# Prof. Dr. Mehdi ZARE

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Languages:
-Persian : maternal language
-English : Reading, Writing and Speaking
-French : Reading, Writing and Speaking
-Arabic and German: Reading only

**Education:**
-HDR (Habilitation a Diriger des Recherches): Geological and Geophysical Engineering, Universite de Strasbourg, France, May 2017
- Ph.D.: Engineering Seismology, Joseph-Fourier (Grenoble I), University, Grenoble, France, March 1999
- M.Sc.: Engineering Geology, Tarbiat-Modarres University, Tehran, Iran, March 1994
- B.Sc.: Geology (degree with Honor), Tehran University, Tehran, Iran, June 1990

**Professional Experience:**
Full Professor of Engineering Seismology
International Institute of Earthquake Engineering and Seismology (IIEES)
Associate Member, Geology Division, Basic Science Dept, Academy of Science of I. R. Iran, (Since Feb 2016).

- February 2005-November 2007: Director of Seismology Research Center of IIEES.
-November 2007-Oct 2013: IIEES Vice-President for Research and Technology
-November 2007- June 2014: Director of National Center for Earthquake Prediction
- Since June 2014-October 2018 Director of Engineering Seismology Department, IIEES

-October 2015: Full Professor of Engineering Seismology, International Institute of Earthquake Engineering and Seismology, Tehran.

-November 2005: Associate Professor of Engineering Seismology, International Institute of Earthquake Engineering and Seismology, Tehran.

- Since March 1999: Assistant Professor: International Institute of Earthquake Engineering and Seismology, Tehran.

- Since MARCH 2000: Adjacent Professor; Mining Engineering Department, Faculty of Engineering, University of Tehran, Tehran, IRAN.

- Since November 2008; Adjacent Professor; Disaster & Emergency Health Academy, I.R. Iran National Institute of Health Research, Tehran University of Medical Sciences, Tehran, IRAN.

- Since September 2013; Adjacent Professor; Faculty of Geography, University of Tehran, Tehran, IRAN

- October 1995 to March 1999: Research Student in the "Laboratoire de Géophysique Interne et Tectonophysique LGIT, IRIGM, Université Joseph Fourier, Grenoble, France.

(Meanwhile: Faculty member and Head of Earthquake Reconnaissance Dept., International Institute of Earthquake Engineering and Seismology, Tehran.)

- December 1992 to October 1995: Research Associate in the In International Institute of Earthquake Engineering and Seismology, Tehran.

- September 1990 to December 1992: Engineering Geologist and Geotechnical expert, Mahab-Ghods Consulting Engineers, Tehran.

- Since June 1992: Freelance Engineering Seismologist, Seismic Hazard and Risk Assessment for the Engineering Projects (Dams, Power Plants, Urbanism, …etc) in Iran (45 projects studied).

- Expert to Control the Seismic Hazard Studies on the Bushehr Nuclear Power Plant (NPP).

- May 2000-May2005; Technical Advisor to the Dez-Ab Consulting Engineers.

