

Res. Asst. Elif Kartal

Personal Information

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Education Information

Doctorate, İstanbul Technical University, İnşaat, İnşaat Mühendisliği, Turkey 2018 - Continues

Postgraduate, İstanbul Technical University, İnşaat Fakültesi, Hidrolik Ve Su Kaynakları Mühendisliği, Turkey 2016 - 2018

Undergraduate Double Major, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, Turkey 2013 - 2016

Undergraduate, İstanbul Technical University, İnşaat Fakültesi, Çevre Mühendisliği, Turkey 2011 - 2015

Dissertations

Postgraduate, İSTANBUL BOĞAZI SU SEVİYESİ DEĞİŞİMLERİ HİBRİT DALGACIK-MATEMATİKSEL TAHMİN MODELLERİ, İstanbul Teknik Üniversitesi, İnşaat Mühendisliği, Hidrolik Ve Su Kaynakları Mühendisliği, 2018

Research Areas

Technical Sciences, Civil Engineering, Hydraulic, Surface Water Engineering, Hydrology, Water Resources Planning and Management

Academic Titles / Tasks

Research Assistant, İstanbul Technical University, İnşaat, İnşaat Mühendisliği, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Transfer sea level learning in the Bosphorus Strait by wavelet based machine learning methods
Altunkaynak A., Kartal E.
OCEAN ENGINEERING, vol.233, 2021 (SCI-Expanded)
- II. Performance comparison of continuous Wavelet-Fuzzy and discrete Wavelet-Fuzzy models for water level predictions at northern and southern boundary of Bosphorus
Altunkaynak A., Kartal E.
OCEAN ENGINEERING, vol.186, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. DALGACIK K-EN YAKIN KOMŞULUK YÖNTEMİ İLE HAVA KİRLİLİĞİ TAHMİNİ
Altunkaynak A., Başakın E. E., Kartal E.
Uludağ University Journal of The Faculty of Engineering, vol.25, no.3, pp.1547-1556, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Kavramsal Hidrolojik Model Parametrelerinin Sezgiye Dayalı Algoritmalar ile Eniyilenmesi**
BAŞAKIN E. E., Sağ A. B., KARTAL E., Avcuoğlu M. B., DEMİREL M. C.
3. ULUSLARARASI ÜNİDOKAP KARADENİZ SEMPOZYUMU: Sürdürülebilir Tarım ve Çevre, Tokat, Turkey, 21 - 23 June 2019
- II. **MAKİNE ÖĞRENMESİ YÖNTEMLERİ İLE HAVA KİRLİLİĞİ TAHMİNİ**
BAŞAKIN E. E., EKMEKCİOĞLU Ö., KARTAL E., ÖZGER M.
3rd International UNIDOKAP Black SeaSymposium "Sustainable Agriculture and Environment", Tokat, Turkey, 21 - 23 June 2019
- III. **BARAJ GÜVENLİĞİ UYGULAMALARI: GÖKTÜRK BARAJI ÖRNEĞİ**
Ağırarioğlu N., Altunkaynak A., Özger M., Kartal E.
5th INTERNATIONAL SYMPOSIUM ON DAM SAFETY, İstanbul, Turkey, 27 October - 01 November 2018, pp.1108-1118
- IV. **REGIONAL LOW FLOW AND DROUGHT ANALYSIS FOR EASTERN BLACK SEA BASIN**
Kartal E., Önöz B., Sonuç C., Karınca D., İlhan A., Şahin A. N.
8th Atmospheric Sciences Symposium, İstanbul, Turkey, 1 - 04 November 2017, pp.461-463
- V. **REGIONAL FLOOD FREQUENCY ANALYSIS FOR EASTERN BLACK SEA**
Sonuç C., İlhan A., Karınca D., Kartal E., Şahin A. N., Önöz B.
8th Atmospheric Sciences Symposium, İstanbul, Turkey, 1 - 04 November 2017, pp.464-466
- VI. **REGIONAL FLOOD FREQUENCY ANALYSIS FOR EASTERN BLACK SEA BASIN**
Kartal E., Önöz B., Sonuç C., Karınca D., İlhan A., Şahin A. N.
8th Atmospheric Sciences Symposium, İstanbul, Turkey, 1 - 04 November 2017, pp.464-466

Scientific Refereeing

Stochastic Environmental Research and Risk Assessment, SCI Journal, February 2019

Metrics

Publication: 10
Citation (WoS): 2
Citation (Scopus): 2
H-Index (WoS): 1
H-Index (Scopus): 1