

Resume

Ali Maghsoudi-Barmi

Faculty Member at IIEES

No.21 Arghavan St., North Dibajee, Farmanieh, Tehran, Iran
T +98 (21) 22830830 ext. 425 / maghsoudi@iiees.ac.ir

EXPERIENCE

Since 2025	<i>INTERNATIONAL INSTITUTE OF EARTHQUAKE ENGINEERING AND SEISMOLOGY</i> FACULTY MEMBER	<i>Tehran, Iran</i>
2021-2025	<i>TEHRAN DISASTER MITIGATION AND MANAGEMENT ORGANIZATION</i> GEOLOGICAL HAZARDS SPECIALIST	<i>Tehran, Iran</i>
2018-2021	<i>OMRAN GOSTAR BASIR COMPANY</i> STRUCTURAL ENGINEER	<i>Tehran, Iran</i>
2011-2018	<i>TEHRAN TECHNICAL AND ENGINEERING CONSULTANT ORGANIZATION</i> STRUCTURAL ENGINEER	<i>Tehran, Iran</i>

EDUCATION

2013-2020	<i>SHARIF UNIVERSITY OF TECHNOLOGY</i> PHD IN CIVIL ENGINEERING	<i>Tehran, Iran</i>
2011-2013	<i>SHARIF UNIVERSITY OF TECHNOLOGY</i> M.SC. IN CIVIL ENGINEERING	<i>Tehran, Iran</i>
2007-2011	<i>SHARIF UNIVERSITY OF TECHNOLOGY</i> B.SC. IN CIVIL ENGINEERING	<i>Tehran, Iran</i>

PUBLICATIONS

Journal Articles

- **A. Maghsoudi-Barmi**, M.R. Soghrat, "Development of a fragility model for low-rise steel and reinforced concrete buildings in Iran", *Numerical Methods in Civil Engineering*, 2024.

Resume

- **A. Maghsoudi-Barmi**, A. Khansefid, A. Khaloo, and M. Ehteshami Moeini, “Probabilistic Seismic Performance Assessment of Optimally Designed Highway Bridge Isolated by Ordinary Unbounded Elastomeric Bearings”, *Engineering Structures*, 2021.
- **A. Maghsoudi-Barmi**, A. Khaloo, and M. Ehteshami Moeini, “Experimental Investigation of Unbounded Ordinary Steel Reinforced Elastomeric Bearings as an Isolation System in Bridges”, *Structures*, 2021.
- **A. Maghsoudi-Barmi**, A. Khansefid, A. Khaloo, M. Ehteshami Moeini, “Seismic Risk Assessment of Optimally Designed Highway Bridge Isolated by Ordinary Unbounded Elastomeric Bearings”, *Numerical Methods in Civil Engineering*, 2021.
- **A. Maghsoudi-Barmi** and A. Khaloo, “Experimental Investigation of Life-Time Behavior of Unbounded Elastomeric Bearings as an Isolation System in Bridges”, *Structure and Infrastructure Engineering*, 2020.
- A. Khaloo, **A. Maghsoudi-Barmi** and M. Ehteshami Moeini, “Numerical parametric investigation of hysteretic behavior of steel-reinforced elastomeric bearings under large shear deformation”, *Structures*, 2020.
- A. Khansefid, **A. Maghsoudi-Barmi** and A. Khaloo; “Seismic protection of LNG tanks with reliability based optimally designed combined rubber isolator and friction damper”, *earthquakes and structures*, 2019.
- S. Maleki and **A. Maghsoudi-Barmi**; “Effects of Concurrent Earthquake and Temperature Loadings on Cable-Stayed Bridges”, *International Journal of Structural Stability and Dynamics*, 2016.

Book Chapter

- A. Khansefid, **A. Maghsoudi-Barmi**, (2022). “Toward more seismic resilient construction via risk-based application of smart vibration control systems”. In Noroozinejad Farsangi, Noori, Yang, Lourenço, Gardoni, Takewaki, Chatzi, and Li (Ed.), *Automation in Construction toward Resilience: Robotics, Smart Materials & Intelligent Systems*. Delaware: Taylor & Francis Group, CRC Press.

MEMBERSHIPS

Tehran Construction Engineering Organization