**Supervised PhD Thesis;**

1- Dr Fereidoun Sinaiean; November 2006, "Strong Motion Studies in Iran, Analysis and Attenuation Relationships". IIEES
2- Dr Mohammad Aryamanesh; (co-supervised with Dr M.R Zolfaghari); April 2007, Seismic Hazard Studies in Tabas Region, East Iran, IIEES
3- Dr Hadi Ghasemi, February 2009; Spectral Attenuation of Strong motion Studies in Iran, IIEES.
4- Dr Aref Bali-Lashak, September 2010; Earthquake Forecast in Iran, IIEES
5- Dr Arezu Dorostian, February 2011; Strong Motion Data Modelling in the Near-Field, IAU, Tehran
6- Dr Deynaz Iranbodi, September 2011; Earthquake Rupture Hazard Zone in South Tehran Region; IAU, Tehran
7- Dr Jamileh Vasheghani-Farahani, August 2012; Attenuation of Explosion Seismic Motions, IIEES.
8- Dr Mohammad Poumohammad-Shahvar; April 2013; Developping the ShakeMaps for Earthquakes in Iran, IIEES
9- Dr Sepideh Karimiparidari (co-supervised with Prof H. Memarian); September 2013; Probabilistic Seismic Hazard Zoning in Iran for 475 yers return period, IIEES
10- Dr Majid Maybodian; October 2014; Earthquake Forecast Using CN Method in Zagros Belt, Iran, IIEES.
11- Dr Abdolah Vaez-Shushtari, University Technology Malasiya, Attenuation of Strong Gorund motions in SE Asia; (co-supervised by Prof Azlan-Bin Adnan), January 2016
12- Dr Hamideh Amini, Intensity of Earthquakes in Iran, IIEES, 2017
13- Dr Mohammad Talebi, Earthquake Forecasting Using KJ Method in Iran, IIEES, 2017
14- Dr Mona Salamat, Maximum Magnitude of Earthquakes in Iran, IIEES, 2017
15- Dr Bahar Rezaei-Nahal, Seismotectonic and Neotectonic of Central Iran, IAU, 2018.
16- Dr Zoya Farajpour, Ground Motion Prediction (GMPE) for Iran , IIEES, Tehran, 2018

**Under supervision PhD Thesis (in IIEES):**

1. Leyla Lashani ; IIEES, Started Nov 2017
2. Zoya Farajpour, Next Generation Attenuation (GMPE) for Iran; IIEES, Started Nov 2012.
3. Fereshteh Pormohammad, Seismic Risk Analysis of Alborz Region in Iran , IAU (Started in 2017).
4. .Moslem Jahangirbakht, Buin-Zahra 1962 , M7.2 earthquake hazard zone, IAU (Started in 2016).

**Scientific Activities:**

- Since May 1999: Seismic Regulations for the Nuclear Power Plants.
- Since May 1992: member of editorial board and founding the "Engineering Geology Group" in the Omran Magazine; Faculty of Civil Engineering, Sharif University of Technology, Tehran.

**Teaching Cources:**

Disaster Management
Seismic Hazard Analysis,
Seismic Hazard Zoning,
Applied Geophysics,
Seismology,
Strong Ground Motion Seismology
Seismic Risk Analysis
Seismotectonic,
Disaster Risk Management and Uncertainties
Crisis Management
Aftermathes of Natural Disasters
(in BSc, MSc and PhD levels for Geophysics, Earthquake Engineering, Civil and Mining Engineering) in Tehran University, Shahid Beheshti University, Petroleum Industry University, K.N. Toosi University of Technology, IAU University

**Scientific Stages:**

- September 1998: Commissariat d'Enérgie Atomique (CEA), Fontenay-aux-roses, Attenuation of Strong Ground Motions, France.
- June-September 2000: LGIT-IRIGM, Grenoble France.

**Some Recent Major International Journal Papers:**

**1.** S Gentili, A Peresan, M Talebi, **M Zare,** R Di Giovambattista, A seismic quiescence before the 2017 Mw 7.3 Sarpol Zahab (Iran) earthquake: Detection and analysis by improved RTL method, Physics of the Earth and Planetary Interiors, 2019.

**2.** Z Farajpour, S Pezeshk**, M Zare,** A New Empirical Ground-Motion Model for Iran, Bulletin of the Seismological Society of America 109 (2), 732-744, 2019.

**3.** F Moradpouri, N Fathianpour, R Ghaedrahmati, M **Zare**, Synthetic Catalogue Simulation in Low-Seismicity Regions and Few Instrumental Records in Central Iran Based on Monte Carlo Method, Iranian Journal of Science and Technology, Transactions A: Science, 1-10, 2019.

4. J Kuang, L Ge, GI Metternicht, AHM Ng, H Wang, **M Zare,** F Kamranzad, Coseismic deformation and source model of the 12 November 2017 MW 7.3 Kermanshah Earthquake (Iran–Iraq border) investigated through DInSAR measurements, International Journal of Remote Sensing 40 (2), 532-554, 2, 2019.

