

Curriculum Vitae

Iman Islami

Personal Information



Position & Address Assistant Professor, Rangeland Management Department, Faculty of Natural Resources and Marine Sciences, Tarbiat Modares University (TMU), Noor 46417-76489, Mazandaran Province, Iran.

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Academic Background

- **PhD: Gorgan University of Agricultural Sciences and Natural Resources, Iran, 2017.**
- **MSc: University of Tehran: Natural Resources Engineering, Iran, 2009.**

Research interests

- Socioeconomic Studies in Natural Resources Management and Environmental sciences.
- Social-ecological Systems and Policy.
- Development and sustainability.
- Environmental Conservation.
- Social Network and Stakeholders Analysis.
- Collaborative Governance, Resilience and Adaptability.

Chapter Book

Islami, I. (2021). Social Network Analysis of Collaborative Management: Assessment of Human Network Stability in Water Resources Management of Iran. In *Water Resources in Arid Lands: Management and Sustainability* (pp. 307-315). Springer International Publishing.
https://doi.org/10.1007/978-3-030-67028-3_26

Papers

- **Islami, I., Ghanbari, F., Azadi, H., (2023).** Performance of Decision-Making Centers in the Perspective of Polycentric Governance Systems: Addressing the Power Gap Centered on Climate Entrepreneurs (2023). *Climate and Development*, Accepted for publication.

- **Islami, I.**, Azadi, H., Flores Díaz, A. C., & Sarvi Sadrabad, H. (2023). Collaborative water management through revitalizing social power relationships: a social network analysis of Qanat stakeholders in Iran. *Irrigation Science*, 1-14. <https://doi.org/10.1007/s00271-023-00856-9>
- Daneshi, A., Azadi, H., Panahi, M., **Islami, I.**, Vafakhah, M., & Mirzaeipour, Z. (2023). The monetary facilities payment for ecosystem services as an approach to restore the Degraded Urmia Lake in Iran. *Environmental Science and Pollution Research*, 1-22. <https://doi.org/10.1007/s11356-023-26134-x>
- Nalivan, O. A., Badehian, Z., Sadeghinia, M., Soltani, A., **Islami, I.**, & Boustan, A. (2022). A step beyond susceptibility: an adaptation of risk framework for monetary risk estimation of gully erosion. *Natural Hazards*, 1-24. <https://link.springer.com/article/10.1007/s11069-021-05110-z>
- **Islami, I.**, Jalali, M. (2023). Analysis of adaptability the indigenous knowledge of water management with the indicators of good governance in the process of sustainable development (Stakeholders of Abarsaj village in Semnan province). *Iranian Journal of Range and Desert Research*, 29 (3), 241-250. <https://www.magiran.com/paper/2496327?lang=en>
- **Islami, I.**, Farajollahi, A., & Ghasemi Aryan, Y. 2021. Improving rural livelihood based on natural resource potentials in Najafabad region, Kurdistan province, Iran. *ECOPERSIA*, 9(4), 251-263. <https://ecopersia.modares.ac.ir/article-24-48646-en.html>
- Arabi, M. H. G., Sinkakarimi, M. H., Ahmadpour, M., **Islami, I.**, & Hapeman, P. 2021. Trace element concentrations in water and *Clupeonella cultriventris caspia* in the Southern Caspian Sea and Assessment of Potential Risk to Human Health. *Biological Trace Element Research*, 1-10. <https://pubmed.ncbi.nlm.nih.gov/33694126/>
- **Islami, I.**, Sarvi Sadrabad, H., Tabatabaei, H., & Rahmani, M. 2021. Evaluating the effect of social education on the development of participatory communication in the local community with the aim of protecting environmental water resources (case study: Stakeholders of Khezrabad Qanat in Yazd). *Environmental Sciences*. https://envs.sbu.ac.ir/article_100743.html?lang=en
- Farajollahi, A., **Islami, I.**, & Ashtari Mehrjardi, A. 2021. Analysis of the relationship between economic poverty and degradation of natural resources. *Journal of Social Problems of Iran*, 11(2), 341-361. https://jisp.ut.ac.ir/article_82689.html?lang=en
- Farajollahi, A., & **Islami, I.** 2021. Analysis of the Impact of Ecotourism on Capitals of Rural Livelihoods in the Sustainability Framework (Case Study: Palangan Village of Kurdistan). *Journal of Range and Watershed Management*, 73(4), 832-842. https://jrwm.ut.ac.ir/article_80539.html?lang=en
- Islami, I. 2020. Assessment of the Network of Social Trust Structures Based on Network Analysis Method: Study of Local Stakeholders of Rangelands-Yazd Province. *Journal of Rural Research*, 11(3), 454-465. <https://doaj.org/article/44b074bce1124dd9abb859ff16624394>
- Karimi Sangchini, E., & **Islami, I.** 2020. Comprehensive assessment and prioritization of factors threatening the biodiversity of Choghakhor international wetland. *Iranian Journal of Range and Watershed Management*, 73(3), 571-585. https://jrwm.ut.ac.ir/article_79137.html?lang=en
- **Islami, I.**, Sadoddin, A, Barani, H, Asgharpourmasoule, A, Akhbari, M, 2018, Analytical network process to prioritize the influencing parameters on local participation: The development of

