

Prof. Mehmet Ali Kökpınar

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-6197-2018

Yoksis Researcher ID: 278065

Foreign Languages

English

Research Areas

Hydraulic, Coastal Sedimentation, Water Resources Planning and Management, Irrigation and Drainage Engineering, Hydraulic Structures, Pipeline Hydraulics, Open Channel Flow, Hydromechanics, Bridge Hydraulics

Academic Titles / Tasks

Professor, TED University, Faculty of Engineering, Department of Civil Engineering, 2019 - Continues

Academic and Administrative Experience

Disipilin komitesi, 2021 - Continues

Disiplin Komitesi, 2021 - Continues

Jury Memberships

Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, February, 2022

December, 2021

December, 2021

December, 2021

August, 2021

February, 2021

September, 2020

August, 2020

March, 2020

May, 2019

May, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental Study on the Interaction Between Bridge Pier and Abutment Concerning Clear-Water Local Scour**
Akbulut Ö. F., Kökpınar M. A., Gogus M.
Iranian Journal of Science and Technology - Transactions of Civil Engineering, vol.48, no.4, pp.2709-2723, 2024 (SCI-Expanded)
- II. **THE PERFORMANCE OF WATER JET PUMPS AND THEIR APPLICATION IN SLURRY TRANSPORTATION**
Kokpınar m. A., GOGÜS M.
Isı Bilimi ve Tekniği Dergisi, vol.43, no.1, pp.119-134, 2023 (SCI-Expanded)
- III. **Air-Water Flow Characteristics in a B-Jump on a Sloping Surface with Pre-Aerated Inflow Conditions**
Kökpınar M. A.
Iranian Journal of Science and Technology - Transactions of Civil Engineering, vol.46, no.5, pp.3905-3917, 2022 (SCI-Expanded)
- IV. **Effect of Collars on the Downstream Movement of the Maximum Scour Depth Location Around Bridge Abutments and Piers**
Kumcu S. Y., Kökpınar M. A., Gogus M.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, vol.46, no.2, pp.1421-1432, 2022 (SCI-Expanded)
- V. **Air-water flow characteristics in a B-jump on a sloping surface with pre-aerated inflow conditions**
Kökpınar M. A.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, 2022 (SCI-Expanded)
- VI. **Numerical modelling of contracted sharp-crested weirs and combined weir and gate systems**
ALTAN SAKARYA A. B., Kökpınar M. A., Duru A.
IRRIGATION AND DRAINAGE, vol.69, no.4, pp.854-864, 2020 (SCI-Expanded)
- VII. **Effect of particle size on flip bucket scour**
Kökpınar M. A., Kucukali S.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.43, no.8, pp.759-768, 2016 (SCI-Expanded)
- VIII. **Assessment of sediment yield estimations for large watershed areas: a case study for the Seyhan, Demirkopru and Hirfanli reservoirs in Turkey**
Kökpınar M. A., ALTAN SAKARYA A. B., Kumcu S. Y., GÖĞÜŞ M.
HYDROLOGICAL SCIENCES JOURNAL-JOURNAL DES SCIENCES HYDROLOGIQUES, vol.60, no.12, pp.2189-2203, 2015 (SCI-Expanded)
- IX. **Scour protection around vertical-wall bridge abutments with collars**
Kumcu S. Y., Kökpınar M. A., GÖĞÜŞ M.
KSCE JOURNAL OF CIVIL ENGINEERING, vol.18, no.6, pp.1884-1895, 2014 (SCI-Expanded)
- X. **Computation of discharge for simultaneous flow over weirs and below gates (H-weirs)**
ALTAN SAKARYA A. B., Kökpınar M. A.
FLOW MEASUREMENT AND INSTRUMENTATION, vol.29, pp.32-38, 2013 (SCI-Expanded)
- XI. **Physical and numerical modeling of shoreline evaluation of the Kizilirmak River Mouth, Turkey**
Kökpınar M. A., Darama Y., Guler I.
JOURNAL OF COASTAL RESEARCH, vol.23, no.2, pp.445-457, 2007 (SCI-Expanded)
- XII. **Flow over a stepped chute with and without macro-roughness elements**
Kökpınar M. A.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.31, no.5, pp.880-891, 2004 (SCI-Expanded)
- XIII. **High-speed jet flows over spillway aerators**
Kökpınar M. A., Gogus M.
CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.29, no.6, pp.885-898, 2002 (SCI-Expanded)
- XIV. **Effect of particle shape on fall velocity of angular particles**
Gogus M., Ipekci O., Kökpınar M. A.
JOURNAL OF HYDRAULIC ENGINEERING, vol.127, no.10, pp.860-869, 2001 (SCI-Expanded)

XV. Critical flow velocity in slurry transporting horizontal pipelines

Kökpınar M. A., Gogus M.

