

Full Name: Vahedberdi Sheikh

Nationality: Iranian

Academic Level: Professor

Cell: +98 911 754 2957

E-mail: v.sheikh@yahoo.com/ sheikh@gau.ac.ir

 $\underline{https://scholar.google.com/citations?user=9VaNBoQAAAJ\&hl=en}$

EDUCATION:

PhD, (2002-2016). Land Development and Degradation, Wageningen

University, Wageningen, Netherlands.

MSc. (1996-1998). Watershed Management, University of Tehran, Tehran,

Iran

B.Sc., (1992-1996). Range and Watershed Engineering, Gorgan University of

Agricultural Sciences and Natural Resources, Gorgan, Iran.

RESEARCH INTEREST:

• Hydrological monitoring and modelling

Soil and water conservation

• Watershed management

• Rainwater harvesting and urban stormwater management



PUBLICATION:

- 1. Mohammad Khajeh, Chooghi Bairam Komaki, Mohsen Rezaei, Vahedberdi Sheikh, Ladan Ebadi, 2024. Assessment and Spatial Modeling of Land Subsidence Hazard Using the LiCSBAS Model and Random Forest Algorithm (Case Study: Marvdasht Kharame Plain), JWSS-Isfahan University of Technology 28 (2), 97-120. In Persian.
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- 9. Parvane Hatami Golmakani, Vahedberdi Sheikh, 2023. Evaluation of the Perception of Some Farmers in the Chehelchay Watershed towards Soil Erosion. Journal of Watershed Management Research 14 (27), 63-74. In Persian
- 10. Parvane Hatami Golmakani, Vahedberdi Sheikh Arash Zare Garizi, Abdolreza Bahremand, 2023. Assessment of flash flood hotspots through local knowledge and capacity for flood crowdsourcing. Journal of Water and Soil Conservation, 30(4), 125-145. In Persian

- 11. Tahere Mohammadi, Vahedberdi Sheikh, Arash Zare Garizi, Meysam Salarijazi, 2023. Trend Analysis and Change Points in Time Series of Water Level of Shallow and Deep Wells in Gorganrood Watershed. JWSS-Isfahan University of Technology, 27(3), 95-121. In Persian
- 12. Tahere Mohammadi, Vahedberdi Sheikh, Arash Zare Garizi, 2023. Trend Analysis and Change Points in Stream Flow of Gorganrood Watershed. JWSS-Isfahan University of Technology, 26(4), 177-201. In Persian
- 13. Parvane Hatami Golmakani, Vahedberdi Sheikh, Arash Zare Garizi, Abdolreza Bahremand, 2023. Considerations and the necessity of designing a citizen science application software for monitoring hydroclimatic variables (case study: introducing and evaluating the effectiveness of "Payeshyar" App). Climate Change Research, 4(14), 85-102. In Persian
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- stakeholders' perception about watershed condition improvement (case study: Dehchenashk sub-watershed- the Chehl Chai watershed), Environmental Sciences. In Persian
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- 24. Vahedberdi Sheikh, 2020). Perception of domestic rainwater harvesting by Iranian citizens. Sustainable Cities and Society 60, 102278
- 25. Hesel Pouri, Vahedberdi Sheikh, Hasan Yeganeh, 2020. Assessing rainwater harvesting potential to supply water for livestockes using multi-criteria decision making and assessment of the stakeholders' viewpoints (Case study: northern winter rangelands of Aq Qala plains). Journal of Range and Watershed Management 73 (2), 273-291. In Persian
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- Sadoddin, Majid Ownegh, 2019. Participatory site selection for the proposed options in the management of the Hable-Roud Basin. Watershed Management Research, 32(4), 2-18. In Persian
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- 40. Kazem Saber Chenari, Abdolreza Bahremand, Vahedberdi Sheikh, Chooghi Bairam Komaki, 2019. Gully Erosion Hazard Zoning in the Gharnaveh Watershed, Golestan Province. Journal of Engineering Geology 13 (1), 69-94. In Persian
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- Ecohydrology 5 (2), 399-418. In Persian
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Book:

Vahedberdi Sheikh, Masuod Jafary Shalamzari, Atefeh Gholami, Principles and techniques of Traditional and Modern Rainwater Harvesting (ISBN: 978-6-00972-453-6). Published in Persian by Gorgan University of Agricultural Sciences and Natural Resources Publisher (2017)

ACADEMIC TEACHING EXPERIENCE:

B.Sc. General Hydrology, Quantity Survey and Cost Estimation in Watershed Management Projects

M.Sc. Soil Erosion and Sediment Models, Water Resources Management, Principles of System Analysis in Watershed Management

PhD. Advanced Models in Integrated Watershed Management, Simulation in Watershed Science and Engineering, Utilization of Unconventional Water Resources, Bioengineering Measures in Soil and Water Conservation

SERVICE AND PROFESSIONAL MEMBERSHIP:

Editorial board member of the Journal of Watershed Management Research

LANGUAGES:

Advanced: English

Formal: Persian

Native: Turkmen



Gorgan University of Agricultural Sciences & Natural Resources