

Mehrdad MOSTAFAZADEH

Personal Information:

Present Occupation: Assistant professor

Email: mehrdad@iiees.ac.ir

Telephone :+98 21 2271 5484

Date of Birth: 10 September. 1962

Educational Background:

- Ph.D. Geophysics (Seismology), Istanbul University, Istanbul -Turkey, Sep 1998
Dissertation: "Variation of Seismicity and Earthquake Mechanisms in the Zagros and Sanandaj – Sirjan Zones."
- M.Sc. Geophysics (Seismology), Istanbul University, Istanbul- Turkey, Sep.1992
Thesis: "Using Seismic Reflection data for calculation of shortening in the Zagros-fold belt."
- B.Sc. Geophysics (Seismology), Istanbul Technical University, Istanbul -Turkey, Sep. 1990

Research Interest:

- Dynamic and Kinematics Source Parameters of Earthquakes
- Data Processing of Seismic Signals
- Earthquake hazard

Professional Experiences:

- Seismology and seismological networks

Teaching experiences:

- Theory of elastic wave
- Seismology
- Geophysics Modeling

- Inverse problem in geophysics

Projects and Activities:

- 1- Evaluation of Stress Variation of Earthquakes in Alborz Region for Determining of High Risk Area
- 2- Evaluation of Crustal Deformation in the Zagros Belt by Using of Earthquakes Seismic data in this Region and Surrounding Area
- 3- Earthquake Potential study in the Eastern block of Iran for preparing of seismic stress map
- 4- Evaluation of Stress Changes in the Zagros Belt Base of Fractal Analysis

Selected Publication:

- 1- Long-Term Seismicity Behavior of the Zagros Region in Iran. Pure and Apply Geophysics, Springer, 2016.
- 2- Earthquake Potential in the Zagros region (Iran). Acta Geophysica, De Gruyter, 2016.
- 3- Seismological Aspects of the 2003Bam, Iran, Earthquake and Its Aftershock Analysis. EERI, 2005.
- 4- Application of copula theory to developed techniques for earthquakes forecasting. JSEE, 2016.
- 5- Source study of some large earthquakes occurred in south eastern Iran. JSEE, 2012.
- 6- Source parameters of the Mw 6.6 Fandogha earthquake of March 14, 1998. JSEE, 2008.
- 7- Source parameters of March 31st, 2006 Dorud earthquake in Iran. Scientica Iranica., 2008.
- 8- Analysis of the March 13, 2005 Earthquake in Southeastern Iran Based on Teleseismic and Regional Distances. JSEE, 2006.
- 9- Source Time Function of Caspian Basin and Surrounding Area Earthquake 2003. JSEE
- 10- Body Waveform Modeling of Five Moderately Earthquakes in the Zagros Fold Thrust Belt. JSEE 2000.