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Geomorphologist

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Research Interests

- 1 Coastal Geomorphology Processes**
- 2 Fluvial Geomorphologic Changes of IRAN**
- 3 Methodology in geomorphology**
- 4 Iranian Mountains' Geomorphologic Processes during Quaternary**

Education

- 1 Bachelor : Physical Geography, Tabriz University, Tabriz Iran, 1979
- 2 Master : Physical Geography, Tehran University, Tehran Iran, 1989
- 3 Ph. D : Physical Geography (Geomorphology).

Ph.D. Thesis:

**Analysis of Geomorphic changes in Mountain Regions during Quaternary and their effects on Environmental Management (case: Gamasiab basin, West of IRAN).
Supervisor: Professor F. Mahmoodi, Tarbiat Modares University: Summer 2000.**

Teaching Experience

- 1 Coastal Geomorphology, Postgraduate (Ph. D)
- 2 Fluvial Geomorphology (Ph. D.)
- 3 Geomorphologic Maps interpretation (M.A.)
- 4 Environmental Ecosystems, Post Graduate
- 5 Eco-geomorphology (M.A.)
- 6 Environmental Management , Post Graduate(Ph. D)
- 7 Iranian Geomorphologic Unites and Spatial planning (M.A.)

Books

- 1 *Economics Situation of F. R. GERMANY*, Trading Research Institute, Iranian Ministry of Commerce, 1990,
- 2 *Argentina, an Economic Review*, Trading Research Institute, Iranian Ministry of Commerce, 1988
- 3 *Geography of Europe*, Ministry of Education of Iran, 1989
- 4 *Geography Education Methods*, Ministry of Education of Iran, 1999
- 5 *Report of Geography Curriculum and Education Workshop, TEHRAN*, Ministry of Education of Iran, 1995
- 6 *A Dictionary of Physical Geography*, Madrasah Pub., 6th Edition, 2005.
- 7 *Countries Name Profile*, Kavir Pub. 3rd Ed, 1990,
- 8 *Geography Education Methods*, Shoora Pub, 2004

- 9 *Social Studies Education*, Sohofi Pub. 4th ed, 2002
- 10 *Macro Geography, Modern Geographical Issues of the World*, Madrasah Pub, 2002,
- 11 *"Geography Textbook" for Iranian Pre- University Students*, Ministry of Education of Iran, 2003,
- 12 *On Geography Education*, Madrasah Publications,2004,
- 13 *Encyclopedia of Climate*, Ofogh Pub. ,Tehran , 2013.(translation)
- 14 *Iranian Great Rivers*, in Print.(in Farsi)2018

National & International Journals

- 1 'World fresh waters', *Progress in Geography Education*, No. 2, 1988, (translation).
- 2 'Geography & Geographical thoughts', *Progress in Geography Education*, No. 10, 11, 12, 1989,(translation).
- 3 'Geography Education in SPAIN', *Progress in Geography Education*, No. 3, 1988
- 4 'Geography Education in Austria', *Progress in Geography Education*, No. 6,1989
- 5 'Geography Education in Sweden', *Progress in Geography Education*, 1988.
- 6 'Geography Education in Primary Schools', *Progress in Geography Education*, No. 9,1989
- 7 'Geography Education in Secondary Schools', *Progress in Geography Education*, No. 8, 1989,
- 8 'Balance of Payments in F. R. Germany during 1986', *Iranian Trade Review*, No. 1, 1988,
- 9 'F. R. Germany Import & Export Regulations', *Iranian Trade Review*, No. 2, 1988,
- 10 '(F. R. Germany Economic Review (1', *Iranian Trade Review*, No. 8, 1988,
- 11 , '(F. R. Germany Economic Review (2', *Iranian Trade Review*, No. 9, 1988
- 12 , 'Argentina Economic And Trading Review', *Parts 1, 2, 3 and 4. Iranian Trade Review*, No. 35, 36, 37 and 38, 1987
- 13 , '(Indonesia, an Economic and Trading Review (1) and (2', *Iranian Trade Review*, No. 52-53, 1989
- 14 , 'The Sixth Continent of the Earth, South Pole', *Progress in Geography Education*, No. 13, 1989
- 15 , 'The bedrock and Weathering', *Progress in Geography Education*, No. 14, 15, 1990
- 16 , '(Aeolian Landforms in Arid Lands (1) and (2', *Progress in Geography Education*, No. 17, 18, 1990 (translation).
- 17 'Geographical Knowledge, a Gallup Consideration', *Progress in Geography Education*

