Full Name : Siamak Dokhani

- **Current Position :**Assistant Professor / Faculty Member, Department of Rangeland and Watershed Management, University of Kashan
- **Location :**Kashan, Isfahan Province, Iran
- **Nationality :**Iranian

🎓 Education

- **Ph.D. in Watershed Management Engineering** (2013 – 2009)
  - *Sari Agricultural Sciences and Natural Resources University, Iran*
  - *Honors :*Top Rank Student in Ph.D. Coursework (Class of 2009)
- **M.Sc. in Natural Resources Engineering (Watershed Management)** (2006 – 2003)
  - *Isfahan University of Technology (IUT), Iran*
  - *Honors :*Ranked 1st among M.Sc. Graduates (2006)
- **B.Sc. in Natural Resources Engineering (Rangeland and Watershed Management)** – 1999) (2003
  - *Isfahan University of Technology (IUT), Iran*

🏛️ Academic & Teaching Experience

- **Faculty Member / Assistant Professor** | *Department of Natural Resources, University of Kashan* – 2013)Present (
  - Teaching undergraduate and postgraduate courses in Hydrology ,Watershed Management ,and Water Resources.
- **Visiting Lecturer** | *Daneshpajoohan Higher Education Institute, Isfahan* (2011 – 2006)
  - Courses: Engineering Hydrology
- **Visiting Lecturer** | *Payame Noor University (Varzaneh & Pirbakran Branches* (2012 – 2010) *(*
  - Courses: Hydrology, Groundwater Hydrology, Ecology

📄 Journal Publications

🆕 Recent Persian Journal Publications (Last 4 Years / 2022–2026):

1. Soltani ,A ,.Ghazavi ,R & ,.**Dokhani, S"** .(2025) **.**Analysis of participation levels based on demographic characteristics in Benche watershed ,Kermanshah Province ".*Watershed Management Research Journal (WMRJ)*.

2. Gahremani ,R ,.Omidvar ,E & ,.**Dokhani, S**" .(2025) **.**Evaluation of the impact of biological practices on soil loss using RS-based RUSLE model in Chikan and Morzian watershed ".*Journal of Arid Regions Geographical Studies*.86–68 ,(59)16 ,

3. Ghaderi Vangah ,B ,.Ghazavi ,R ,.**Dokhani, S** & ,**.**Asadi Nalivan ,O" .(2026) .Evaluating the effectiveness of biological and biomechanical restoration methods in watershed rangelands ". *Hydrogeomorphology*.137–117 ,(42)13 ,

4. **Dokhani, S** & ,**.**Omidvar ,E" .(2024) .Analysis of hydrological responses and evaluation of biomechanical watershed management measures ".*Journal of Applied Researches in Geographical Sciences*.251–234 ,(74)24 ,

5. Soltani ,A ,.Ghazavi ,R & ,.**Dokhani, S**" .(2024) **.**Analysis of participant groups in the context of demographic characteristics for sustainable watershed management ".*Integrated Watershed Management*.15–1 ,(1)4 ,

6. Afshari, H., Ghazavi, R & ,.**Dokhani, S**" .(2022) **.**A novel approach in determining effective factors in crisis management with emphasis on runoff ".*Journal of Water and Soil Science* .(2)26 ,

7. Faridgiglou, B., Ghazavi, R & ,.**Dokhani, S**" .(2022) **.**Assessment of climate change impacts on the discharge of Aras River (Case Study: Ardabil Province) ".*Iran-Water Resources Research* , .(3)18

📚 **Other Major Publications:**

8. **Dokhani, S**" .(2021) **.**Impact of the magnetic treatment on some of the unconventional waters' properties ".*Desert Ecosystem Engineering Journal* .32–23 ,(30)10 ,

9. Yousefzadeh, S., Ghazavi, R & ,.**Dokhani, S**" .(2021) **.**Investigation of meteorological drought effects on runoff quantity and duration in arid regions ".*Journal of Arid Regions Geographical Studies* .43–29 ,(35)10 ,

10. Ghazavi, R., Ghaffari Goosheh, A & ,.**Dokhani, S**" .(2021) **.**Evaluation of future climate change impacts on suspended sediment yield in watersheds ".*Journal of Watershed Management Research* .56–45 ,(23)12 ,

11. **Dokhani, S**" .(2018) **.**Hydrological responses of soil to Rain Water Harvesting (RWH) in Semi-Arid regions of central Iran ".*International Journal of Advanced Life Sciences* .

12. Ghazavi, R ,.**Dokhani, S** ,**.**Mortazavi, M & ,.Ramezani Sarbandi, M. (2017). "Assessment of groundwater vulnerability using DRASTIC and GODS models in GIS environment ". *Hydrogeomorphology* .

13. **Dokhani, S** & ,**.**Soleimani, K. (2017). "Statistical analysis of the effect of rainwater harvesting methods on reducing flood and runoff in semi-arid to semi-humid regions of central Iran ". *Desert Ecosystem Engineering Journal* .

💻 **Technical Skills & Software**

- **GIS & Remote Sensing :**ArcGIS, ILWIS

- **Hydrological & Water Management Software :**CROPWAT, RUSLE Model
- **Decision Making Systems :**Multi-Criteria Decision Making (MCDM) in Environmental & Water Resources Management
- **General :**Microsoft Office Suite (Word, Excel, PowerPoint)

🌐 **Professional Memberships**

- Agricultural and Natural Resources Engineering Organization of Iran (Since 2003)
- The Nature Conservancy (Australia) (Since 2008)
- National Environmental Technology Network of Iran (Since 2007)
- Isfahan Sustainable Development Association (Since 2011)