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Current Position

Associate Professor, University of Sistan and Baluchistan, Zahedan, Iran

Education

PhD, Physical Geography (Climatology), Kharazmi University, 2009 → 2014
MSc, Physical Geography (Climatology), Shahid Beheshti University, 2003 → 2005
BSc, Physical Geography, Kharazmi University, 1999 → 2003

Academic Experience

Associate Professor, University of Sistan and Baluchistan, Zahedan, Iran, 2021 (Oct) - present.
Assistant Professor, University of Sistan and Baluchistan, Zahedan, Iran, 2015 - 2021.

Honors & Awards

Selected Grants & Projects

Editorial

Publications

Citation: 142, *h*-index: 8 ([Google Scholar](#))

Citation: 61, *h*-index: 3 ([Scopus](#))

- 40- Esmailnejad, M., and **Hamidianpour, M.** (2022). *Investigating the Living Experience of Smallholder Farmers and Climate Risk Adaptation Strategies Case study: Qaenat saffron farmers*. *Journal of Saffron Research*. 9(2): 366-380 doi: 10.22077/jsr.2021.4386.1161. ([In Persian](#))
- 39- Alimoradi M, Baaghideh M, Endear A, **Hamidianpour M**, and Aminirad T. (2022). *Investigation of the effect of physical parameters of seawater on the health of branching corals in Chabahar Bay*. *Journal of Oceanography (JOC)*. 13 (51):31-0 URL: <http://joc.inio.ac.ir/article-1-1634-fa.html>. ([In Persian](#))
- 38- **Hamidianpour M**., Amir Jahanshahi S.M., Kaskaoutis D.G., Rashki A., and Nastos P.G., (2021). Climatology of the Sistan Levar wind: Atmospheric dynamics driving its onset, duration and withdrawal, *ATMOSPHERIC RESEARCH*. 260 105711-105751. <https://doi.org/10.1016/j.atmosres.2021.105711>. (In English)

