



Smart Disaster Management
Research Center



Center of Excellence in Geomatic Eng. In Disaster Management, College of Eng., University of Tehran



In the Name of God

Webinar Title: "Megacities Disaster Management"

Organized by: Center of Excellence in Geomatic Eng. in Disaster Management, College of Engineering, University of Tehran, Smart Disaster Management Research Center, International Society for Photogrammetry and Remote Sensing (ISPRS), and Islamic World Educational, Scientific and Cultural Organization (ICESCO) Iranian National Commission for ICESCO

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Webinar Link: <https://vroom.ut.ac.ir/geos1>

Moderator: Prof. Mahmoud Reza Delavar, University of Tehran, mdelavar@ut.ac.ir

	Time	Speaker	Presentation Title
1	14-14:10	His Excellency Mr. Mahdi Fayyazi, Secretary General for ICESCO National Commission in the I.R. of Iran	Opening Remarks
2	14:10-14:30	Prof. Mehdi Zare, Engineering Seismology Dept., International Institute of Earthquake Eng. and Seismology (IIEES), Tehran, Iran and Associate Member, Geology Division, Academy of Sciences of the I.R. Iran	Geohazard risk assessment in the Megacity of Tehran, Iran, a National Challenge with International Lessons
3	14:30-14:50	Dr. Sami Samiei Esfahani, Assist. Prof. Geodesy Dept., School of Surveying and Geospatial Eng., College of Engineering, University of Tehran	Land Subsidence Hazard in Megacities of Iran: Current Status and the Role of Geomatics Engineering
4	14:50-15:10	Prof. Seyed Kazem Alavipanah, Dept. of Remote Sensing and GIS, Faculty of Geography, University of Tehran	The Reciprocal Effect of Global Warming and Climatic Change
5	15:10-15:30	Dr. S.A. Saadat, General Manager, Geodesy and Land Surveying Dept., National Cartographic Center (NCC) of Iran	Investigation of the Earth's Crust Movements and Land Subsidence in Iran based on Geodetic Data
6	15:30-15:50	Prof. Behzad Moshiri Dept. of Control Systems Eng., School of ECE, University of Tehran and Assist. Prof. Babak Majidi Dept. of Computer Eng., Khatam University, Tehran, Iran	Soft and Hard Data Fusion for Rural and Urban Disaster Resilience
7	15:50-16:10	Dr. Mehmet S. Bayraktutan, Eng. Faculty, Iğdir University, Turkey	Disaster Management Plans for Istanbul
8	16:10-16:30	Eng. Ramadan Hamza Muhammad (MSc.) Director of Scientific Affairs , Duhok University	The Two Faces of Erbil Mega city, Water Scarcity and Flash Flood
9	16:30-16:50	Dr. Reza Shahbazi Director Manager, Office of Geohazards, Environmental and Eng. Geology, Geological Survey of Iran (GSI)	Climate Change and its Footprint on the Geo-Hazards Amplification in Iran
10	16:50-17:10	Assoc. Prof. Ali Asgary, Disaster & Emergency Management, School of Administrative Studies, Faculty of Liberal Arts and Professional Studies, York University, Canada	Megacities and Climate Change Crisis in the 2022 IPCC New Report
11	17:10-17:30	Prof. Mahmoud Reza Delavar, Center of Excellence in Geomatic Eng. in Disaster Management, School of Surveying and Geospatial Eng., College of Engineering, University of Tehran, Chair, ISPRS WG IV/3 (Spatial data analysis, statistics and uncertainty modeling), 2016-2022	Smart Spatial Data fusion for Earthquake Vulnerability Assessment
12	17:30-17:50	Concluding Remarks and Q. & A.	