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Personal Information

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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Hidrolik Ve Su Kaynakları Mühendisliği (Dr), Turkey
2010 - 2017

Undergraduate, Istanbul Technical University, Mimarlık, Mimarlık, Turkey 2007 - 2012

Undergraduate, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, Turkey 2006 - 2010

Foreign Languages

English

Research Areas

Hydraulic

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 2021 - Continues

Associate Professor, Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering, 2019
- 2021

Assistant Professor, Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering, 2018
- 2019

Research Assistant, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, 2011 - 2018

Academic and Administrative Experience

Head of Department, Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil Engineering,
2019 - 2021

Deputy Head of Department, Istanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Civil
Engineering, 2018 - 2021

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

- I. A different type of Burr distribution applying to hydro-meteorological data
Güçlü Y. S.
SPATIAL STATISTICS, vol.43, 2021 (Journal Indexed in SCI)

- II. **Climate change impacts on sea surface temperature (SST) trend around Turkey seashores**
Dabanli I, Sisman E, Guclu Y. S. , Birpinar M. E. , Sen Z.
ACTA GEOPHYSICA, vol.69, no.1, pp.295-305, 2021 (Journal Indexed in SCI)
- III. **Improved visualization for trend analysis by comparing with classical Mann-Kendall test and ITA**
Guclu Y. S.
JOURNAL OF HYDROLOGY, vol.584, 2020 (Journal Indexed in SCI)
- IV. **Innovative triangular trend analysis**
Guclu Y. S. , Sisman E., Dabanli I.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, no.1, 2020 (Journal Indexed in SCI)
- V. **Discussion of "Critical Values for Şen's Trend Analysis" by Richard H. McCuen**
Şişman E., Güçlü Y. S. , Dabanlı İ.
Journal Of Hydrologic Engineering, vol.25, no.1, pp.1-2, 2019 (Journal Indexed in SCI Expanded)
- VI. **Air quality (AQ) identification by innovative trend diagram and AQ index combinations in Istanbul megacity**
Guclu Y. S. , Dabanli I., Sisman E., Sen Z.
ATMOSPHERIC POLLUTION RESEARCH, vol.10, no.1, pp.88-96, 2019 (Journal Indexed in SCI)
- VII. **Multiple Sen-innovative trend analyses and partial Mann-Kendall test**
Guclu Y. S.
JOURNAL OF HYDROLOGY, vol.566, pp.685-704, 2018 (Journal Indexed in SCI)
- VIII. **Frequency Analysis of Low and High Flows in Trend**
Güçlü Y. S.
CLEAN-SOIL AIR WATER, vol.46, no.5, 2018 (Journal Indexed in SCI)
- IX. **Alternative Trend Analysis: Half Time Series Methodology**
Güçlü Y. S.
WATER RESOURCES MANAGEMENT, vol.32, no.7, pp.2489-2504, 2018 (Journal Indexed in SCI)
- X. **Climate change and frequency–intensity–duration (FID) curves for Florya station, Istanbul**
Guclu Y. S. , Sisman E., Yelegen M. O.
Journal of Flood Risk Management, vol.11, 2018 (Journal Indexed in SCI Expanded)
- XI. **Regional fuzzy chain model for evapotranspiration estimation**
Güçlü Y. S. , Subyani A. M. , Sen Z.
JOURNAL OF HYDROLOGY, vol.544, pp.233-241, 2017 (Journal Indexed in SCI)
- XII. **Trend Assessment by the Innovative-Sen Method**
Dabanli I, SEN Z., Yelegen M. O. , Sisman E., SELEK B., Guclu Y. S.
WATER RESOURCES MANAGEMENT, vol.30, no.14, pp.5193-5203, 2016 (Journal Indexed in SCI)
- XIII. **Comments on "Comparison of Mann-Kendall and innovative trend method for water quality parameters of the Kizilirmak River, Turkey (Kisi and Ay, 2014)" and "An innovative method for trend analysis of monthly pan evaporations (Kisi, 2015)"**
Güçlü Y. S.
JOURNAL OF HYDROLOGY, vol.538, pp.878-882, 2016 (Journal Indexed in SCI)
- XIV. **Hydrograph estimation with fuzzy chain model**
Guclu Y. S. , SEN Z.
JOURNAL OF HYDROLOGY, vol.538, pp.587-597, 2016 (Journal Indexed in SCI)
- XV. **HARmonic-LINear (HarLin) model for solar irradiation estimation**
Guclu Y. S. , DABANLI I., Sisman E., SEN Z.
RENEWABLE ENERGY, vol.81, pp.209-218, 2015 (Journal Indexed in SCI)
- XVI. **Hydrogeological parameter estimations by partial type curve matching methodology**
Sen Z., DABANLI I., Sisman E., Guclu Y. S.
ARABIAN JOURNAL OF GEOSCIENCES, vol.8, no.1, pp.565-578, 2015 (Journal Indexed in SCI)
- XVII. **Solar irradiation estimations and comparisons by ANFIS, Angstrom-Prescott and dependency models**
Guclu Y. S. , YELEGEN M. O. , DABANLI I., Sisman E.
SOLAR ENERGY, vol.109, pp.118-124, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Trend Analysis Method on Vertical Axis**
Güçlü Y. S.
Doğal Afetler ve Çevre Dergisi, vol.8, no.1, pp.134-141, 2022 (International Refereed University Journal)
- II. **Güneş Işınımı Tahmini için Yeni Bir Yaklaşım: OrtLin Modeli**
Güçlü Y. S.
İklim Değişikliği ve Çevre, vol.5, no.1, pp.26-31, 2020 (Other Refereed National Journals)
- III. **Angström-Prescott Modelinin Polinom ile Geliştirilmesi ve Diyarbakır Güneş Işınımı Verilerine Uygulanması**
Güçlü Y. S.
Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.7, no.1, pp.75-88, 2019 (National Refreed University Journal)
- IV. **İklim Değişikliğinin Anlık Yüksek Akımlara Etkisi**
Güçlü Y. S.
Su Kaynakları, vol.4, no.1, pp.23-30, 2019 (Other Refereed National Journals)
- V. **Kuzey Marmara Otoyolunda dere köprüsü tasarımı ve uygulaması: Alemdağ dere köprüsü örneği**
Denizolgun F. S. , Güçlü Y. S. , Şen Z.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.72-88, 2018 (National Refreed University Journal)
- VI. **Kıyaslamalı Yenilikçi Eğilim Çözümlemesi Temelleri ve Uygulamaları**
Güçlü Y. S.
Doğal Afetler ve Çevre Dergisi, vol.4, no.2, pp.182-191, 2018 (National Refreed University Journal)

Citations

Total Citations (WOS):257

h-index (WOS):10