



# First BJUT-IIEES-RCECWA Joint Webinars

## “Urban Resilience and Earthquake Loss Estimation”

**Date: Wednesday 23 April 2025**

**Time: 9:00-11:30 AM Tehran Time; 2:30-5:00PM 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 first webinar entitled "Urban Resilience and Earthquake Loss Estimation" will be organized on Wednesday 23 April 2025.

### Program

<p><b>9:00 – 9:15</b> (Tehran time)</p> <p><b>14:30 – 14:45</b> (Beijing time)</p>	<p><b>Opening Statement by:</b></p> <p><b>Prof. Chengshun XU:</b> Director of College of Architecture and Civil Engineering, BJUT, China</p> <p><b>Prof. Mohsen Ghafory-Ashtiany:</b> Professor of IIEES (Iran) and Guest Professor of BJUT (China)</p> <p><i>Workshop Objective and Plan</i></p>
<p><b>9:15 – 11:15</b> (Tehran time)</p> <p><b>14:45 – 16:45</b> (Beijing time)</p>	<p><b>Presentations</b></p> <ol style="list-style-type: none"> <li>1. <b>Prof. Mohsen Ghafory-Ashtiany:</b> System Thinking in Urban Resilience (Problem Statement, Urban Complex System / Elements of Urban System)</li> <li>2. <b>Dr. Junyi Zhu, and Prof. Wei Wang:</b> Developing dual-purpose urban infrastructure considering the daily service and post-disaster emergency service: Pathways to enhance urban resilience.</li> <li>3. <b>Prof. Anooshiravan Ansari:</b> Rapid Assessment of Iran Earthquakes, RAISE</li> <li>4. <b>Dr. Yuanyuan Ren, and Prof. Wei Wang:</b> Probabilistic assessment of earthquake casualties in residential areas.</li> </ol> <p><i>Note: Each Lecture is 20 minutes and follows by 10 minutes Q/A</i></p>
<p><b>11:15 - 11:30</b> (Tehran time)</p> <p><b>16:45 – 17:00</b> (Beijing time)</p>	<p><b>Discussion: Moving Forward</b></p> <p><i>Moderated by Mohsen Ashtiany and Benwei Hou</i></p>