5. N Davoudi, HR Tavakoli, **M Zare**, A Jalilian , Declustering of Iran earthquake catalog (1983–2017) using the epidemic-type aftershock sequence (ETAS) model, Acta Geophysica 66 (6), 1359-1373, 1, 2018.

6. M Salamat, G Zöller**, M Zare,** M Amini, The maximum expected earthquake magnitudes in different future time intervals of six seismotectonic zones of Iran and its surroundings, Journal of Seismology 22 (6), 1485-1498, 1, 2018.

7. YH Yang, JC Hu, A Yassaghi, MC Tsai**, M Zare**, Q Chen, ZG Wang, Midcrustal Thrusting and Vertical Deformation Partitioning Constraint . 2017 7.3 Sarpol Zahab Earthquake in Zagros Mountain Belt, Iran, Seismological Research Letters 89 (6), 2204-2213, 2, 2018.

8. AV Shoushtari, AB Adnan, **M Zare**, Incorporating the local faults effects in development of seismic ground-motion hazard mapping for the Peninsular Malaysia region, Journal of Asian Earth Sciences 163, 194-211, 2018.

9. A Ostadtaghizadeh, MK Rad, H Aghababaeian, **M Zare**, F Kamranzad, Earthquake in western iran: renovation kills PLoS currents 10 2, 2018.

10. Karin Şeşetyan, Laurentiu Danciu, Mine B Demircioğlu Tümsa, Domenico Giardini, Mustafa Erdik, Sinan Akkar, Levent Gülen, **Mehdi Zare** , 2018, The 2014 seismic hazard model of the Middle East: overview and results, Bulletin of Earthquake Engineering, Pages, 1-32, https://doi.org/10.1007/s10518-018-0346-4. 2018.

11. Giardini, Domenico., Danciu, Laurencieu., Erdik, Mustafa. Karin Şeşetyan, Mine B. Demircioğlu Tümsa, Sinan Akkar, Levent Gülen**, Mehdi Zare,** Seismic hazard map of the Middle East, . Bull Earthquake Eng (2018). https://doi.org/10.1007/s10518-018-0347-3.

12. Zoya Farajpour, **Mehdi Zare,** Shahram Pezeshk, Anooshiravan Ansari, Esmael Farzanegan, 2018 Near-source strong motion database catalog for Iran, Arabian Journal of Geosciences, 11: 80. https://doi.org/10.1007/s12517-018-3413-x. 2018.

13. Seyed Mostafa Jalalalhosseini, Hamid Zafarani, **Mehdi Zare** , 2018 , Time-dependent seismic hazard analysis for the Greater Tehran and surrounding areas, J Seismology, 22: 187, doi.org/10.1007/s10950-017-9699-4.

14. Amini, H., **Zare, M**. & Ansari A,, 2018, Fault parameters and macroseismic observations of the May 10, 1997 Ardekul-Ghaen earthquake, . J Seismology (2018) 22: 5. https://doi.org/10.1007/s10950-017-9689-6.

15. **Zare M**,. 2017, Seismic Hazard Zoning in Iran: A State-of-the-Art on the Studies during Four Decades, Journal of Seismology and Earthquake Engineering, Vol 19, No 2, pp 71-101.

16. Delavar M R, Bahrami M**, Zare M**. 2017, Uncertainty Management using Interval Mathematics and Granular Computing in Seismic Vulnerability Assessment. JGST. 2017; 7 (2) :39-52
URL: http://jgst.issge.ir/article-1-621-en.html.

17. Amini, H., **Zare, M.** & Gasperini, P. 2017, Re-assessing the intensity values of Iranian earthquakes using EMS and ESI scales, . Arab J Geosci (2017) 10: 504. https://doi.org/10.1007/s12517-017-3226-3.

8 **Zare M**., Rajaure S. F.-Kamranzad, Lisa M., 2017, A seismological overview of the April 25, 2015 Mw7.8 Nepal earthquake, Arabian Journal of Geosciences, 10: 108. doi:10.1007/s12517-017-2925-0.

9 H.Amini, P.Gasperini **M.Zare** G.Vannucci, 2017, Show more Estimating the macroseismic parameters of earthquakes in eastern Iran, Journal of Geodynamics, Volume 110, October 2017, Pages 43-58.

