

## Res. Asst. ZEYNEP YÜCESOY ÖZKAN

### Personal Information

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### Biography

Zeynep Yücesoy Özkan is a research assistant at Marmara University Environmental Engineering Department in Istanbul, Turkey. She received her Bachelor's degree in Environmental Engineering from Akdeniz University in 2008. She completed her M.S. degree in Environmental Engineering from Harran University in 2011. She is still a PhD student at Marmara University, Environmental Engineering Department. Her current research interests include anaerobic treatment, biological treatment, nanotechnology, MBR.

### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Environmental Engineering (Eng), Turkey 2013 - Continues

Postgraduate, Harran University, Institute Of Science, Çevre Mühendisliği (YI) (Tezli), Turkey 2009 - 2011

Undergraduate, Akdeniz University, Turkey 2003 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Anaerobik perdeli reaktörde (APR) Zn ve Cu içeren asidik maden sızıntı sularının sülfat indirgeyen bakteriler ile arıtımı ve metal geri kazanımı, Harran University, Institute Of Science, Çevre Mühendisliği (YI) (Tezli), 2011

### Research Areas

Environmental Engineering, Environmental Sciences, Environmental Technology, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Environmental Engineering, 2018 - Continues

Research Assistant, Bitlis Eren University, Faculty Of Engineering And Architecture, Department Of Environmental Engineering, 2018 - 2018

Research Assistant, Marmara University, Faculty of Engineering, Environmental Engineering, 2013 - 2018

Research Assistant, Bitlis Eren University, Faculty Of Engineering And Architecture, Department Of Environmental Engineering, 2011 - 2013

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Overcoming challenges in mainstream Anammox applications: Utilization of nanoscale zero valent iron (nZVI)**  
ERDİM E., YÜCESOY ÖZKAN Z., kurt h., KOCAMEMİ B.  
SCIENCE OF THE TOTAL ENVIRONMENT, vol.651, pp.3023-3033, 2019 (Journal Indexed in SCI)
- II. **Rapid decolorization of textile wastewater by green synthesized iron nanoparticles**  
Ozkan Z., Cakirgoz M., Kaymak E. S. , Erdim E.  
WATER SCIENCE AND TECHNOLOGY, vol.77, no.2, pp.511-517, 2018 (Journal Indexed in SCI)
- III. **Biotreatment of acidic zinc- and copper-containing wastewater using ethanol-fed sulfidogenic anaerobic baffled reactor**  
Sahinkaya E., Yucesoy Z.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.33, no.8, pp.989-997, 2010 (Journal Indexed in SCI)
- IV. **Separate recovery of copper and zinc from acid mine drainage using biogenic sulfide**  
Sahinkaya E., Gungor M., Bayrakdar A., Yucesoy Z., Uyanik S.  
JOURNAL OF HAZARDOUS MATERIALS, vol.171, pp.901-906, 2009 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Engineered Iron Nanoparticles via Green Routes and Their Applications for Textile Wastewater Treatment**  
YÜCESOY ÖZKAN Z., Sağırkaya F., Terzi M., M Mohib R., ERDİM E.  
3rd Ewas International Conference, Lefkada Island, Greece, 27 - 30 June 2018, vol.2, pp.658
- II. **Removal of Nonylphenol and Octylphenol from Aqueous Solutions by a Novel Nano-Composite (ZVI/Fullerene)**  
HACIOSMANOĞLU G. G. , YÜCESOY ÖZKAN Z., CAN Z. S. , GENÇ S., ERDİM E., SOYER E., PEHLİVANOĞLU MANTAŞ E.  
3rd Ewas International Conference, Greece, 27 - 30 June 2018, vol.2, pp.654
- III. **Recovery and valorisation of phenolic compounds from Table Olive Processing Wastewater (TOPW) through adsorption**  
ERDİM E., YÜCESOY ÖZKAN Z.  
10th Eastern European IWA YWP Conference, 7 - 12 May 2018
- IV. **Rapid Decolorization of Textile Wastewater by Green Synthesized Iron Nanoparticles.**  
YÜCESOY ÖZKAN Z., Çakırgöz M., Kaymak E. S. , ERDİM E.  
9th IWA YWP, Budapest, Hungary, 24 - 27 May 2017
- V. **BİTLİS İLİ KATI ATIK YÖNETİMİNİN DEĞERLENDİRİLMESİ**  
DEMİR YETİŞ A., GAZİGİL L., Şapçı Z., CAN O. T. , DURMAZ BEKMEZCİ H., YÜCESOY ÖZKAN Z.  
UKAY 5. Ulusal Katı Atık Yönetimi Kongresi, Kocaeli, Turkey, 29 May - 01 June 2017
- VI. **Removal of Industrial Xenoestrogens by Using Zero Valent Iron Nanoparticles, Nevşehir, TURKIYE**  
HACIOSMANOĞLU G. G. , YÜCESOY ÖZKAN Z., SOYER E., GENÇ S., CAN Z. S. , ERDİM E.  
2nd International Conference on Civil and Environmental Engineering (ICOCEE Cappadocia-2017), Nevşehir, Turkey, 8 - 10 May 2017
- VII. **Biosynthesized Iron Nanoparticle Mediated Degradation of Industrial Wastewater,.**  
YÜCESOY ÖZKAN Z., Terzi M., Sağırkaya F., ERDİM E.  
2nd International Conference on Civil and Environmental Engineering (ICOCEE Cappadocia-2017), Nevşehir, Turkey, 8 - 10 May 2017
- VIII. **Enhancement of Anaerobic Ammonium Oxidation (Anammox) Process: The use of one-pot synthesized nanoscale zero-valent iron (nZVI).**  
ERDİM E., YÜCESOY ÖZKAN Z., Kurt H., Dilsizoğlu N., Çetin S., Şanlı F., KOCAMEMİ B.  
WEFTEC 2017, Chicago, United States Of America, 30 September - 04 November 2017

## Supported Projects

Can Z. S. , Erdim E., Yücesoy Özkan Z., Pehlivanođlu Mantaş E., Soyer E., Genç S., TUBITAK Project, Sıfır Deđerlikli Demir Nanoparçacık (nZVI) ve nZVI/Fullerene Nanokompoziti ile Nonilfenolve Oktilfenol Gideriminin Araştırılması, 2014 - 2016

## Citations

Total Citations (WOS):91

h-index (WOS):2