



Curriculum Vitae

Morteza Esmailnejad

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Personal

Date of Birth: Sunday, August 24, 1980

Place of Birth: Kashmar, Razavi province, Iran

Education

2012 Ph.D. Sistan & Baluchestan University, Department of Geography and Environmental planning
(defended Thursday, June 14, 2012) Ph.D in Climatology
2005 M.S Sistan & Baluchestan University, Department of Geography and Environmental planning
2003 A.B. (Bachelor) University of Shahid Beheshti, Department of Geography, Faculty of earth
Science

Professional

2004-2006, *Expert Planning and Land use planning*, Management and Planning Organization of Iran
2006-2009, *Research Assistant Professor*, Azad university of zahedan, Iran
2012-2019, *Associate Professor*, University of Birjand, Department of Geography, Birjand, Iran.

Professional affiliations and services

Reviewer

Journal of Geography and Development
Journal of Geographical Space
Journal of Regional urban logistics
Journal of environmental hazards

Professional Organization Member

Iranian Climatological Association
International Association for Urban Climate
Iranian dryness and drought

Ph.D Thesis Title: Identification of Heat Waves of Iran

Supervisors: Professor B. Alijani and Dr M. Khosravi and Professor A. masoodian

Occupations and Experiences:

More than 8 years on GIS and remote sensing Training, nationally, in university and other Institutes.

Conducted some programmers in collaboration with many national institute such as:

- Meteorological Organization: Climate Hazards of south Khorasan.
- Office of Applied Research Police, Heat waves and violence in birjand.



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- Office of Planning county of South khorasan, Land use planning Project of South Khorasan.

Internationally as per follow:

Publication

Pepper-reviewed journal articles

- 2015, Concentration of heavy metals in surface water and sediments of Chah-Nimeh water reservoir in Sistan and Baluchestan province, Iran , journal of Desalination and Water Treatment, USA, (ISI)
- The spatial analysis of heat waves in south east of Iran. A case study sistian and baluchestan, Geographia Technica, (ISI)
- 2017, Effect of Climatic change on spatial distribution of Zoonoses in Iran; A case study: South Khorasan, journal of health scope (ISI) Iran.
- 2013, Climate Changes and the Role of Recent Droughts on Agricultural Economy of Sistan, Romanian Review of Regional studied journal.
- Climate Calendar of Tourism in Iran, Case Study: Sistan and Baluchestan, Journal of Romanian Review of Regional Studies, Vol.x.No, 2, December.
- 2008, Climate Classification in Sistan and Baluchestan with GIS, Journal - Geography Research and Development, Zahedan.
- 2015, The relationship between climate and saffron in Qayenat, IRAN, Journal - Agricultural Research and Technology saffron.
- 2010, Environmental factors influencing the climate of the tourist season, in southern Iran, geography and development.
- 2012, Analytical comfortable regional Tourism Planning, Sistan and Baluchestan, Geography and Regional Development.
- 2012, Identification of heat waves, Geography and Development.
- 2013, Investigation southeast of precipitation synoptic conditions. Climate Research.
- 2016, Evaluation of adaptation to climate change in rural areas south of South Khorasan, journal of natural environmental hazards, Iran.
- 2017, Analysis and ranking of adaptation strategies to climate change from the perspective of local people in Sistan plain, journal of spatial analysis and environmental hazards.
- 2018, Understanding perceptual and adaptation to climate change by the saffron farmers Of the Kashmar plain, Saffron Agronomy and Technology.
- 2018, The Future Challenge of Climatic Refugees Regional Developments Case study: South Khorasan, Geography and development iranain journal
- 2018, Assessing the implications of climate change on food security and rural livelihoods Case Study : Rural Farmers in Migan Nehbandan, Geography.

Book Publication

- 2014, Analysis of Climate Data. Iran.
- 2016, Applied remote sensing and GIS in tourism planning
- 2015, applied bioclimatic indexes in environmental planning



Primary Research Interests

(1) Climate Hazards and climate change attribution; (2) Statistical and time series analysis methods; (3) Heat waves; (4) Climate Diet (5) Climate Modeling (6) Use of climate scenarios to drive process-oriented models of geophysical phenomena (7) Tourism and Climate planning (8) Remote sensing and GIS (9) Urban Climate.

Invited Lectures & Workshops

- Workshop GPS, School of Geography and Environmental Planning, 2011.
- Workshop on Statistical Techniques in Geographical Sciences, Society of Geography, Department of Geography and Environmental Planning, 2011.
- Workshop on Foundations of GIS and mapping software ARCGIS, SID Zahedan center 2009.
- Workshop on GIS and software ARCGIS, Islamic Azad University, Zahedan, capital of, 2009.
- Workshop on GIS and software ARCGIS, Meteorological center of Zahedan, 2008.
- Invited Lecture, Climate applications in environmental planning, Dep. Of Geography, university of

Published in International Conferences Proceedings

2008, Global warming and its impact on water resources security threat to the future of the Middle East, International Conference on the Middle East 2025, Tehran.

2008, the environmental and human security in South Khorasan, the South, the International Conference on Human Security in West Asia, Birjand.

2011, Climate change and its impact on water resources in the Middle East, International Congress of the world Islamic Geographers, University of Sistan and Baluchestan.

2008, climate and Tourism, case: Sistan and Baloochestan Province, Royal Geography Society with IBG Conference, London-England.

Published in National Conferences Proceedings

2012, Identify the location of Sistan and Baluchestan heat waves with the Hot Spot in GIS, the First National Conference on Meteorological Iran.

2013, Environmental and safety hazards, heat waves in the South, the National Congress of South Khorasan, order and security.

2012, Create a GIS tourism Qeshm, Qeshm and prospects of development Conference

2007, Provide small wind systems for residential and agricultural Case Study of Sistan and South Khorasan, the first national conference on wind energy and its application, Zabol.

2005 Zoning drought in South Khorasan and study its environmental consequences, and strategies to cope with drought Conference, Birjand.

2013, Assessment of human comfort in Birjand efficiencies due to climatic factors, the first national conference on sustainable architecture and urban spaces, Mashhad.

2015, the feasibility of ecotourism in Sistan and Baluchistan province, Land planning in the Third Millennium Congress emphasized the southeast of Iran, Zahedan.

Expert

- Environmental Hazards
- Remote sensing (Envi Software)
- GIS (Arc GIS 10.2 software)
- Statistics (Spss and minitab software)
- Climate modeling (Lars-Wg, SDSM..)
- Climate software such as: Bioklima, crop wat, smada.....
- General skills in research project management and data climate analysis.



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Computing Skills:

- Applications: Microsoft Office Suite, Internet Explorer,
- Operating Systems: Windows Vista, Windows XP

Referees

Professor Bohlul Alijani Department of Geography University of Kharazmi Tehran, Karaj, university of Kharazmi Bralijani@Gmail.com	Professor Abolfazl Masoodian Department of Geography University of Esfehan Esfehan, university of Esfehan porcista@yahoo.ie	Professor Mahmood Khosravi Department of Geography University of Zahedan Zahedan, university of Zahedan khosravi@hamoon.usb.ac.ir
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