- 37- Namrodi, M., **Hamidianpour M.**, and Poodineh, M.R. (2021). *Spatio-temporal analysis of changes in heat and cold waves across Iran over the statistical period 1966-2018*, Arabian Journal of Geosciences. 14 1-14. <https://doi.org/10.1007/s12517-021-07161-9>. (In English)
- 36- Karimi S., Nazaripour H., and **Hamidianpour M** (2021). *Spatial and temporal variability in precipitation extreme indices in arid and semi-arid regions of Iran for the last half-century*. Journal of the Hungarian Meteorological Service. 125(1): 83-144. DOI: 10.28974/idojaras.2021.1.4. (In English)
- 35- Alimoradi, M., Baaghideh, M., entezari, A., and **Hamidianpour, M.** (**Articles in Press**), Evaluation of the effect of physical parameters of seawater on the health of Chabahar Bay massive corals based on climatic parameters. Journal of Natural Environment, (**Articles in Press**), -. DOI: 10.22059/jne.2021.319295.2169. (In Persian)
- 34- Alimoradi M, Baaghideh M, Entezari A, **Hamidianpour M**, Aminirad T, and Mahdi Abkenar A. (2021). *Evaluation of health trends of relocated corals in Chabahar Bay by Coral Watch and Line Intercept Transect method based on climatic parameters*. Iranian Scientific Fisheries Journal (isfj). 30 (4):107-117. URL: <http://isfj.ir/article-1-2483-fa.html>. (In Persian)
- 33- Hamidianpour, M.**, Nazaripour, H, Khosravi, M, and Vazirimehr, M. (**Articles in Press**). *The future of date palm cultivation in the arid and extra-arid regions of southeastern Iran based on climate change scenarios*. Regional Planning, doi: 10.30495/jzpm.2021.4619. (In Persian)
- 32- zamani, Y., Hashemi Monfared, S., Azhdary Moghaddam, M., and **Hamidianpour, M.** (**Articles in Press**). *Saffron and Climate Change; Assessment of the Saffron Water Requirement Changes Using the Smart Algorithms*. Journal of Saffron Research. doi: 10.22077/jsr.2021.4531.1165. (In Persian)
- 31- Zamani, Y., **Hamidianpour, M.**, Hashemi Monfared, S., and Azhdari moghaddam, M. (2021). *Evaluation of the effects of cotton cultivation on the supply and demand of water resources in the southeastern regions of Iran under climate change scenarios*. Iranian Journal of Cotton Researches, 9(1), 23-44. DOI: 10.22092/ijcr.2021.353457.1164. (In Persian)
- 30- Delaram R, Fotohi S, **Hamidianpoor M**, and Salari M. (**Articles in Press**). Investigating the Land Subsidence Rate in Tous, Mashhad Plain, Using the DInSAR Technique. Journal of Applied researches in Geographical Sciences. URL: <http://jgs.knu.ac.ir/article-1-3809-fa.html>. (In Persian)
- 29- Dadrasmoghadam, A., Hosseini, S., **Hamidianpour, M.**, Sayahi, M. (2021). *The effect of climatic and economic factors on the tourism industry in different regions of Iran (with the method of Dynamic Ordinary Least Squares and Generalized Method of Moment in the period (2008-2018)*. Journal of Natural Environment, 74(1), 41-54. doi: 10.22059/jne.2021.313379.2114. (In Persian)
- 28- Rahi Zehi H, Khosravi M, **Hamidianpour M**. (2021). *The Spatio-Temporal Variations of Aerosol Concentration Using Remote Sensing in Sistan and Baluchestan Province (2018 - 2000)*. Journal of Spatial Analysis Environmental hazards (jsaeh). 8 (1):79-92. URL: <http://jsaeh.knu.ac.ir/article-1-3095-fa.html>. (In Persian)
- 27- Jahanshahi, R., Mali, S., and Hamidianpour, M. (**Articles in Press**). *Forecasting the flooding in the site of the Zabol gas transmission line, in the Hamoun Wetland, using climate change and hydrological models*. Hydrogeology. (In Persian)
- 26- Abdollahi S, Fotoohi S, and **Hamidianpour M**. (2020). The Role of Playa Tabas Messina in the Dust of Sistan Region with Rely on the role of Sistns,s Wind of 120 days. Arid Regions Geographic Studies. 10 (39):52-65 URL: <http://journals.hsu.ac.ir/jarhs/article-1-1568-fa.html>. (In Persian)
- 25- Sarani, H., **Hamidianpour, M.**, and Tayebnia, S. (2021). *Rural Attitudes toward Climate Change and Adaptation Strategies (Case Study: Hirmand Villagers)*. Journal of Studies of Human Settlements Planning, 16(2), 365-378. (In Persian)
- 24- Khaleghi, M., Savari A., Safahieh, A., **Hamidianpour M**, Ghaemmaghami S. (2020). *Estimation of biomass, carbon stocks and soil sequestration of Gowatr mangrove forests, Gulf of Oman*. Iranian Journal of Fisheries science (IJFS). 19 (4):1657-1680. DOI: 10.22092/ijfs.2020.121484. (In English)
- 23- Zamani, Y., Hashemi Monfared, S., Azhdari moghaddam, M. **Hamidianpour** (2020). A comparison of CMIP6 and CMIP5 projections for precipitation to observational data: the case of Northeastern Iran. Theor Appl Climatol 142, 1613–1623. <https://doi.org/10.1007/s00704-020-03406-x>. (In English)
- 22- Kamali, A., Khosravi, M. and **Hamidianpour, M.** (2020). Spatial-temporal analysis of net primary production (NPP) and its relationship with climatic factors in Iran. Environ Monit Assess 192, 718. <https://doi.org/10.1007/s10661-020-08667-7>. (In English)
- 21- Kefayat Motlagh, O., Khosravi, M., Masoodian, S., Keykhosravi Kiani, M., **Hamidianpour, M.** (2020). *Analysis of Long-Term Mean of Red Band Albedo in Iran*. Physical Geography Research Quarterly, 52(1), 85-94. doi: 10.22059/jphgr.2020.284888.1007413. (In Persian)
- 20- Salari Fanoodi, M., Khosravi, M., Tavousi, T., **Hamidianpour, M.** (2020). *Evaluation and comparison of the accuracy of the CORDEX database's summer precipitation network data with station data (Case study: summer precipitation of South East of Iran)*. Journal of Climate Research, 1399(43), 15-32. (In Persian)
- 19- Khazai E., Poodineh M.R., Hamidianpour, M. (2020). *Investigating the Effects of Climate Change on Runoff in the Caravan River*. Geography. 17(63), 162-178. (In Persian)
- 18- Zamani, Y, Hashemi Monfared, A., **Hamidianpour, M.**, and Azhdary Moghaddam M. (2019). *The Changes in Sectors Demanding Water Resources on the Basis of Climate Change and Uncertainty*. The International Journal of Climate Change: Impacts and Responses 11 (4): 15-31. doi:10.18848/1835-7156/CGP/v11i04/15-31. (In English)
- 17- khaleghi, M., Savari, A., Safahieh, A., **Hamidianpour, M.**, Ghaemmaghami, S. (**Articles in Press**). *Estimation of production and carbon stock of Gowatr mangrove forests, Gulf of Oman using PnET-CN model*. Journal of Marine Science and Technology, doi: 10.22113/jmst.2020.217237.2346. (In Persian)

