



## Sharif Joorabian Shoshtari

Assistant Professor

College: Faculty of Agriculture

### Education

Degree	Graduated in	Major	University
BSc	2009	Natural Resources Engineering-Environment	Yazd University
MSc	2012	Natural Resources Engineering-Environment	Tarbiat Modares University
Ph.D	2017	Natural Resources Engineering-Environment	Malayer University
Post Doctoral	2021	Natural Resources Engineering-Environment	Zanjan University

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	6

### Awards

1 ranks in national Bachelor's degree exam of Natural Resources Engineering-Environment in Iran ([National Organization of Educational Testing](#), 2007).

Winner of Annual Academic Award of the Elite National Foundation (2016-2017).

Top student (GPA: 18.44/ 20. **Class rank: 1<sup>nd</sup>**). Yazd University. 2009. Iran.

Top student (GPA: 18.49/ 20 (A). **Class rank: 2<sup>nd</sup>**). Tarbiat Modares University. 2012. Iran.

## Subjects Taught

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Environmental Impact Assessment

Land Use/Land Cover Change Modeling

Water Quality Modeling

Climate Change Modeling

Ecosystem Services Modeling

## Papers in Conferences

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1. Joorabian Shooshtari, S., Onodera, S. Shimizu, Y. ,A comparative analysis in modeling surface runoff under climate and land use change in two catchments in Iran and Indonesia ,Japan Geoscience Union ,2021 6 6.

## Papers in Journals

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1. Joorabian Shooshtari, S., Jahanishakib, F., Ardakani, T. Calibration and Economic Evaluation the Water Yield Ecosystem Services in the Basins of Eastern Border of Country. Iran-Water Resources Research. ۲۰۲۳ ۰۹ ۲۷.
2. Joorabian Shooshtari, S. Land cover change modeling using hybrid approach and remote sensing data. Geography and Environmental Sustainability. ۲۰۲۳ ۰۷ ۰۹.
3. Sharif Joorabian Shooshtari, Tahereh Ardakani, Hadise Beik Khormizi, Modeling future sediment retention service in the Bagh-e-Shadi Forest protected area using InVEST and the ACCESS-ESM1-5 climate model, Scientific Reports, 2025 01 27.
4. Rasool Zamani , Ahmadmahmoodi, Samira Bayati, Khodayar Abdollahi, Davood Mafi , Gholami, Sharif Joorabian Shooshtari, Nasrin Gharahi, Arezou Raeisi , bidekani, Jose Antonio Rodr guez Mart n & Seyedeh Samira Soleimanipour, Water quality and eutrophication status of the Zarivar Wetland (Iran), Applied Water Science, 2025 01 11.
5. Sharif Joorabian Shooshtari, Fatemeh Jahanishakib, Estimating the severity of landscape degradation in future management scenarios based on modeling the dynamics of Hoor Al-Azim International Wetland in Iran-Iraq border, Scientific Reports, 2024 24 05.
6. Joorabian Shooshtari, S., Abdollahzadeh, E., Esmaili, & Sari, A., Ghasempouri, S. M., A review of mercury contamination in representative flora and fauna of Iran: seafood consumption advisories, Journal of Hazardous Materials Advances, 2023 5 5.
7. Jaber Aazami, Sharif Joorabian Shooshtari, Update data of the Iranian wetlands (2023), Journal of Applied Research in Water and Wastewater, 2023 14 10.
8. Joorabian Shooshtari, S., Aazami, J., Prediction of the dynamics of land use land cover using a hybrid spatiotemporal model in Iran, Environmental Monitoring and Assessment, 2023 06 07.
9. Rafiei Sardooi, E., Azareh, A., Joorabian Shooshtari, S., Parteli, E., Long-term assessment of land-use and climate change on water scarcity in an arid basin in Iran, Ecological Modeling, 2022 5 5.
10. Kazemi, A., Esmaeilbeigi, M., Sahebi, Z., Joorabian Shooshtari, S., Hydrochemical evaluation of groundwater quality and human health risk assessment of trace elements in the largest mining district of South Khorasan, Eastern Iran, Environmental Science and Pollution Research, 2022 23 6.
11. Joorabian Shooshtari, S., Shayesteh, K., Gholamalifard, M., Azari, M., L pez , & Moreno, J.I., Responses of surface water quality to future land cover and climate changes in the Neka River basin, Northern Iran, Environmental Monitoring and Assessment, 2021 6 11.
12. Mirzaei, M., Jafari, A., Riyahi Bakhtiari, A., Mohebbi, S., Joorabian Shooshtari, S., oureshjani, H.K., Configurationally analysis of relationships between land-cover characteristics and river water

- quality in a real scenario, *International Journal of Environmental Science and Technology*, 2020 10 10.
13. Mirzaei, M., Jafari, A., Gholamalifard, M., Azadi, H., Joorabian Shooshtari, S., Moghaddam, S.M., Gebrehiwot, K., Witlox, F., Mitigating environmental risks: Modeling the interaction of water quality parameters and land use cover, *Land Use Policy*, 2020 06 15.
  14. Joorabian Shooshtari, S, Silva, T., Raheli, & Namin, B., Shayesteh, K., Land Use and Cover Change Assessment and Dynamic Spatial Modeling in the Ghara-su Basin, Northeastern Iran, *Journal of the Indian Society of Remote Sensing*, 2019 10 22.
  15. Joorabian Shooshtari, S., Shayesteh, K., Gholamalifard, M., Azari, M., López, & Moreno, J.I., Land cover change modelling in Hyrcanian forests, northern Iran: a landscape pattern and transformation analysis perspective, *Cuadernos de Investigación Geográfica*, 2018 09 15.
  16. Joorabian Shooshtari, S., Shayesteh, K., Gholamalifard, M., Azari, M., Serrano, Notivoli, R., López, Moreno, J.I., Impacts of future land cover and climate change on the water balance in northern Iran, *Hydrological Sciences Journal*, 2017 11 27.
  17. Joorabian Shooshtari, S., Gholamalifard, M., Scenario-based land cover change modeling and its implications for landscape pattern analysis in the Neka Watershed, Iran, *Remote Sensing Application: Society and Environment*, 2015 07 15.