11. Mansoureh Sadrykia , Mahmoud Reza Delavar and **Mehdi Zare , 2017**, A GIS-Based Fuzzy Decision Making Model for Seismic Vulnerability Assessment in Areas with Incomplete Data**,** *ISPRS Int. J. Geo-Inf.* **2017**, *6*(4), 119; doi:10.3390/ijgi6040119

12. M Talebi, **M Zare**, A Peresan, A Ansari , 2017, Long-Term Probabilistic Forecast for M≥ 5.0 Earthquakes in Iran, Pure and Applied Geophysics, doi:10.1007/s00024-017-1516-z.

13. Kossobokov , V., Mojarab, M., Memarian, H., and **M. Zare**, 2017, Adjusting the M8 algorithm to earthquake prediction in the Iranian plateau, Journal of Seismology, DOI: 10.1007/s10950-017-9644-6.

**14.** Laurentiu Danciu, Karin Şeşetyan, Mine Demircioglu, Levent Gülen, **Mehdi Zare**, Roberto Basili, Ata EliasShota AdamiaNino Tsereteli, Hilal Yalçın, Murat Utkucu, Muhammad Asif Khan, Mohammad Sayab, Khaled Hessami, 2017, The 2014 Earthquake Model of the Middle East: seismogenic sources, Bulletin of Earthquake Engineering, doi.org/10.1007/s10518-017-0096-8

**15.** **Zare, M**. 2016, Recent development of the earthquake strong motion-intensity catalog and intensity prediction equations for Iran, Journal of Seismology, doi:10.1007/s10950-016-9622-4.

**16.** **Zare M**. S. Karimiparidari, H.n Memarian, F. Kamranzad, 2016, Poisson distribution of the Iranian declustered earthquake catalog, Arabian Journal of Geosciences, doi:10.1007/s12517-016-2765-3.

**17.** Salamat, M., **M. Zare, M**.Holschneider, G. Zöller, 2016, Calculation of Confidence Intervals for the Maximum Magnitude of Earthquakes in Different Seismotectonic Zones of Iran, Pure and Applied Geophysics, DOI: 10.1007/s00024-016-1418-5.

**18.** Lucia Luzi, Rodolfo Puglia, Emiliano Russo, Maria D'Amico, Chiara Felicetta, Francesca Pacor, Giovanni Lanzano,Ulubey Çeken, John Clinton, Giovanni Costa, Llambro Duni, Esmael Farzanegan, Philippe Gueguen, ConstantinIonescu, Ioannis Kal ogeras, Haluk Özener, Damiano Pesaresi, Reinoud Sleeman, Angelo Strollo, **Mehdi Zare**, 2016, *The Engineering Strong-Motion Database: A Platform to Access Pan-European Accelerometric Data*, Seismological Research Letters Jun 2016, **DOI:** 10.1785/0220150278.

**19.** Ommi, S. H. Zafarani, and **M. ZARE**, 2016, Aftershock Decay Rates in the Iranian Plateau, Pure Appl. Geophys. 2016 Springer International Publishing DOI 10.1007/s00024-016-1285-0m .

**20.** Vaez Shoushtari, A., B. A. Azlan , and **M. Zare**, 2016, On the selection of ground–motion attenuation relations for seismic hazard assessment of the Peninsular Malaysia region due to distant Sumatran subduction intraslab earthquakes; Soil Dynamics and Earthquake Engineering 82, 123–137.

**21.** Vaez Shoushtari A., , A Adnan, **M Zare,** NSH Harith , 2015, Estimation of the maximum credible hazard in Kuala Lumpur and Singapore due to gigantic Sumatran megathrust earthquakes: based on a comparative study on attenuation laws, Natural Hazards, Vol.78, 725-751.

**22.** Ramezani Besheli P., **M.ZARE**, R. Ramazani Umali and G. Nakhaeezadeh, 2015, Zoning Iran based on earthquake precursor importance and introducing a main zone using a data-mining process. Natural Hazards, 10.1007/s11069-015-1745-3.

