

Webinar Program



2nd BJUT-IIEES-RCECWA Joint Webinars “Infrastructure Risk and Post Disaster Demand”

Wednesday, May 21, 2025
9:00-11:30 AM (Tehran Time)
13:30-16:00 PM (Beijing Time)

Beijing University of Technology (BJUT), International Institute of Earthquake Engineering and Seismology (IIEES) and UNESCO Regional Education and Research Center on Earthquake Risk and Resilience for West and Central Asia (RCECWA) have started a scientific collaboration on earthquake hazards prevention and mitigation for urban infrastructure systems, which is a macro-issue involving many research topics. In this line, a series of webinars have been outlined to share the research experiences in seismic hazard, vulnerability, risk and resilience analysis of urban systems. The second webinar entitled "Infrastructure Risk and Post Disaster Loss Estimation" will be organized on Wednesday 21 May 2025.

Program

9:00 – 9:15 (Tehran Time) 13:30 – 13:45 (Beijing Time)	Opening Statement by: <i>Prof. Chengshun Xu: College of Architecture and Civil Engineering, BJUT, China</i> <i>Prof. Mohsen Ghafory-Ashtiany: Professor of IIEES (Iran) and Guest Professor of BJUT (China)</i> <i>Workshop Objective and Plan</i>
9:15 – 11:15 (Tehran Time) 13:45 – 15:45 (Beijing Time)	Presentations <i>Dr. Morteza Abbasnejadfar: Quantifying infrastructure resilience considering economic impacts</i> <i>Associate Prof. Huiquan Miao: Post-earthquake water demand modeling of water distribution systems considering population redistribution.</i> <i>Dr. Bijan Sayyafzadeh: OpenSRANE_{sys}, An Extensible and Flexible Platform for Quantitative Risk Assessment of NaTech Events</i> <i>Prof. Zilan Zhong: Failure mechanism and mitigation measures of fault-crossing buried pipelines and mountain tunnels</i> <i>Note: Each Lecture is 20 minutes and follows by 10 minutes Q/A</i>
11:15 - 11:30 (Tehran Time) 15:45 – 16:00 (Beijing Time)	Discussion: Moving Forward <i>Moderated by Mohsen Ghafory-Ashtiany and Benwei Hou</i>



Microsoft Teams online meeting links:

<https://teams.live.com/join/938558375953?p=jNaGQwDluAadihayPZ>