- 18 **Earthquake Prediction Possibilities (1) & (2', *Progress in Geography, 1990, ,(translation).***
- 19 **'On Geography Education', *Progress in Geography Education. Parts 1, 2, 3 and 4, in No. 30, 31, 33 and 35, 1992,***
- 20 **'English for Physical Geography Students', *Book review, in Monthly History & Geography Book review, No. 20, Vol. 14, 1988,***
- 21 **, 'Mapping out Geography: An Example of epistemology and Education', *Progress in Geography Education, No. 51 ~ 55, 1999, (translation).***
- 22 **, 'Nahavand Physical Setting & its evolution during Geological times', *Proceedings of first Seminar on Region Recognition, ACI, 1998***
- 23 **'Scientific Report Writing in Geographical Filed Works', *Progress in Geographical Education, No. 44, 1998***
- 24 **, 'Baroodab Alluvial Fan, and Environmental Threat', *Farhang Quarterly, No. 3, A. C. I, 2000***
- 25 **, 'Analysis of deposition and Soil erosion in Nahavond Plain', *Farhang Quarterly Vol. 6. A. C. I, 2000***
- 26 **'Physical Geography of Seas & Oceans', *History & Geography Monthly book review No. 30, 2000,***
- 27 **'Nahavand Physical Boundaries determining by Using DTM & Satellite data', *Farhang Quarterly, No. 8, 2000,translation***
- 28 **, 'Mediterranean Valleys, Physical Geography', *History & Geography Monthly book review. No. 20, 1999.***
- 29 **'Characteristics of Geographical Textbooks', *In Javaneh, Quarterly, Ministry of Education of I. R. of Iran, No. 3. 2002,***
- 30 **Gamasiab Drainage Basin, a suitable & typical basin for Geomorphologic & Hydrologic Education & Field Researches', *(Geographical Researches Quarterly, Mashad), vol.73, 2004'***
- 31 **'Gamasiab Alluvial Fans', *Geographic Researches, Faculty of Geography, University of Tehran , No. 46, 2004***
- 32 **'Global Environmental Outlook, Geo 2000', *Progress in Geography Education ,No 63,2002.***
- 33 **'Formal Environmental Educations in Iranian Geography Textbooks', *Progress in Geography Education Quarterly, No 65, 2003,***
- 34 **'Geomorphologic Evidences on Dating Seimareh Grand Landslide', *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.).vol.8, no 1, 2002***
- 35 **'Climatic Risk possibilities in Roads, Using GIS methods' *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.).vol.9, no 1, Spring 2005***

- 36 **'Sanandaj Road As a Case Study'**, *Modaress Quarterly, University of Tarbiat Modarres (T.M.U.) Vol. 9, no 38, 2005*
- 37 **'Comfort Climatic Conditions: Marivan As a case Study'**, (*Modarres Quarterly, University of Tarbiat Modarres (T.M.U), 2005.*
- 38 **'Modeling As a Technique in Geomorphology'**, *Geographical Researches Quarterly, Meshed, Tom 79,2005*
- 39 **'Hydrological Characteristics of Gamasiab Basin'**, *Farhangian Quarterly, no 17, 2004*
- 40 **'Recognition of Perimeter Border Fluctuations And Draw-up Suspended Materials Scattering Map of Urmia Lake, Using Satellite Data (ETM, TM & LISSIII Sensors'**, *Geographical Researches, Geography Faculty, Tehran University Vol.32, Winter 2007*
- 41 **'Remotely Sensed Data Efficiency on Landform Maps Production and Its Role in Environmental Planning: A case study of SEMNAN'**, *Province of IRAN, in Modarres Quarterly, University of Tarbiat Modarres, Vol. 9. No 4, 2005*
- 42 **'(Geomorphologic Studies in Integrated Coastal Zone Management (ICZM'**, *Port & Sea, SPO. Iran. Vol. 20, No 126-7, 2005,*
- 43 **“Remote Sensing Effectiveness in Hydrocarbon Reservoirs Modeling in Southwest of Iran; Asmari Formation as a Case Study”**, in *Modarres Quarterly, University of Tarbiat Modarres, 2008, “*
- 44 **Explanation of resilience and making indexes for in in Social Risks management (CBDM),in *Spatial Planning, Vol. 2, No Winter, 2010.***
- 45 **Effects and roles of Geomorphologic Landforms on Forming Placers**, *Progress in Geography Education , No3. Spring 2010.*
- 46 **Neotectonic, morphoclimatic and anthropogenic agents analyses in Appearance and Genesis of Alluvial fans (Case study: Garmsar alluvial fan)**, *Journal of geography and environmental planning, Vol.24, No 50 Pp: 75-88, 2011.*
- 47 **Spatial analysis and salinization Geomorphological hazard extraction over the Garmsar alluvial fan**, *Journal of Arid Region Geographical studies – Vol. 2, No 5 pp 47-58, 2011.*
- 48 **“Capacity evaluation of Darab morpho-tourism land forms**, *Journal of Geographical Spatial Planning, Vol. 2, No 4pp 1-17, 2011.*
- 49 **Liquefaction analysis in Seilakhor area**, *Journal of Applied Geographical Science Research – Vol. 18, No 21, pp. 51-68, 2011.*
- 50 **“Geomorphological hazards assessment and mapping over the urban area of Mahneshan”**, *Journal of Applied Researches in Geographical Science - Vol, 13, No 16 Pp 105-126, 2011.*