**23.** Talebi M. **M. Zare,** A. R. Madahi-zadeh and Bali-Lashak, 2015, Spatial-temporal analysis of seismicity before the 2012 Varzeghan, Iran, Mw 6.5 earthquake, Turkish Journal of Earth Sciences, Vol24, 24: © TÜBİTAK doi:10.3906/yer-1410-13, pp.1-13.

**24.** **Zare M.** H. Amini, P. Yazdi, K. Sesetyan, M. B. Demircioglu, D. Kalafat, M. Erdik, D. Giardini, M.A. Khan, N. Tseriteli, 2014, Recent developments of the Middle East catalog, Journal of Seismology, DOI 10.1007/s10950-014-9444-1.

**25.** Vasheghani-Farhani J. and **M. ZARE,** 2014, Site characterizations for the Tehran network (TDMMO) in Tehran region using micro-earthquake, microtremor and quarry blast data, Soil Dynamics and Earthquake Engineering 63 (2014) 235–247.

**26.** Vasheghani-Farhani J., **M. ZARE,** and A. Cichowicz 2014, Microseismicity of the Tehran region based on the data recorded in a local monitoring network: 2004-2010, Episodes Vol. 37, no. 3, pp 206-217.

**27.** Vasheghani-Farhani J. and **M. ZARE,,** 2014, Seismological aspects of the Varzeghan twin Earthquakes on 11 August 2012 (Mw 6.3 and Mw 6.1), in East Azerbaijan province, NW Iran, Episodes Vol. 37, no. 2, pp96-104.

**28.** Esmaeili, B. M. Almasian, **M. ZARE,** R. Alipoor, A. Alizadeh, 2014, Geophysical and geological study on the West Qarchak fault and its implications in seismic hazard, Tehran, Northern Iran, Episodes Vol. 37, no. 2, pp 105-110.

**29.** Asadi Z. and **M. ZARE,** 2014, Estimating magnitudes of prehistoric earthquakes and seismic capability of fault from landslide data in Noor valley (central Alborz, Iran), Natural Hazard, DOI 10.1007/s11069-014-1186-4.

**30.** Mojarab M. , H. Memarian and **M. ZARE,** A. H. Morshedy, M. H. Pishahang, 2014, Modeling of the seismotectonic provinces of Iran using the self-organizing map algorithm, Computers & Geosciences, Vol. 67, 150–162.

**31.** Mojarab M. , H. Memarian and **M. ZARE**, 2014; Performance evaluation of the M8 algorithm to predict M7+ earthquakes in Turkey, Arab Journal of Earth Sciences, DOI 10.1007/s12517-014-1624-3.

**32.** Zahedi-Khameneh A. R. SchererA, and **M. ZARE**, 2013, Non-parametric wave type based model for real-time prediction of strong ground motion accelerogram. Soil Dynamics and Earthquake Engineering, http://dx.doi.org/10.1016/j.soildyn.2013.01.024i.

**33.** Maybodian M. , **M. ZARE,** H. Hamzehloo, A. Peresan, A. Ansari, G. Panza, 2013, Analysis of precursory seismicity patterns in Zagros (Iran) by CN algorithm, Turkish J Earth Sci (2013) 22: TÜBİTAK doi:10.3906/yer-1212-6, pp1-9.

**34.** Karimiparidari, S. **M. ZARE,** H. Memarian and A. Kijko, 2013, Iranian earthquakes; A Uniformed Catalog with Moment Magnitude". Journal of seismology.

**35.** Radan M. Y., H. Hamzehloo, A. Peresan, **M. Zare ,** H. Zafarani, 2013, Assessing performances of pattern informatics method: a retrospective analysis for Iran and Italy, Natural Hazard, DOI 10.1007/s11069-013-0660-8.

**36.** Mohammad P. Shahvar, **M. Zare,** and Silvia Castellaro (2013) A unified seismic catalog for the Iranian plateau (1900-2011); Seismological Research Letter, SRL-D-12-00144R2, . March-April 2013.