livestock drinking water resources, *Industrial Engineering and Management Systems* 17(2), 318-326. <http://www.iemsil.org/journal/article.php?code=62290>

- **Islami, I.**, Sadoddin, A, Barani, H, Asgharpourmasoule, A, Akhbari, M, 2017, Modeling socio-ecological structure of local communities participation for managing livestock drinking water using the agent-based approach, *Applied Ecology and Environmental Research*,15(3),1173-1192. http://www.aloki.hu/pdf/1503_11731192.pdf
- Karimi Sangchini, E, **Islami, I.**, Farajollahi, A, Arami, S.A. 2017, Development and prioritization of socio-economic strategies to elevate public participation in natural resource management using TOPSIS approach; Case Study: Chaharmahal and Bakhtiari Province (Iran). *Journal of Applied Sciences & Environmental Management*, 21(3), 476-485. <https://www.ajol.info/index.php/jasem/article/view/158810>
- **Islami, I.**, Rafiee, H., 2014, An Economic Estimation of Water Consumption Sensitivity in Modern Cultures in Arid Regions of Iran: A Case Study of Greenhouse Owners in Yazd Province, *International Bulletin of Water Resources & Development (In Persian)*, II (01), SN. (04)- (Special Issue). <http://www.magiran.com/view.asp?Type=pdf&ID=1399332&l=en>
- **Islami, I.**, Ghorbani, M. and Jafari Shalamzari, M., 2013. Identification and prioritization factors influencing agricultural water price index from farmers' viewpoint in Charkhab Village, Yazd Province. *DESERT*, 17 (2013), 161-167. https://idesert.ut.ac.ir/article_32032_b769c9cadfaab4d0ce6be6e1eb8ba2fa.pdf
- **Islami I.**, Vesali, S. A., Jafari Shalamzari, M., 2012, Necessity of management and water productivity in arid regions (Case study: Yazd province), *International Journal of AgriScience*, 2(5), 414-422. <http://agris.fao.org/agris-search/search.do?recordID=DJ2012072975> https://www.researchgate.net/publication/317561011_Necessity_of_management_and_water_productivity_in_arid_regions_Case_study_Yazd_province
- **Islami, I.**, Mehrabi, A.A, Zehtabian, Gh., Ghorbani, M., 2011, "Estimate of agricultural water demand & water consumption optimality evaluation in pomegranate arbors in Yazd province", *Journal of Range and Watershed Management, Iranian Journal of Natural Resources (In Persian)*, University of Tehran, 66 (4), 44-50. <http://www.sid.ir/En/Journal/ViewPaper.aspx?ID=503034>
- **Islami, I.**, Mehrabi, A.A, Ekhtesasi, M.R., Zehtabian, Gh., Zarechahouki, A., 2010, "Study of water ownership system evolution trend, irrigation cycle and costs of well in Yazd province", *Journal of Range and Watershed Management, Iranian Journal of Natural Resources (In Persian)*, University of Tehran, 63(3). <http://www.sid.ir/En/Journal/ViewPaper.aspx?ID=203072>

Conference

- **Islami, I.**, Ashtari, A., 2019, Assessment of Social Structure and Structural Holes: Study of Yazd Provincial Ranchers Network, 4TH International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 14-16 August, Tabriz, Iran.
- Ashtari, A., **Islami, I.**, 2019, Rural-agricultural development in the shadow of reverse migration, 4TH International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 14-16 August, Tabriz, Iran.

