
SAJJAD GHANBARI

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SKILLS

- Water Industry
- Electromagnetic Fields
- Lecturing
- Ground Penetrating Radar
- Project Management
- Student research guidance

PROFESSIONAL SUMMARY

Dedicated faculty member and experienced Geophysicist with a Ph.D., specializing in Electromagnetic methods, Hydrology, and Ground Penetrating Radar (GPR). Extensive background in sustainable water management, particularly in groundwater resources, with advanced data processing skills and proficiency in geophysical software. Passionate about addressing geophysical exploration and water resource challenges through research, education, and practical applications.

WORK HISTORY

Assistant Professor, 08/2023 - Current

Razi University – Kermanshah, Iran

- Evaluated student performance through comprehensive assessments, identifying areas of improvement and providing targeted feedback for growth.
- Inspired critical thinking skills among students by fostering a learning environment that encouraged open-mindedness, curiosity, and intellectual exploration.

Lecturer, 01/2014 - Current

Niro Educational and Research Complex- West Branch – Kermanshah, Iran

- Developed and implemented innovative teaching strategies to engage students in lectures and coursework.
- Evaluated and revised lesson plans and course content to achieve student-centered learning.
- Cultivated critical thinking skills through challenging assignments that required analysis, synthesis, and evaluation of information from various sources.

Project Evaluation Specialist, 01/2022 - 01/2023

Research Institute of Energy Regional Water Company of Kermanshah

- Enhanced program effectiveness by conducting thorough evaluations and providing insightful feedback.

- Implemented a culture of continuous improvement by promoting the use of data-driven decision-making processes throughout the organization.

Head of Water Resources Management, 01/2021 - 01/2023

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- Excellent communication skills, both verbal and written.
- Skilled at working independently and collaboratively in a team environment.
- Demonstrated strong organizational and time management skills while managing multiple projects.

Executor/Project Specialist, 01/2016 - 01/2021

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- Project: Revitalization and Balance Project for Groundwater Resources
- Improved project efficiency by streamlining communication and collaboration among team members.
- Coordinated cross-departmental efforts, ensuring seamless integration of new software tools.

Water Resources Specialist, 01/2015 - 01/2016

Water Resources Affairs – Kangavar, Iran

- Followed all company policies and procedures to deliver quality work.
- Improved customer satisfaction rates through proactive problem-solving and efficient complaint resolution.
- Collaborated with cross-functional teams to achieve project goals on time and within budget.

Geoscientist Consultant, 01/2012 - 01/2015

ZAP Consulting Engineers – Tehran, Iran

- Streamlined data collection for geological surveys by utilizing advanced remote sensing technologies.
- Strengthened risk assessment capabilities with comprehensive hazard identification studies related to earthquakes, landslides, or volcanic eruptions.
- Generated reports detailing findings and recommendations.

EDUCATION

Doctor of Philosophy - PhD: Geophysics, University of Tehran	01/2021
Geophysics, University of Strasbourg	01/2020
Master's in Geophysics: Geoelectrics, University of Tehran	01/2014
Bachelor's in Applied Physics: University of Tabriz	01/2008