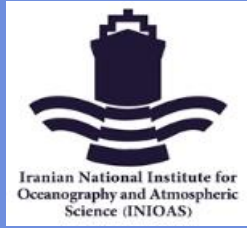


Curriculum Vitae

Dr. Hadi Gerivani



Assistant Professor in **Engineering Geology**

E-mail: **Gerivani@inio.ac.ir**



Academic Background

- Ph.D. in Engineering Geology, Faculty of Sciences, Ferdowsi University of Mashhad. 2009-2013.
- M.Sc. in Engineering Geology, Faculty of Sciences, The University of Tarbiat Modares, 2004-2006.
- B.Sc. in Geology, Faculty of Sciences, The University of Shahid Beheshti 2000-2004

Positions & Work Experiences & Memberships

- Head of Marine Non-Living Science Department in INIOAS from 2016 up to Now.
- Manager of Industrial Relation Office in INIOAS from 2015 -2016.
- Assistant Professor in Iranian Institute for Oceanography and Atmospheric Science (INIAS). From 2015 un to Now.
- Research Member in International Institute of Earthquake Engineering and Seismology (IIEES). 2006- 2014.
- Member of the Iranian Engineering Geology Association (IREG).
- Member of the Iranian Earthquake Engineering Association (IEEA).

Teaching Experiences

- Course of Engineering Geology (Payam Nour University).
- Course of Applied Engineering Geology (Payam Nour University).

Research Activities

Research Interest

- Marine Engineering Geology
- Offshore Geotechnics
- Marine Geohazards(Earthquake and Tsunami, Seabed Landslide, Shoreline Hazard)
- Offshore Geophysics

- **Gerivani H.**, 2017. On the role of silt size particles in the Atterberg limits: observations in seabed sediments of the Persian Gulf. *Indian Journal of Geo-Marine Science*. Accepted.
- **Gerivani H.**, and Gerivani B.H., 2017. Potential Map of Gas Hydrate Formation in Caspian Sea Based on Physicochemical Stability Evaluation of Methane Hydrate. *MARINE GEORESOURCES & GEOTECHNOLOGY*. 2017, VOL. 35, NO. 1, 136–142.
- Ghafarian P., Gholami S., Ovladand E., **Gerivani H.**, 2016. Rainfall–runoff temporal variability in Kermanshah province, Iran and distinguishing anthropogenic effects from climatic effects. *J. Earth Syst. Sci.*, DOI 10.1007/s12040-016-0731-9, 125, No. 6, August 2016, pp. 1299–1311.
- **Gerivani H.**, Lashkaripour G.R., Ghafoori M. and Jalali N. (2010) "The source of dust storm in Iran: a case study based on geological information and rainfall data" *Carpathian Journal of Earth and Environmental Sciences*, Romania.
- Askari F., and **Gerivani H.**, 2010 "Liquefaction hazard of TEHRAN based on past studies" *Geosciences, Geological Survey of Iran*.(farsi)
- Askari, F., **Gerivani, H.**, and Haghshenas, E., 2010 "Liquefaction Hazard Zonation in Qeshm Island and Microzonation in Qeshm and Dargahan Towns" *Journal of Iranian Association of Engineering Geology* (farsi)
- **Gerivani H.**, Haghshenas E., Hafezi Moghaddas N., Ghafoori M., Lashkaripour G.R., 2012 "Frequency–amplitude range of hydrocarbon microtremors and a discussion on their source" *J. Geophys. Eng.* 9 (2012) 632–641.UK.
- **Gerivani H.**, Hafezi Moghadas N., Haghshenas E. and Abdollahi Fard I., 2012. 'Review for assessment of using ambient noise as a Tool for Hydrocarbon Reservoir Investigations' *Geosciences, Geological Survey of Iran*.(farsi).
- **Gerivani, H.**, Nikodel, M.R., Pahavan, B., 2006 "*Comparison of Pressuremeter Tests in Different Type of Soft Rocks in Aghajari Formation in Khark Island (Iran)*" 8th Iranian Conference on Geology. Tehran, Iran, Tarbiat Moallem University, 2006.(Farsi)
- **Gerivani, H.**, Nikodel, M.R., Pahavan, B., "*Comparison of Pressuremeter and Uniaxial Test (Rigidity and Deformation Parameters) in Aghajari Formation Soft Rocks*" 4th Iranian Conference on Engineering Geology and the Environment. Tehran, Iran, Tarbiat Moallem University, 2006.(Farsi)
- **Gerivani, H.**, Haghshenas, E., "*Engineering Geology Map of Gheshm Island (Iran) by Special Usage in Seismic Geotechnical Hazard zonation*" 5th Iranian Conference on Engineering Geology Engineering and the Environment. Tehran, Iran, Tarbiat Moallem University, 2008.(Farsi)
- **Gerivani, H.**, Keshavarz, M., "Increasing in seismic activity in Qeshm Island during recent years" 6th Iranian Conference on Engineering Geology and the Environment. Tehran, Iran, Tarbiat Moallem University, 2009.(farsi)
- **Gerivani, H.**, Nikodel, M.R., Pahavan, B., "*Comparison between Bearing Capacity determined by Pressuremeter and Uniaxial tests, in Aghajari formation's soft rocks*" 6th Iranian Conference on Engineering Geology and the Environment. Tehran, Iran, Tarbiat Moallem University, 2009.(farsi)
- **Gerivani H.**, Haghshenas E., Safayeean Amoli R., Rakhshandeh M. and Shafiee A., 2011 "Regional site effect zonation in Qeshm Island (Iran). 6th international conference on Seismology and Earthquake engineering, Tehran Iran.

