

DR. FELLATAH, Othman*Assistant Professor, Nuclear Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
Ph.D. in Environmental Engineering	Environmental Radioactivity	University of Rhode Island, Kingston, USA.	2018
M.Sc. in Environmental Engineering	Environmental Radioactivity	University of New Haven, USA.	2014
B.Sc. in General Chemistry	Organic chemistry	King Abdul-Aziz University, Science college, Jeddah, Saudi Arabia	2001

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
2014	2016	University of Rhode Island, Kingston, USA.	Teaching	Teaching Assistant	Part Time
2009	2010	King Abdul-Aziz University	Teaching	Chemist	Full Time
2010	2012	King Abdul-Aziz University	Researcher	Chemist	Full Time

Non-Academic Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2001	2004	Delta Company	Chemist in quality control department	Chemist	Full-Time
1998	1999	Saudi Geological Survey	Chemical Analyst	Chemist	Part-Time

Certifications and Professional Registrations

Six Sigma, Green Belt, University of Bridgeport, USA

Six Sigma Black Belt, University of Bridgeport, USA

Diploma in public administration, University of New Haven, USA

Gravity Recovery and Climate Experiment (GRACE): Principals and Applications: Western Michigan University, USA

Certificate in Hydrology, University of Rhode Island, Kingston, USA

Certificate in Hydrology, University of Rhode Island, Kingston, USA

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. American Geophysical Union (AGU).	Member	2015
2. Institute of Electrical and Electronics Engineers (IEEE)	Member	2016
3. Geological Society of America (GSA).	Member	2015

Honors and Awards

1. 2015: Travel grant: AGU-SEG workshop (Potential-Field and Electromagnetic Methods Applied to Basin Studies).
2. 2013: Education Scholarship, Saudi Arabia Culture Mission (SACAM).

Services Activities (*within and outside the institution*)

- 1 Saudi Arabian Society for Culture and Arts
- 2 Minister of Culture
- 3 Theatrical Association

Principal Publications/Presentations from the Past Five Years

1. Fallatah, O. A., Ahmed, M., Save, H., & Akanda, A. S. (2017). Quantifying temporal variations in water resources of a vulnerable middle eastern transboundary aquifer system. *Hydrological Processes*.
2. Othman Abdurrahman Fallatah, Mohamed Ahmed, Dawn Cardace, Thomas Boving, Ali S. Akanda (2018). Assessment of Critical Modern Recharge to Arid Region Aquifer Systems Using an Integrated Geophysical, Geochemical, and Remote Sensing Approach. *Journal of Hydrology*.
3. Fallatah, O.A. Groundwater Quality Patterns and Spatiotemporal Change in Depletion in the Regions of the Arabian Shield and Arabian Shelf. *Arab J Sci Eng* 45, 341–350 (2020). <https://doi.org/10.1007/s13369-019-04069-1>.
4. AS Akanda, F Nusrat, MA Hasan, O Fallatah, 2017, Leveraging Earth Observations to Improve Data Resolution and Tracking of Sustainable Development Goals in Water Resources and Public Health, American Geophysical Union, Fall Meeting 2017.
5. O Fallatah, M Ahmed, AS Akanda, T Boving, D Cardace, 2017, Quantifying Recent Recharge to the Saq Transboundary Aquifer System using an Integrated Geophysical, Geochemical, and Remote Sensing-based Approach. AGU Fall Meeting Abstracts 2017.
6. SM Pradhanang, MA Hasan, P Booth, O Fallatah, 2016, Estimation of future flow regime for a spatially varied Himalayan watershed using improved multi-site calibration method of SWAT model, AGU Fall Meeting 2016.
7. Ali S. Akanda Othman Abdurrahman Fallatah, Mohamed Ahmed, Himanshu Save, 2016. GRACE-derived TWS variations over the Saq aquifer in KSA and Jordan. NEGSWS New England Graduate Student Water Symposium 2015.

Recent Professional Development Activities (*Workshops, training, etc.*)

1. Gravity Recovery and Climate Experiment (GRACE): Principals and Applications workshops, 2019
2. Spatial Data Science: The New Frontier in Analytics online Training, 2020.