



THE 6TH IASPEI / IAEE INTERNATIONAL SYMPOSIUM:

THE EFFECTS OF SURFACE GEOLOGY ON SEISMIC MOTION

MARCH 15-17, 2021 KYOTO, JAPAN

The 6th International Symposium on ESG

The 6th 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 10th 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 accurately can we predict site amplification?**

Date March 15th (Mon) to 17th (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 (15th to 17th)

Contact:

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