- 51 **Neotectonic activities evaluation based on geomorphology factors in Paskhan watershed**”- *Journal of Geographical Spatial Planning* –Vol, 1 No 1 pp 37-52, 2011.
- 52 **Geomorphotourism capability evaluation of land forms in Darab area – based on Paralong Method**- *Journal of Arid Region Geographical Studies* - Vol. 1, No 2 pp 73-91, 2011.
- 53 **Relevance assessment between fault length, Magnitude, deformation areas and displacements in Seilakhor area**, *Madres Journal of spatial planning*, Vol, 15 - No 2, 2011.
- 54 **Geo-Hazard vulnerability Assessment of rural settlements in Valasht Area**. *Modares Journal of Spatial Planning*, Vol, 15 - No 1, 2011.
- 55 **An Introduction to Modis and SCMOD Methods for Correction of the Modis Snow Assessment Algorithm**, *Journal of Indian Soc. Remote Sensing*. Vol. 38.No 4 , 2011
- 56 **Evaluation of effectiveness of WOOD indexes for Classification of Arid regions Landforms (Maranjab Region)**. *Modares Journal of Spatial Planning*, - No 1, 2011.
- 56 **Morphological change extraction and measurement over the Kashkan River** , *Journal of Space Geography* – Vol, 13 No 43: Pp. 191-207 , 2012
- 58 **Value added assessment of tourism sites based on Reinard method, (case : Gian hill, Nahavand plain**, *journal of Tourism and development*, n0 2, autumn 2011.
- 59 **The Role of Neo-tectonic on Geomorphologic Evolution at Structural Boundaries in Southern Alborz- Central Iran (Case study: Hable-rud basin)** *Journal of Physical Geography Researches*, No 4 (44) PP.98-81, 2012.
- 60 **Fluvial Processes Hazards in Persian Gulf Coastal Regions, (Case Study: from Kangan port to Boshehr port)**, *Journal of Applied Researches in Geographical Science*, Vol. 12 No , 24 pp 123-138 , 2012.
- 61 **“Evaluation of Potentials Geo-morphotourism of Geomorphologic Landforms (Case study: Corsia Salt Dome, Darab Plain)”** *Journal of quantitative geomorphological researches*, No, 2 pp: 73-86, 2012
- 62 **Accuracy and Correctness Assessment of Geomorphologic Indices by Geodynamic Data (Case Study: Jajroud Catchment Basin, NW Tehran)**, *Geography and Environmental Planning Journal*, 23rd Year, vol. 46, No.2, Summer 2012
- 63 **Settlement and infrastructure vulnerability assessment due to land subsidence Geomorphological hazard in part of South Tehran**- *Journal of Environmental Hazard*, Vol.2 No,5 pp 91-106, 2013