- 16- Poodine, E., Salahi, B., Khosravi, M., **Hamidianpour, M.** (2018). *Trend analysis of maximum wind speeds of Sistan 120 days wind using Mann-Kendall and Sens Estimators slope tests*. Journal of Environmental Sciences and Technology. 128-1149. (In Persian)
- 15- Kefayat Motlagh, O., Khosravi, M., Masoodian, A., Kiani, M., **Hamidianpour, M.** (2019). *The Tempo-Spatial Variations of Outgoing Longwave Radiation (OLR) in Iran (1988-2017)*. Iranian Journal of Geophysics, 13(2), 73-85. (In Persian)
- 14- Mohamadyariyan M, Tavousi T, khosravi M, **Hamidiyanpour M**. (2019). *Zoning of Iranian Heavy Precipitation Regime*. GeoRes. 34 (2):183-192 .URL: <http://georesearch.ir/article-1-612-fa.html>. (In Persian)
- 13- Hamidianpour, M.** (2019). *Evolution of the structure of the atmospheric circulation patterns during the snowfall in the dry region (Case: Semi-Eastern Iran)*. Journal of Natural Environmental Hazards, 8(19), 243-262. doi: 10.22111/jneh.2019.23371.1362.
- 12- Goharnia, A., khosravi, M., **Hamidianpour, M.** (2019). *The Feasibility Study of Constructing Wind Power Plants in the North of Sistan and Baluchestan Province from a Climatological and Environmental Point of View*. The Journal of Geographical Research on Desert Areas, 6(2), 1-20. doi: 10.29252/grd.2018.1471. (In Persian)
- 11- Poudineh, E., Salahi, B., Khosravi, M. **Hamidianpour, M.** (2018). Trend analysis of maximum wind speeds of Sistan 120 days wind using Mann-Kendall and Sens Estimators slope tests. *Researches in Earth Sciences*, 9(2), 114-128. doi: 10.29252/esrj.9.2.114.
- 10- Khosravi, M., **Hamidianpour, M.**, Kordi Tamin, S. (2016). *A Study of Tempo Spatial Variation of Pakistan Low Pressure*. *Journal of Climate Research*, 1395(27), 25-42. (In Persian)
- 9- Tavousi T, **HamidianPour M**, Dahani R. A (2017). *Study of Temporal Variations and Spatial Analysis of Thunderstorms and their relation with ENSO*. jsaeh. 4 (3):17-34. URL: <http://jsaeh.knu.ac.ir/article-1-2747-fa.html>. (In Persian)
- 8- Hamidianpour M**, Mofidi A, Saligheh M, Alijani B. (2016). *The role of topography on the simulation of Sistan wind structure in the east of Iranian Plateau*. Journal of Applied researches in Geographical Sciences. 16 (43):25-53 URL: <http://jgs.knu.ac.ir/article-1-2711-fa.html>. (In Persian)
- 7- Hamidianpour M**, Mofidi, A., Salighe, M. (2016). *Analysis of the nature and structure of Sistan wind*. Iranian Journal of Geophysics, 10(2), 83-109. (In Persian).
- 6- Hamidianpour, M.**, Baaghideh, M., Abbasnia, M. (2016). *Assessment of the Precipitation and Temperature Changes over South East Iran Using Downscaling Of General Circulation Models Outputs*. Physical Geography Research Quarterly, 48(1), 107-123. doi: 10.22059/jphgr.2016.57030. (In Persian).
- 5- Ghandhari, G., Soltani, J., **Hamidianpour, M.** (2015). *Evaluation of Optimal Water Allocation Scenarios for Bar River of NeishabourUsing WEAP Model Under A2 Climatic Changes Scenario*. Water and Soil, 29(5), 1158-1172. doi: 10.22067/jsw.v29i5.32686. (In Persian).
- 4- Mofidi, A., **HamidianPour M**, Saligheh, M., Alijani, B. (2014). *Determination of the Onset, Withdrawal and Duration of Sistan wind using a Change Point Approach*. Journal of Geography and Environmental Hazards, 2(4), 65-86. doi: 10.22067/geo.v0i0.25026. (In Persian).
- 3- Sadeghi A., Hejazizadeh, Z., **Hamidianpour, M.**, Pourdarbandan R. (2014). *The Estimation of Drought and Wet Year Probability by Applying SPI and Marcov Chain (case study: Tehran)*, Geographic Space, 13(43), 65-81. <https://www.magiran.com/paper/1221336?lang=en>. (In Persian).
- 2- Hamidianpour M**, Salighe, M. Fallah Ghalhor, G.A. (2014). *Applying Types of Interpolation Methods for Spatial Analysis and Monitoring of SPI Drought Case study: Khorasan Razavi Province*. Geography and Development, 11(30), 57-70. doi: 10.22111/gdij.2014.242. https://gdij.usb.ac.ir/article_242.html?lang=en. (In Persian).
- 1- Hamidianpour M**, Alijani, B. Sadeghi A., (2010). *Identifying the synoptic patterns of heavy precipitations in north east of Iran*. Arid Regions Geographic Studies. 1 (1):1-16 URL: <http://journals.hsu.ac.ir/jarhs/article-1-18-fa.html>.