**37.** **Zare M.** A. Hashemi, R. Ebadi, S. Amirnejad-Mojdehi, R. Rahmani and A. Sardar, 2013, Tsunami hazard in the shorelines of Khark island (Persian Gulf), Iran, Earthq Sci (2012)25: 299–305, doi:10.1007/s11589-012-0855-1.

**38.** Shahvar , M. P. and **Mehdi Zare**, 2012, The 27 August 2010 Mw 5.7 Kuh-Zar earthquake (Iran): field investigation and strong-motion evidence, Nat Hazards DOI 10.1007/s11069-012-0507-8.

**39.** Reza Alipoora, **Mehdi Zaré,** Mohammad R. Ghassemi, 2012, Inception of activity and slip rate on the Main Recent Fault of Zagros Mountains, Iran, J of Geomorphology, http://dx.doi.org/10.1016/j.geomorph.2012.06.025, [ISI Cited Journal]

**40.** Jamileh Vasheghani Farahani, **Mehdi Zare** and Caro Lucas, 2012, Adaptive neuro-fuzzy inference systems for semi-automatic discrimination between seismic events: a study in Tehran region, JOURNAL OF SEISMOLOGY Volume 16, Number 2 (2012), 291-303, DOI: 10.1007/s10950-011-9270-7, [ISI Cited Journal]

**41.** Jamileh Vasheghani Farahani and **Mehdi Zaré**, 2011, The Southeastern Tehran Earthquake of 17 October 2009 (Mw = 4.0), doi: 10.1785/gssrl.82.3.404, Seismological Research Letters May/June 2011 v. 82 no. 3 p. 404-412. [ISI Cited Journal].

**42.** Jamileh Vasheghani Farahani, **Mehdi Zaré,** Artur Cichowicz, 2012, Attenuation of high-frequency P and S waves in south and southeast Tehran using blast data, Soil Dynamics and Earthquake Engineering, Volume 40, September 2012, Pages 99–108, [ISI Cited Journal].

**43.** **M Zaré** and , S Ghaychi Afrouz, 2012, Crisis Management of Tohoku; Japan Earthquake and Tsunami, 11 March 2011, Iranian J Publ Health, Vol. 41, No.6, Jun 2012, pp.12-20.

**44.** **M. Zaré,** and B. Nazmazar, 2013, Van, Turkey Earthquake of 23 October 2011, Mw 7.2; An Overview on Disaster Management, Iranian J Publ Health, Vol. 42, No.2, Feb 2013, pp. 134-144.

**45.** Maybodian M. **, M. ZARE,** H. Hamzehloo, A. Peresan, A. Ansari, G. Panza, 2013, Scaling of Long-Term Seismicity in Zagros, Iran, Journal of Seismology and Earthquake Engineering, Vol.15, No.2, pp 91-99.

**46.** Mojtaba Naghavi,1 Zaher Hossein Shomali,1 and **Mehdi Zare**, 2012, Lg Coda Variations in North-Central Iran, International Journal of Geophysics. Volume 2012 (2012), Article ID 673506, 7 pages, doi:10.1155/2012/673506 [Scopus Cited Journal].

**47.** Bali Lashak A., **M. Zaré,** Gh. Mortezanejad , Sh. Poubeyranvand, 2010, Moment tensor inversion of nine events in Iran using INSN data, joural of Seismology, DOI 10.1007/s10950-010-9197-4.

**48.** Bali. A. **M. ZARE,** A. Andalib, K. Poubeyramvand, Y. Radan, 2012, A Novel Method for Detection of Seismic Dual-Zones with Application to Earthquake Forecasting, Vol 14, N.1, pp1-12.

**49.** Alipoor, R. M. Poorkermani**; M. Zaré,** and R. E. Hamdouni, 2010, Active Tectonic Assessment around Rudbar Lorestan Dam Site, High Zagros Belt (SW of Iran), Journal of Geomorphology, Manuscript Number: GEOMOR-2011R2, DOI.10.1016/j.geomorph.2010.10.014.

