

Res. Asst. Ömer Ekmekciođlu

Personal Information

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Education Information

Doctorate, Istanbul Technical University, İnşaat, İnşaat Mühendisliđi, Turkey 2019 - Continues

Post Graduate, Istanbul Technical University, İnşaat, İnşaat Mühendisliđi, Turkey 2017 - 2019

Masters Without Thesis, Üsküdar Üniversitesi, Sağlık Bilimleri Enstitüsü , İş Sağlığı Ve Güvenliđi , Turkey 2015 - 2016

Under Graduate, Yıldız Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi, Turkey 2009 - 2014

Under Graduate, Universidad Politécnică De Madrid, İnşaat Mühendisliđi - Erasmus Programı, Spain 2013 - 2013

Foreign Languages

Spanish, A1 Beginner

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Occupational Health and Safety, Yangın Önleme ve Yangınla Mücadele Özelleşmiş Eğitim, İstanbul Teknik Üniversitesi Denizcilik Fakültesi, 2018

Occupational Health and Safety, B Sınıfı İş Güvenliđi Uzmanlıđı Sertifikası, T.C. ÇALIŞMA, SOSYAL HİZMETLER VE AİLE BAKANLIđI - İŞ SAĞLIđI VE GÜVENLİđİ GENEL MÜDÜRLÜĐÜ, 2017

Research Areas

Civil Engineering, Hydraulic, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, İnşaat, İnşaat Mühendisliđi, 2018 - Continues

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

- I. **Comparison of wavelet and empirical mode decomposition hybrid models in drought prediction**
Özger M., Başakın E. E. , Ekmekciođlu Ö., Hacısüleyman V.
Computers and Electronics in Agriculture, vol.179, 2020 (Journal Indexed in SCI Expanded)
- II. **Tree-based nonlinear ensemble technique to predict energy dissipation in stepped spillways**
Ekmekciođlu Ö., Başakın E. E. , Özger M.
EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, 2020 (Journal Indexed in SCI)

- III. **Letter to the editor "comparing artificial intelligence techniques for chlorophyll-a prediction in US lakes"**
Başakın E. E. , Ekmekcioğlu Ö., Mohammadi B.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.27, pp.22131-22134, 2020 (Journal Indexed in SCI)
- IV. **Comment on "Comparison of the Ability of ARIMA, WNN and SVM Models for Drought Forecasting in the Sanjiang Plain, China" by Yuhu Zhang, Huirong Yang, Hengjian Cui, and Qiuhua Chen, in Natural Resources Research DOI: 10.1007/s11053-019-09512-6**
Başakın E. E. , Ekmekcioğlu Ö.
NATURAL RESOURCES RESEARCH, vol.29, pp.1465-1467, 2020 (Journal Indexed in SCI)
- V. **District based flood risk assessment in Istanbul using fuzzy analytical hierarchy process**
Ekmekcioğlu Ö., KOÇ K., Özger M.
Stochastic Environmental Research and Risk Assessment, 2020 (Journal Indexed in SCI Expanded)
- VI. **Additional Value of Using Satellite-Based Soil Moisture and Two Sources of Groundwater Data for Hydrological Model Calibration**
Demirel M. C. , Ozen A., Orta S., Toker E., Demir H. K. , Ekmekcioğlu Ö., Taysi H., Eruçar S., Sag A. B. , Sari O., et al.
WATER, vol.11, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Dalgacık Bulanık Zaman Serisi Yöntemi ve Gri Tahmin Yöntemi ile Türkiye Buğday Verimi Tahmini**
Başakın E. E. , Ekmekcioğlu Ö., Özger M., Çelik A.
Türkiye Tarımsal Araştırmalar Dergisi, vol.7, pp.246-252, 2020 (National Refereed University Journal)
- II. **Drought prediction using hybrid soft-computing methods for semi-arid region**
Başakın E. E. , Ekmekcioğlu Ö., Özger M.
MODELING EARTH SYSTEMS AND ENVIRONMENT, 2020 (Journal Indexed in ESCI)
- III. **Discharge coefficient equation to calculate the leakage from pipe networks**
Ekmekcioğlu Ö., Başakın E. E. , Özger M.
Journal of the Institute of Science and Technology , vol.10, pp.1737-1746, 2020 (International Refereed University Journal)
- IV. **Drought analysis with machine learning methods**
Başakın E. E. , Ekmekcioğlu Ö., Özger M.
Pamukkale University Journal of Engineering Sciences, vol.25, pp.985-991, 2019 (Journal Indexed in ESCI)

Supported Projects

Özger M., Ekmekcioğlu Ö., Project Supported by Higher Education Institutions, Yağmur suyu ızgara girişlerinin hidrolik verimliliğinin deneysel olarak araştırılması, 2019 - Continues

Scientific Refereeing

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, January 2021

WATER SCIENCE AND TECHNOLOGY, SCI Journal, October 2020

WATER RESOURCES MANAGEMENT, SCI Journal, October 2020

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, September 2020

WATER SCIENCE AND TECHNOLOGY, SCI Journal, September 2020

WATER SCIENCE AND TECHNOLOGY, SCI Journal, July 2020

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, July 2020

HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, SCI Journal, July 2020

Journal of Model Based Research, Other Indexed Journal, June 2020

Journal of Model Based Research, Other Indexed Journal, June 2020

Stochastic Environmental Research And Risk Assessment, SCI Journal, February 2020

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, November 2019

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, May 2019

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, SCI Journal, November 2018

Citations

Total Citations (WOS):4

h-index (WOS):1