Conference Papers, Presentations and Abstracts

In English

Mahmoudi P., **Hamidianpour M.**, Sanaei M., daneshmand Nima (2019). Investigating the trends of drought severity changes in Iran, *International Conference on Climate change, Impacts, adaptation and Mitigation, Kharazmi University, Tehran, Iran*, Jun 11 2019.

Hamidianpour M. and Ghanbari S. (2018). A study of Effect of Climate Change on Resilience and Human Health Using Bioclimatic Indicators. *The 2nd International Conference on Climate Change. Colombo, Sri Lanka*. DOI: 10.17501/iccc.2018.2101.

In Persian

Shoja F. and **Hamidianpour M.** (2022). Projection of the Consequences of Climate Change on Tourism Temporal Patterns in the Coastal Region of Chabahar. *In 5th. International Conference on the Persian Gulf Oceanography. Tehran, Iran*. 24-25 Jan. 2022.

- Esmailnejad, M., and **Hamidianpour, M.** (2022). Green tourism, strategies of local communities against climate change (A case study: part of rural settlements in the desert areas of Lut). *2nd International Conference on Lut Desert and, Tourism. Zahedan, Iran.* 29th – 30th April 2021.
- Vazirimehr M., Nazaripour H., and **Hamidianpour M.** (2022). Application of GIS-Based Techniques in Evaluation of Lut Desert Ecotourism Sites in Iran Based on Environmental and Climate Components. *2nd International Conference on Lut Desert and, Tourism. Zahedan, Iran.* 29th – 30th April 2021.
- Fotoohi S., **Hamidianpour M.** and Pourniakan K. (2022). Potential Study of Tourism attractions the World heritage of Lut desert in the Province Of Sistan and Baluchestan. *2nd International Conference on Lut Desert and, Tourism. Zahedan, Iran.* 29th – 30th April 2021.
- Ostadmohoodi, H., **Hamidianpour M.** and Nazaripour H. (2022). Assessment of bioclimatic comfort conditions based on PET and PMV On the southeastern edge of the Lut Desert. *2nd International Conference on Lut Desert and, Tourism. Zahedan, Iran.* 29th – 30th April 2021.
- Salari Fanoodi, M., Khosravi, M., Tavousi, T., **Hamidianpour, M.** (2019). Comparison and evaluation of accuracy of CMIP5 model data with observational and NCEP data (Case study: Southeastern Iran). *6th Regional Conference of Climate change. Tehran, Iran.* 18-19 Nov 2019.
- Hamidianpour M.** and Khosravi M. (2019). Global warming indications in spring precipitation in western Iran. *6th Regional Conference of Climate change. Tehran, Iran.* 18-19 Nov 2019.
- Rahi Zehi H, Khosravi M, **Hamidianpour M.** (2019). Temporal-Spatial Analysis dust Density in Sistan and Balouchestan Using Remote Sensing and GIS (Case Study: August 12, 2008). *Ind International Conference Dust Storm in Southwestern Asia. Zabol, Iran.* 23th and 25th April 2019.
- Hamidianpour M.** (2018). An overview of Sistan wind and Climate Change Effects on it. *Second National Iranian Climate Conference. Mashhad, Iran.* 9 May 2018.
- Hamidianpour M.**, Ghasemi S., and Ghasemi N. (2018). Low carbon city as an effective strategy against climate change .*Second National Iranian Climate Conference. Mashhad, Iran.* 9 May 2018.
- Zamani Y., **Hamidianpour M.**, and Mirshekar H. (2017). Meeting Water Needs Environment by Managing Water Resources and Evaluating Different Scenarios (Case Study of the Former Balouchestan Basin South). *Second National Conference on Hydrology of Iran. Shahrkord, Iran.* 11 and 12 July 2017.
- Ghareloo R., Alijani B., Fatahi E., **Hamidianpour M.** (2017). Investigation of climate change of Karaj synoptic station in the period 2010-2010 using statistical Downscaling. *First International Conference on Climate Change. Tehran, Iran.* 27 and 28 Feb. 2017.
- Hamidianpour M.** Nabizadeh A.A., (2017). Detection of Climate Changes of the Mashhad city in the past 65 years with emphasizing on health, agriculture, food security and water resources. *First International Conference on Climate Change. Tehran, Iran.* 27 and 28 Feb. 2017.

Teaching Experience