- 64 **A survey on Tectonic effects on Morphometric characteristics and drainage networks of wineglass anticline forms of Dane-Khosk, *Journal of Geographical Researches*,-, No 110- winter 2013**
- 65 **Statistical analysis of sediment rate and river flow fluctuation in Mond Catchment applied for environmental planning –in *Journal of Applied Geomorphology* – Vol, 1 No 2 : pp 37-50, 2014**
- 66 **Sea water hydrodynamic and its effect to costal sand dune formation, a case study of west Mokran Area in south Iran- *Journal of quantitative geomorphological researches*- Vol. 2 No 4 : Pp. 86 104 , 2014**
- 67 **Extraction and assessment of geomorphological phenomena effects due to subsidence in Damghan plain-, *Journal of quantitative geomorphological researches*, 2014**
- 68 **Landslide susceptibility assessment using multiple linear regressions and Artificial neural networks, in the region Jvanrood – Ravansar, *Advances in Environmental Biology*, 8(11), Pages: 393-398. Special 2014**
- 69 **Chaos theory in Fluvial Geomorphology,(Case: Kal river bed Changes- Hormozgan). *Geography and Environmental Planning*, vol.25, no 3, Autumn 2014.**
- 70 **Newly discovered mud volcanoes, Mechanism,Geomorphological and Geochemical characteristics in the Coastal Belt of Mokran, Iran , , *J. Appl. Environ. Biol. Sci.* 5(2) Pp 249-257, 2015**
- 71 **Climatic Exterms effects on Aolian Geomorphic Processes by catastrophic theory approach. *Geographic Research Journal*, vol. 30, no 4. 2015.**
- 72 **Alvand mount Morpholithology and its effect on morphometric and drainage Network. *Journal of quantitative geomorphological researches*, Vol.5, No, winter 2015.**
- 73 **Stabilizing Urban Slopes. A Step On Increasing Safety and Improving Aesthetic Sense of Citizens (Case: Tehran City), *Geographical Research Journal*, Vol. 31, No. 3, Ser. 122, Autumn 2016**
- 74 **Times and the Rivers ,fluvial geomorphology since 1960, in *Progress in Geography Education Quarterly*, No. 113-114, 2016, (translation).**
- 75 **Geomorphology; Explanation of its Research and Studies Methods (Emphasis on Fluvial Geomorphology Studies), *Spatial planning*, Vol.20, No.2, Summer 2016.**
- 76 **Geomorphic classification of Rivers in mountainous basins,)” *Journal of quantitative geomorphological researches*, Vol.6, No, 2 Pp. 133- 147, 2017**
- 77 **Evaluation of environmental Hazards and active Morphogenesis in Karaj_ Chaloos Way. *Geography and environmental Hazards*, Vol. 22,Pp. 1-16,summer 2017**

- 78 Interaction between active tectonics, erosion and diapirism, a case study from Hable-Rud in Southern Central Alborz (Northern Iran), *Geomorphology.no* 300 (77–94.9 2018)

Refereed National Conference Proceedings

- 1 1998, 'Nahavand Physical Settings & its evolution during Geological Times', Proceedings of Region Recognition. ACI
- 2 2001, 'Gamasiab Drainage Basin, a suitable basin for Geomorphologic Field Researches', Proceedings of Region Recognition, ACI
- 3 2004, 'Formal Environmental Educations in Geography Textbooks of Iran', Proceedings of Environmental Educations. Association of Iranian Chemical Engineers. Tehran
- 4 2004, 'Physical Flows in Cities and their Role in Urban Planning Management', University of Tabriz

Editorial Board of Journals

- 1 Geographical Researches, Faculty of Geography, University of TEHRAN
- 2 (Roshd Amozesh-e- Geografia (Progress in Geography Education, Ministry of Education, IRAN
- 3 History & Geography Monthly book review, Ministry of Culture and guidance of Iran
- 4 Kharazmy International Festival, undefined
- 5 Assistant Editor of Modarres Humanities Quarterly , Tarbiat Modares University
- 6 Farhang Quarterly, undefined
- 7 Islamic Republic of Iran Book of the Year, undefined
- 8 Earth Sciences Quarterly, Faculty of Earth Sciences . Shahid Beheshty University

Professional Experiences

- 1 Assistant Professor in Tarbiat Modares University, 09/01/2001
- 2 (Assistant Professor in Tehran University(Part Time, 01/01/1991 - 01/01/2001
- 3 Member of Iranian Geography Society
- 4 Member of Iranian Remote Sensing & GIS Society
- 5 Member of Committee if Geographical terms Selection, Academy of Persian Language 2000.
- 6 Vice President, *Iranian association Of Geomorphology*, since 1999.

- 7 Associate Professor at Tarbiat Modares University since 2015**
- 8 Member of scientific committee of ICOPMAS, International conference since 2006.**
- 9 Head, Dept. of Physical Geography, Tarbiat Modares University(TMU) , Since 2013**

Others

9 Ph.D, supervisor and 15 M .A. thesis supervis in Depts. of Geography and Remote Sensing, Tarbiat Modarres University and other Iranian Universities Since 2001

NAMES AND ADDRESSES OF REFEREES:

Professor. F. MAHMOODY. Dept of Physical Geography, Geography Faculty, University of TEHRAN _

Professor M.Yamani, Dept. of Physical Geography, Tehran University

Professor M.H.Ramesht . Dept of Geography. Esfahan University