JOURNAL OF HYDRAULIC ENGINEERING-ASCE, vol.127, no.9, pp.763-771, 2001 (SCI-Expanded)

Articles Published in Other Journals

I. Dolusavak Yapılarında Sayısal Modellemenin Uygulanması: Kavşak Bendi Hidroelektrik Santrali (HES) Örneği

Kumcu Ş. Y., Kökpınar M. A.

DSİ Teknik Bülteni, vol.132, no.Nisan 2019, 2019

Supported Projects

Akgüner C., Numanoğlu Genç A., KÖKPINAR M. A., TUBITAK Project, Deprem Tetiklemesiyle Harekete Geçen Heyelan Kaynaklı İtkisel Dalga Oluşumunun Deneysel ve 3-Boyutlu Sayısal Simülasyon Kullanılarak Çalışılması, Continues
Büyükyıldız M., Seyrek K., Yavuz H. İ., Kumcu P. Ş. Y., KÖKPINAR M. A., Aydın S., Aydın O., Fakıoğlu M., Baraj Rezervuarlarındaki Sedimentasyon Probleminin Sürdürülebilir Yönetimi için Stratejilerin Geliştirilmesi, Continues
Numanoğlu Genç A., Kökpınar M. A., Aktaş C. B., Horizon Europe Project, Towards the Use of Seasonal Pumped Hydropower Storage as a Tool to Address Water Shortages, 2023 - 2026
Numanoğlu Genç A., Kökpınar M. A., Baş O., Kandemir A. Ç., Nur Yılmaz G., Kaplan Can H., Gögüş M., TUBITAK Project, Düzenli Ve Düzensiz Şekilli Mikroplastik Parçacıkların Çökelme Hızlarının Deneysel, Sayısal Ve Derin Öğrenmeye Dayanan Yöntemlerle Araştırılması, 2023 - 2025

Scientific Refereeing

DSİ Teknik Bülten, December 2021

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY - TRANSACTIONS OF CIVIL ENGINEERING, SCI Journal, November 2021

DSİ Teknik Bülten, August 2021

DSİ Teknik Bülten, April 2021

FLOW MEASUREMENT AND INSTRUMENTATION, February 2021

FLOW MEASUREMENT AND INSTRUMENTATION, October 2020

Journal of Irrigation and Drainage Engineering - ASCE, September 2020

Journal of Irrigation and Drainage Engineering - ASCE, August 2020

Journal of Irrigation and Drainage Engineering - ASCE, June 2020

AIN SHAMS ENGINEERING JOURNAL, March 2020

Journal of Irrigation and Drainage Engineering - ASCE, March 2020

Journal of Hydraulic Engineering, February 2020

Journal of Irrigation and Drainage Engineering - ASCE, February 2020

Journal of Irrigation and Drainage Engineering - ASCE, January 2020

AIN SHAMS ENGINEERING JOURNAL, December 2019

DSİ Teknik Bülteni, October 2019

DSİ Teknik Bülteni, October 2019

Marine Pollution Bulletin, October 2019

FLOW MEASUREMENT AND INSTRUMENTATION, September 2019

FLOW MEASUREMENT AND INSTRUMENTATION, August 2019

FLOW MEASUREMENT AND INSTRUMENTATION, July 2019

ISH JOURNAL OF HYDRAULIC ENGINEERING, May 2019

ISH JOURNAL OF HYDRAULIC ENGINEERING, May 2019
FLOW MEASUREMENT AND INSTRUMENTATION, May 2019
FLOW MEASUREMENT AND INSTRUMENTATION, March 2019
HYDROLOGICAL SCIENCES JOURNAL, February 2019

Scientific Consultations

Limak İnşaat Ticaret Sanayi AŞ, Ted University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2020 -
Continues

Tasks In Event Organizations

Kökpınar M. A., ICHE 2022, Scientific Congress, İzmir, Turkey, Mayıs 2022