deadline for abstracts**
- May 2020         Registration open
- September 2020    Deadline for extended abstracts/Early bird registration deadline
- January 2021      Registration deadline
- March 2021        ESG6 (15<sup>th</sup> to 17<sup>th</sup>)

## Contact:

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