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## Shawkat A . Yaseen Kochary

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### Personal Information

Date of Birth: January 27, 1969  
Place of Birth: Duhok, Iraq  
Languages: Kurdish, Arabic, English  
Local address: 4 Rome Street, Duhok, Kurdistan Region, Iraq.  
Abroad mailing address: 515 Chandler Place, Hermitage, TN 37076.

### Qualifications / Skills

Engineering Designs, Project management, Groundwater experimental modeling, laboratory experimentation simulating, Teaching, Microsoft office, MATLAB, ETABS, SPSS, GraphPad Prism software's skills. Technical writing, Multilanguage Interpretation and Translation skills.

### Education

09 / 2017 Ph.D. Civil Engineering - Environmental Sciences / University of Duhok. Duhok, Kurdistan Region, Iraq.  
08 / 2005 M.Sc. Civil and Environmental Engineering / Tennessee State University, TN, USA.  
07 / 1991 B.Sc. in Irrigation and Drainage Engineering / Mosul University, Mosul, Iraq.

### Work History

09/2009 - Present **(Lecturer)** - Civil Engineering Department, University of Duhok. Zakho Street 38, 1006 AJ Duhok, Kurdistan Region- Iraq.  
+964 62 765 2684.  
09/2005-07/2009 **(Lab. Analyst)** - Test America Analytical Services.  
2960 Foster Creighton Drive, Nashville, TN, USA 37204.  
(615) 726-0177.  
09/2003-08/2005 **(Lab. Analyst)** - Environmental Engineering Lab. Tennessee State University. 3500 John A. Merritt Blvd. Nashville, TN, USA 37209.  
(615) 963 – 5540.

<b>Teaching History</b>	12/2019- Present	<b>Environmental Engineering:</b> Civil Engineering Department - 3 <sup>rd</sup> Stage
	09/2016- Present	<b>Technical English:</b> Civil Engineering Department - 1 <sup>st</sup> Stage.
	09/2014- Present	<b>Occupational Safety:</b> Civil Engineering Department - 2 <sup>nd</sup> Stage. <b>Engineering Ethics:</b> Civil Engineering Department - 2 <sup>nd</sup> Stage.
	09/2012 - 9/2014	<b>Solid Waste Management:</b> Planning Eng. Department - 2 <sup>nd</sup> Stage.
	09/2010- 09/2012	<b>Environmental Engineering:</b> Water Resources Eng. Dept.- 4 <sup>th</sup> Stage. <b>Water Quality and Pollution:</b> Water Resources Eng. Dept. - 2 <sup>nd</sup> Stage.

### **Publications**

- Painter, R. D., Kochary, S., & Byl, T. D. (2005). Free-Living Bacteria or Attached Bacteria: Which Contributes More to Bioremediation?. *US Geological Survey Karst Interest Group Proceedings, Rapid City, South Dakota, USA*.
- Kochary, S., Byl, T., & Noori, B. (2017). Modeling the Movement of Septic Water Chloride through a Soil Profile. *Sustainability, 9(4)*, 501.
- Kochary, S. A. Y., Noori, B. M. A., & Byl, T. D. (2017). Heavy metals contamination of shallow ground water in direct contact with failed septic tanks. *Journal of Duhok University, 20(1)*, 220-230.
- Kochary, S. A. Y., Noori, B. M. A., & Byl, T. D. (2017). Assessment of selected physico-chemical parameters of ground water in direct contact with septic tanks: experimental modeling. *Journal of Duhok University, 20(1)*, 231-240.
- Kochary, S. A., Alnaqshabandi, L.M., Abdo, H.R. (2018). The impact of residential septic tanks on soil water infiltration and groundwater contamination in Duhok city. *Academic Journal of Nawroz University, 7(4)*, 245-253.

### **Research Interests**

- Environmental Impact Assessment ( Groundwater Pollution)
- Natural Resources Management
- Study of Ecological Communities
- Sustainable Development

### **Certificates**

- Ph.D. in Civil Engineering / Environmental Sciences / Duhok / Iraq.
- M.Sc. in Civil and Environmental Engineering / TSU / USA.
- B.Sc. in Irrigation and Drainage Engineering / Mosul / Iraq.
- EIT Engineer In Training / Ohio State / USA.

### **References**

- Dr. Thomas D. Byl (Civil and Environmental Engineering at Tennessee State University, TN, USA), 001 615 963 5540.
- Dr. Nashwan Shawkat Mahmood (Civil Engineering Department, University of Duhok, Kurdistan Region- Iraq), 964 750 458 0332.