**50.** Alipoor, R., **M. ZARE**, M.R. Ghasemi, 2012, Inception of activity and slip rate on the Main Recent Fault of Zagros Mountains, Iran, Geomorphology, doi:10.1016/j.geomorph.2012.06.025

**51.** Ghasemi, **M. Zaré** and F. Sinaeian, 2009, Smooth Spectra of Horizontal and Vertical Ground Motions For Iran, *ISET Journal of Earthquake Technology, Paper No. 500, Vol. 46, No. 1, March 2009, pp. 1–17*.

**52.** Ghasemi, H., **M. Zaré**, Y. Fukushima and F. Sinaiean, 2009, Applying empirical methods in site classification, using response spectral ratio (H/V): A case study on Iranian strong motion network (ISMN), Journal of Soil Dynamics and Earthquake Engineering, Vol.29, pp.121-132.

**53.** Ghasemi H., **M. Zaré,** Y. Fukushima and K. Koketsu, 2008, An empirical spectral ground-motion model for Iran, J Seismology, DOI 10.1007/s10950-008-9143-x.

**54.** Ghasemi H**., M Zaré** and Y Fukushima, 2008, Ranking of several ground-motion models for seismic hazard analysis in Iran, J. Geophys. Eng. 5 (2008) 301–310.

**55.** **Zaré M,** S. Karimiparidari, and S. Sabzali, 2008, Spectral Attenuation of Strong Motions for Near Source Motions in Iran, Journal of Seismology and Earthquake Engineering, JSEE, Technical Note, Fall 2008, Vol. 10, No.3, pp. 147-152.

**56.** **Zaré, M.** 2007, Spectral Demand Curves Based on the Selected Strong Motion Records in Iran, Journal of Seismology and Earthquake Engineering (JSEE), Vol. 7, No.3. pp.111-123.

**57.** **Zare M.** S. Karimiparidari, MonaLisa, 2007, An investigation on Balakot, Muzaffarabad (Pakistan) earthquake, 8 Oct. 2005, Mw 7.6; geological aspects and intensity distribution, J of Seismology, DOI 10.1007/s10950-008-9120-4.

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**59.** **Zaré M.,** S. Karimi-Paridari, and S. Sabzali, 2008, Spectral Attenuation of Strong Motions for Near Source Motions in Iran, Journal of Seismology and Earthquake Engineering (JSEE), Fall 2008, Vol. 10, No. 3. Technical Note. Pp147-152.

**60.** **Zaré M.** and H. Hamzehloo, Strong Motion study on Bam Earthquake of 26 December 2003, Earthquake Spectra, Special Issue on Bam earthquake, December 2005.

**61.** **Zaré M.** and P.-Y. Bard, 2002, Strong Motion Dataset of Turkey: Data Processing and Site Classification; Journal of Soil Dynamics and Earthquake Engineering (SDEE), Vol22., No.8, Pages 703-718.

**62.** **Zaré, M.** 2002, Doppler Effect Observed on the Recorded Strong Ground Motions in Iran and Turkey by: Journal of Seismology and Earthquake Engineering (JSEE), Vol.4, No. 2 and 3pp.21-36 Summer and Fall 2002.

**63.** **Zaré M.,** P.-Y. Bard and M. Ghafory-Ashtiany, Site Categorization for the Iranian Strong Motion Network, Soil Dynamics and Earthquake Engineering, Elsevier Pub., Vol. 18, no.2, pp. 101-123, 1999.

**64.** **Zaré M**., P.-Y. Bard and M. Ghafory-Ashtiany, The Iranian Strong Motion Data Bank; A Revision and Data Correction, Journal of Seismology and Earthquake Engineering, IIEES Pub., Vol.1, no.1, pp.1-23., 1999.

**65.** **Zaré M.,** An Overview on the Ardebil Iran (23 February 1997) Earthquake, Seismological Research Letters, vol. , pp., 1998.

**66.** **Zaré M**. and A.A.. Moinfar, Comment on the "Rudbar-Tarom Earthquake of 20 June 1990 in NW Persia, a Preliminary Field and Seismological Observations", by: M.Berberian, M.Qorashi, J.A.Jackson, and T.Wallace, Bulletin of the Seismological Society of America (B.S.S.A.), Vol.84, No., pp.484-485., 1994.