Personal Information

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Marital status:	Married (3 children)

Career Objective

Abdulaziz S. Alzahrani is currently an assistant professor in the Civil Engineering Department, at Al-Baha University, KSA. He received his Ph.D. in Water Resources and Environmental Engineering from Akron University in the United States in 2022. Dr. Alzahrani's research focuses on developing and applying innovative geospatial technologies to solve complex water resources challenges in Saudi Arabia and the Middle East. His work has the potential to improve water management, reduce flood risk, and protect water quality, all of which are essential for sustainable development in the region.

Academic Qualifications

2007-2011 King Abdulaziz University, Bachelor of Science, Faculty of Engineering (Saudi Arabia, Jeddah), Civil Engineering department, GPA: 4.50, (5 scale).

2014-2017 University of Dayton, master's degree Civil & Environmental Engineering (USA, Dayton, Ohio)

2018-2022 University of Akron, Ph.D. Civil & Environmental Engineering, (USA, Akron, Ohio)

Professional Experiences

- Technical Expertise:
  - Water Resources Engineering: Extensive experience in Water Resource and Hydraulic modeling and analysis using HEC-RAS 4.1 to 5.3 for riverine and estuarine systems.
  - GIS Applications: Proficient in ArcMap 10.3 for spatial data analysis, mapping, and visualization Map data digitizing.
  - Microsoft Office Suite: Professional Experience.
- Extensive experience
  - Collaborated with the Saudi Society of Civil Engineering and the Saudi Council of Engineers, demonstrating commitment to industry engagement and professional development.
  - Supported research initiatives under the guidance of Sheikh Mohammed Hussein Al Amoudi, showcasing the ability to contribute to and learn from experienced professionals.
  - Conducted independent research projects, highlighting initiative and problem-solving skills.
- Personal Skills:
  - Multicultural Sensitivity: Demonstrated ability to work effectively in diverse environments with respect and appreciation for cultural differences.
  - Communication and Negotiation: Skilled in communicating complex information clearly and persuasively and achieving mutually beneficial outcomes through negotiation.
  - Teamwork and Pressure Management: Proven ability to collaborate effectively in teams, manage deadlines, and thrive under pressure.
  - Analytical and Creative Thinking: Adept at analyzing data, identifying patterns, and developing innovative solutions to challenges.

- o Business Development: Possesses a proactive approach to identifying and pursuing new opportunities for growth and improvement.
- o AI Technology: Keen interest in the potential of AI for advancing water resource management and infrastructure development. Eager to learn and apply AI solutions for greater efficiency and optimization.

Professional Experience:

Albaha University - Head of Civil Engineering Department (July 2022 - Present)

- Managed two academic programs: Bachelor of Civil Engineering and Master of Engineering Management.
- Working to lead department through NCAAA accreditation process and initiated plans for ABET accreditation.
- Oversaw faculty development and curriculum enhancements to ensure program quality and prepare graduates for successful careers.
- Fostered a collaborative and productive environment within the department.

PhD Graduate and Researcher (August 2018 - May 2022)

- Successfully completed PhD in Civil Engineering program, conducting research on [Evaluation of Potential 10 MGD Groundwater Supply from Aquifers in Geauga County, Ohio] and contributing to the advancement of knowledge in the field.
- Collaborated with faculty and fellow researchers, enriching my technical expertise and understanding of cutting-edge technologies.

Albaha University - Lecturer (May 2017 - August 2018)

- Taught undergraduate courses in Water Resources Engineering, effectively engaging students and delivering complex concepts clearly.
- Developed and implemented innovative teaching methods, incorporating real-world examples and problem-solving activities.
- Mentored students, providing guidance on academic and professional development.

Master's Degree Student (January 2013 - May 2017)

- Completed Master's degree in Civil Engineering program, solidifying your understanding of theoretical and practical aspects of the field.
- Gained valuable research experience through participation in a faculty-led thesis and conducting research on [Application of Two-Dimensional Hydraulic Modeling in Riverine Systems Using HEC-RAS], enhancing my problem-solving and analytical skills.

Albaha University - Teaching Assistant (August 2012 - January 2013)

- Provided comprehensive support to faculty in delivering Water Resources Engineering courses, including laboratory instruction and tutorial sessions.
- Developed strong pedagogical skills and gained valuable experience in classroom management.

Innovators Consulting Engineers - Site Engineer (September 2011 - August 2012)

- Gained direct exposure to construction processes, ensuring adherence to project specifications and owner requirements.
- Developed practical engineering skills and honed my ability to work effectively in a team environment.

Unit for Ain Zubaida Rehabilitation & Ground Water Research - Research Assistant (May 2011 - August 2011)

- Conducted field research in Wadi Noman, Saudi Arabia, collecting and analyzing data to support groundwater resource management initiatives.
- Developed strong data collection and analysis skills, laying the foundation for my future research endeavors.