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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2020 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2020

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2011 - 2016

Dissertations

Postgraduate, Tersip bentlerinin askıda katı madde taşınımına etkilerinin incelenmesi: Sera deresi havzası (Trabzon) örneği, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2020

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Effects of sediment-storage dams on suspended sediment transport in the Sera Lake Watershed, northeast Turkey**
Mete B., Bayram A.
Environmental Earth Sciences, vol.83, no.8, 2024 (SCI-Expanded)
- Deep learning-based total suspended solids concentration classification of stream water surface images captured by mobile phone**
Haciefendioğlu K., Baki O. T., Başağa H. B., Mete B.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.195, no.12, 2023 (SCI-Expanded)
- Estimation of daily dissolved oxygen concentration for river water quality using conventional regression analysis, multivariate adaptive regression splines, and TreeNet techniques**

Articles Published in Other Journals

- I. **Assessment of the Possible Effects of Climate Change on Seawater Temperatures: A Case Study for the Central Black Sea**
Nacar S., Mete B., Tokgöz B. S., Bayram A.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.16, no.01, pp.279-289, 2024 (Peer-Reviewed Journal)
- II. **Estimation of Total Suspended Solids Concentration in Streams Using Regression and Artificial Neural Networks Methods**
Mete B., Nacar S., Bayram A., Baki O. T.
JOURNAL OF NATURAL HAZARDS AND ENVIRONMENT, vol.9, no.1, pp.125-135, 2023 (Peer-Reviewed Journal)
- III. **Monitoring and Assessing the Transport of Total Suspended Solids in The Sera Stream Watershed (Trabzon, Turkey)**
Mete B., Baki O. T., Bayram A.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.27, no.1, pp.419-436, 2022 (Peer-Reviewed Journal)
- IV. **Monitoring and assessing of total suspended solids transport in the Değirmendere, Yomra, and Galanima stream watersheds (Trabzon Province, NE Turkey)**
METE B., BAKI O. T., BAYRAM A.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.12, pp.803-817, 2022 (Peer-Reviewed Journal)
- V. **Estimation of Daily Dissolved Oxygen Concentration using Multivariate Adaptive Regression Splines Methods**
NACAR S., METE B., BAYRAM A.
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, vol.25, no.3, pp.1479-1498, 2020 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Analysis of the Influencing Factors of Variation in Sediment Concentration in the Lower Değirmendere Basin, Trabzon, Türkiye**
BAKI O. T., METE B., YÜKSEK Ö.
in: Lecture Notes in Civil Engineering, TÜRKER UMUT, EREN ÖZGÜR, UYGAR ERİŞ, Editor, Springer, pp.195-205, 2024

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of the Sediment Rating Curve in Galanima Basin, Trabzon, Türkiye**
Baki O. T., Mete B., Yüksek Ö.
International Civil Engineering and Architecture Congress , Trabzon, Turkey, 12 - 14 October 2023, vol.1, no.953, pp.621-628
- II. **Analysis of the Influencing Factors of Variation in Sediment Concentration in the Lower Değirmendere Basin, Trabzon, Türkiye**
Baki O. T., Mete B., Yüksek Ö.
15th International Congress On Advances In Civil Engineering, Gazimagusa, Cyprus (Kktc), 6 - 08 September 2023, vol.1, no.70, pp.39
- III. **Investigation of Possible Effects of Climate Change on Seawater Temperatures: A Case Study for Southern Black Sea (Giresun Province)**
Nacar S., Tokgöz B. S., Mete B., Bayram A.

Ulusal Hidrojeoloji ve Su Kaynakları Sempozyumu, Trabzon, Turkey, 25 - 27 May 2023, pp.13-20

IV. Standart Süreli Maksimum Yağış Yüksekliği Serilerinin Yenilikçi Yaklaşımlarla Eğilim Analizi: Marmara Bölgesi Örneği

AKÇAY F., METE B., KANKAL M., BAYRAM A.

11. Ulusal Hidroloji Kongresi, Trabzon, Turkey, 13 October 2022

V. Sera Deresi Havzasında (Trabzon) Askıda Katı Madde Tahmini

METE B., NACAR S., BAYRAM A., BAKI O. T.

11. Ulusal Hidroloji Kongresi, Trabzon, Turkey, 13 October 2022

VI. Estimation of Daily Dissolved Oxygen Concentration in the Clackamas River, Oregon, Using the Multivariate Adaptive Regression Splines

NACAR S., METE B., BAYRAM A.

International The 1st Innovation, Sustainability, Technology and Education in Civil Engineering Conference, Hatay, Turkey, 13 June 2019, pp.517-526

VII. Estimation of Daily Dissolved Oxygen Concentration in the Broad River, South Carolina

NACAR S., METE B., BAYRAM A.

International Civil Engineering and Architecture Conference (ICEARC'19)-2019, Trabzon, Turkey, 17 April 2019

Metrics

Publication: 17

Citation (WoS): 7

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H-Index (Scopus): 1