- **Islami, I.**, and Arami, S.A. 2016, Study of natural-human factors role in the condition of arid rangelands of Yazd Province using state transition model, National conference on research and technology finding in natural and agricultural ecosystems, Renewable energy and environment research center, University of Tehran. Oral Presented.
- **Islami, I.**, and Sadoddin., A.2014, Economic value of water in arid regions: Greenhouse Culture application, Proceeding of the Second International Conference on Sustainable Watershed Management (SUWAMA 14), Turkey, CRC Press. 201 - 208. Oral Presented.
- **Islami, I.**, and Rafiee, H., 2010, "Necessary management and appropriate efficiency in arid regions", accepted in 6th national seminar on watershed management science and engineering in Yazd, forthcoming, University of Tarbiat Modarres.
- **Islami, I.**, Mehrabi, A., Ekhtesasi, M., and Zehtabian, Gh., 2009, "Water productivity management by increasing water cost share among different costs of agricultural sector (case study: Yazd province)" accepted for oral presentation at the 2nd international conference of water, ecosystems and sustainable development in arid and semi arid zones, Iran.
- **Islami, I.**, Mehrabi, A., Ekhtesasi, M., and Zehtabian, Gh., 2009, "Identification and priority determination of factors influencing on increasing agricultural water price in Yazd-Ardakan plain" accepted for oral presentation at the 2nd international conference of water, ecosystems and sustainable development in arid and semiarid zones, Iran.
- Mohammadi, Y., and **Islami, I.**, 2009, "Analyzing effective factors on ground water management (GWM) in Zarindasht County, Fars province, Iran" accepted for poster presentation at the MELIA 3rd workshop on water value impacts on the Mediterranean water policies, Istanbul.
- **Islami, I.**, Rafiee, H., Asgari, M., and Ekhtesasi, M., 2009, "Agriculture water demand in pomegranate arbors of Iran in Yazd" accepted for poster presentation at the MELIA 3rd workshop on water value impacts on the Mediterranean water policies, Istanbul. Oral Presented.
- **Islami, I.**, Rafiee, H., Asgari, M., and Ekhtesasi, M., 2009, "Agriculture water use optimality evaluation in pistachio of Iran" accepted for poster presentation at the MELIA 3rd workshop on water value impacts on the Mediterranean water policies, Istanbul.
- **Islami, I.**, Khosravi, H., and Abbasi, A., 2008, "Essential management by amendatory activities in rangeland (case study: Semirom area)", 2th conference on agricultural in arid and desert regions, Azad University.
- **Islami, I.**, Abbasi, E., and Azimzadeh, H., 2008, "investigation on sensitivity performance of geology in Kheezabad area", 2th conference on agricultural in arid and desert regions, Azad University.
- Mohammadi, Y., **Islami, I.**, and Khosravi, H., 2008, "Management on water wasted in canal transition (case study: Zarindasht township)", the first international conference on coping with water scarcity & international exhibition on improvement of agriculture. Iran.

- **Islami, I.**, Abbasi, E., Azimzadeh, H., and Gholami, H., 2007, "Investigation of sediment potential by using MPSIAC and EPM model in Sadrabad area", 4th national conference on watershed management science and engineering, Tehran University, Iran, February 2007.
- Abbasi, E., **Islami, I.**, Gholami, H., and Ayazi, Z., 2007, "investigation on sensitivity performance of geology in Hamaneh area", 4th national conference on watershed management science and engineering, Tehran University, Iran.
- Gholami, H., Mohammadlu, M., Abbasi, E., and **Islami, I.**, 2007, "Investigation on dangerous of slip by using Haeree–Sammie method in Minoodasht area", 4th national conference on watershed management science and engineering, Tehran University, Iran.

Project Experience

- Title: "Evaluation and potential assessment of strategies for attracting public participation in environmental protection with emphasis on social education in the wildlife refuge of Sorkhrud Wetland in Mazandaran Province", INSF, Code: 99012971, [Collaboration as a Project Manager and executor](#), 2022-2023.
- Title: "Understanding the roots of human-wildlife conflicts in order to improve the protection of biodiversity in the protected areas of the Hyrcanian forests of Iran", By the University of Göttingen (Germany), [Collaboration as a project partner](#), 2022.
- Title: "Evaluating the environmental, economic and social consequences of the construction of North Tehran Freeway In the Hyrcanian forests of Iran (third phase) ", Mega Project in Iran, [Collaboration as a project partner](#), 2023.
- [Collaboration as a Project Manager, FRWO, Yazd Province. 2019](#)
 - ✚ Title: Capacity building, Empowerment Project of Yazd Province
 - ✚ Khezrabad Watershed (Saduq County)
 - ✚ Janat (Bahabad County) & Khansar (Khatam County)
- [Collaboration as a senior assistant with UNDP project in Iran:](#)
 - ✚ Title: "[Evaluation and design the native model of local participatory management in Hableh Roud watershed \(Iran\) using the social network method](#)". 2017 (March to November)
 - ✚ Supervisor: Prof. Hamid Abdollahyan (Tehran University Member)
 - ✚ Website: <https://tehran.academia.edu/HamidAbdollahyan>
- [Collaboration with "The National Mega Project on Integrated Watershed Management \(Iran\)" 2016 - 2017.](#)
 - ✚ Gorgan University of Agricultural Sci. & Natural Resources.
 - ✚ Management Director: Dr. Amir Sadoddin
 - ✚ Website: <http://watershedmg.com/DefaultEn.aspx>

