Res. Asst. ZEYNEP ÖZCAN

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Education Information

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey 2014 - 2016
Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey 2008 - 2014

Dissertations

Postgraduate, Evaluation of the best management practices to control agricultural diffuse pollution in lake mogan watershed with swat model, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 2016

Research Areas

Environmental Modeling, Water Pollution and Control

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Evaluation of the best management practices in a semi-arid region with high agricultural activity**
ÖZCAN Z., KENTEL ERDOĞAN E., ALP E.
AGRICULTURAL WATER MANAGEMENT, vol.194, pp.160-171, 2017 (SCI-Expanded)

II. **A pollution fate and transport model application in a semi-arid region: Is some number better than no number?**
ÖZCAN Z., Baskan O., Duzgun H. S., KENTEL ERDOĞAN E., ALP E.

SCIENCE OF THE TOTAL ENVIRONMENT, vol.595, pp.425-440, 2017 (SCI-Expanded)

III. **Determination of unit nutrient loads for different land uses in wet periods through modelling and optimization for a semi-arid region**
ÖZCAN Z., KENTEL ERDOĞAN E., ALP E.
JOURNAL OF HYDROLOGY, vol.540, pp.40-49, 2016 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Evaluation of the Water-Energy-Food Nexus with the Focus on Climate Change in a Semi-arid Watershed, Turkey**
ALP E., ÖZCAN Z., Özcan C., Özel B., BAŞKAN O., Demir Y., KENTEL ERDOĞAN E., AYDINALP KÖKSAL M.
WEFTECT 2020, United States Of America, 05 October 2020

II. **Evaluation of Water-Energy Nexus in Sakarya River Basin, Turkey**
ÖZCAN Z., AYDINALP KÖKSAL M., ALP E.
2nd WaterEnergyNEXUS Conference, Salerno, Italy, 14 - 17 November 2018, pp.421-424

III. **Least Cost Optimization in Middle Sakarya River Basin with the focus on Water-Energy Nexus**
ÖZCAN Z., AYDINALP KÖKSAL M., ALP E.
AGU Fall Meeting 2019, San-Francisco, Costa Rica, 9 - 13 December 2019

IV. **Integrated Watershed Management for Lake Mogan with the focus of Agricultural Diffuse Pollution**
ÖZCAN Z., Hatipoğlu A., Başkan O., DÜZGÜN H. Ş., KENTEL E., ALP E.
WEFTEC 2015, The Water Quality Event, The Water Environment Federation, September 26 – 30, 2015, Chicago, Illinois, USA, 26 - 30 September 2015

V. **Determination of nutrient loads in Mogan watershed through modelling approach**
ÖZCAN Z., KENTEL E., ALP E.
17th IWA International Conference on Diffuse Pollution and Eutrophication, 13–18 September, Berlin, Germany., 13 - 18 September 2015

VI. **Phosphorus Budget For Lake Mogan Ankara Turkey**
ÖZCAN Z., Yücel Ö., ALP E.
8th Shallow Lakes Conference, Turkey, 12 October - 17 December 2014

VII. **Prediction of Water Quality Parameters Using Statistical Methods A Case Study in a Specially Protected Area Ankara Turkey**
Yücel Ö., ÖZCAN Z., ALP E.
AGU Fall Meeting, Turkey, 15 - 19 December 2014

Metrics

Publication: 10
Citation (WoS): 47
Citation (Scopus): 50
H-Index (WoS): 3
H-Index (Scopus): 3

Scholarships

Doktora Tezi Araştırma Bursu, Fulbright Program, 2020 - 2020
ERASMUS, European Commission, 2012 - 2012

Awards

Özcan Z., ODTÜ YILIN TEZİ ÖDÜLÜ, Prof. Dr. Mustafa Parlar Eğitim Ve Araştırma Vakfı, December 2016