- **Gerivani H.**, Haghshenas E., and Hafezi Moghaddas N., 2012 “Ambient noise study over a gas field in Qeshm Island” 15th world conference on earthquake engineering. Lisbon.
- Haghshenas E., Rahmani I., **Gerivani H.** and Rakhshandeh M., 2010. ‘Liquifaction hazard zonation in southern coustal of Iran by using satelite images’ 4th international conferense of Geotechnics and Soil Mechanics, Tehran, Iran.

Projects

- Geotechnical classification of seabed sediments in northern part of Persian Gulf
- Assessment of national capability in offshore geotechnical investigation and feasibility study of developing geotechnical equipment for water environment
- Feasibility study of constructing subsurface dams based on the local geology and climate in the Kermanshah Province
- Caspian Sea Monitoring and Data Processing. Iranian National Institute for Oceanograohy. (Member of research team).
- Caspian Sea Monitoring and Data Processing. Iranian National Institute for Oceanograohy. (Member of research team).
- Establishing urban rules and regulations in order to increase safety against earthquake hazard in Tehran and developing related policies and guidelines for providing the Tehran comprehensive plan. International Institute of Earthquake Engineering and Seismology. 2005. (Member of research team).
- Geotechnical Hazard Microzonation of Qom City. International Institute of Earthquake Engineering and Seismology. 2006. (Member of research team).
- Seismic and Geotechnical Hazard Microzonation of Iranian Pars Gas and Oil Field (South of Iran) "Site 3 PARS", Prepared for Iranian Petrochemical Industry Deputy. International Institute of Earthquake Engineering and Seismology. 2007. (Member of research team).
- Seismic and Geotechnical Hazard Studies of Site of Holy Shrin of Emam Reza (Mashhad City- Iran). International Institute of Earthquake Engineering and Seismology. 2007. (Member of research team).
- Seismic Hazard and Geotechnical Hazard Zonation of "Qeshm Island” and Microzonation of Dargahan and Qeshm cities. International Institute of Earthquake Engineering and Seismology. (Member of research team).
- Seismic and Geotechnical Microzonation of Bushehr city. International Institute of Earthquake Engineering and Sesmology.
- Liquefaction Zonation of South Coastline of IRAN. International Institute of Earthquake Engineering and Seismology. (Member of research team).
- Preparation of Guideline for Geophysical Surveys of Road Projects. International Institute of Earthquake

Engineering and Seismology. (Member of research team).

- Seismic and Geotechnical Microzonation of Karaj city. International Institute of Earthquake Engineering and Sismology. (Member of research team).
- Seismic and Geotechnical Microzonation of Arak and Davoodabad cities. International Institute of Earthquake Engineering and Sismology. (Member of research team).
-

Book

- Manual for Geophysical studies in Road Construction Project. No. 702-1. Iranian Management and Planning Organization. Office of Deputy for Technical and Infrastructure Development Affairs.