- Collaborator with International project (UNDP) in Iran:
 - ✦ [MENARID: International Project: Institutional Strengthening and Coherence for Integrated Natural Resources Management](#), 2014 - 2016.
 - ✦ http://www.ir.undp.org/content/iran/en/home/operations/projects/environment_and_sustainable_development/menarid.html
- Collaborator with project [Title: Social and economic impacts of dam establishment in Taleghan region](#), 2011
 - ✦ University of Tehran.
 - ✦ Prof. Ali Akbar Mehrabi (Professor Tehran University)
 - ✦ <https://rtis2.ut.ac.ir/cv/amehrabi/?lang=en-gb>
- Collaborator with project: [Title: Compatibility of social units and physical units to achieve the basic unit of Land Management](#), 2010.
 - ✦ University of Tehran.
 - ✦ Prof. Ali Akbar Mehrabi (Professor Tehran University)
 - ✦ <https://rtis2.ut.ac.ir/cv/amehrabi/?lang=en-gb>
- Collaborator with project: Title: [Investigation on compatibility of annual plants and perennial plants by using random rainfall events in dry areas](#), 2003-2004.
 - ✦ Yazd University
 - ✦ [Dry and Desert Regions Research Center](#)
 - ✦ <https://www.yazd.ac.ir/en/research/ddrrc>

Teaching Experience

- *In Yazd & PNU University (2009-2014) & Tarbiat Modares University(2019-now)*
 - “Social Network Analysis (SNA) in Environmental Management”
 - “Socio-economic issues in Natural Resources and Environmental Management”
 - “Marketing and entrepreneurship in natural resources and environment”
 - “Rural Sociology and Development”
 - “Rural development in arid and desert areas”
 - “Capacity Building training and Empowerment of local communities”
 - “Research methods in Natural Resources economy”

Journal Reviewer

- Journal of Environmental Management
- Land Degradation and Development
- Helyon
- Ecopersia
- Iranian Journal of Range and Watershed Management
- Watershed Engineering and Management

Supervisor and Advisor of thesis

- Four M.Sc. thesis in TMU and other universities of Iran

Honors and Awards

- Received full PhD scholarships and admission from different Universities of other countries such as Germany, Turkey and India.
- Selected as an articles referee regarding socioeconomic sections in the journal of research and scientific: Khoshkboom Journal, Dry and Desert Regions Research Center 2. Ecopersia Journal (Journal of Tarbiat Modares University), Iranian Journal of Rangeland and Watershed, Engineering and Watershed Management, Land Degradation and Development, 2011 to Now.
- Selected as the inventor of a new scientific plan regarding sustainable development of agriculture by science and technology park of Yazd, YSTP, 2010.
- Selected as the distinguished expert by Iranian Ministry of Agriculture and Natural Resources, 2010.
- Be chosen as the central idea and new scientific ideas in Sustainable development of agriculture by science and technology park of Yazd (YSTP), 2009.
- Ranked 8th in the university entrance exam for MSc in natural resources engineering, 2007.

Job Experiences

- Faculty member of Tarbiat Modares University (2019 to Now).
- FRWO, Yazd Province, 2009-2014,
- Monitoring of Watershed management projects. Department of Natural Resources in Yazd province. 2009-2010.
- Project supervising related to create green belt in Yazd province (Desert and Dry land Regions). Department of green space in Yazd province. 2005-2007.
- Monitoring of Watershed management projects. Department of Forests, Rangeland and Watershed Organization (FRWO) in Yazd province. 2009-2010.
- Project supervising related to create green belt in Yazd province. Department of green space in Yazd province. 2005-2007.

Perfect Computer Skills

- Office (ICDL)
- SPSS
- Ucinet
- Superdecisions
- Netlogo
- Nodexl
- Gephi
- Expert Choice

Affiliation

- Member of Desert and Dry and Desert Regions Research Center in Yazd University.
- Member of Watershed Management Society of Iran (WMSI).
- Member of Iranian Sociological Association.

Thank you for your attention,

Iman Islami

>> Please feel free to contact me if you need any further information.