

International Symposium on Risk Assessment and Decision Making for Infrastructure Systems under Earthquake Hazard

Date **May 31, 2019, 10:00–12:00** Venue **Seoul National University, Bldg. 35, Room 223**



Post-Earthquake Risk Assessment and Decision Making for Infrastructure Systems

Prof. Armen Der Kiureghian

President, American University of Armenia, Armenia

Taisei Professor of Civil Engineering Emeritus, UC Berkeley, USA

Throughout his pioneering career, Prof. Armen Der Kiureghian accomplished influential developments in the academic fields of structural reliability, risk analysis, stochastic dynamics, and earthquake engineering, recognized by receiving numerous prestigious awards and being inducted to the US National Academy of Engineering. Since the occurrence of the 1988 Armenian Earthquake, Prof. Der Kiureghian has made dedicated efforts to achieve rapid recovery and sustainable development of his home country, and played a leading role in establishing the American University of Armenia and paving the way for its growth.



A Bayesian Hierarchical Framework for Induced Seismicity Hazard Associated with Deep Underground Fluid Injection

Dr. Marco Broccardo

ETH Zürich, Switzerland

Dr. Marco Broccardo is an expert in the fields of decision-making for seismicity mitigation strategies, fluid induced seismicity, and sampling methodology for rare event estimation.



Performance Pattern Recognition: Methods and Application in Earthquake Engineering

Prof. Ziqi Wang

Guangzhou University, China

Prof. Ziqi Wang is an expert in the fields of nonlinear stochastic dynamics, stochastic structural analysis, sampling methodology for rare event estimation, and machine learning.

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For questions, please contact the host, Prof. Junho Song at junhosong@snu.ac.kr