

Res. Asst. Erdal KESGİN

Personal Information

Fax Phone: [+90 212 383 5133](tel:+902123835133)

Email: ekesgin@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/ekesgin>

International Researcher IDs

ScholarID: XiU5lxYAAAAJ

ORCID: 0000-0002-9441-5359

Publons / Web Of Science ResearcherID: AAZ-5697-2020

ScopusID: 57201978105

Yoksis Researcher ID: 41144

Education Information

Doctorate, Yildiz Technical University, Civil Engineering Department, Hydraulic, Turkey 2015 - Continues

Postgraduate, Istanbul Technical University, İnşaat, Hidrolik Ve Su Kaynakları, Turkey 2012 - 2015

Undergraduate, Istanbul Technical University, İnşaat, İnşaat Mühendisliği, Turkey 2007 - 2012

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, 'Kil Çekirdekli Toprak Dolgu Atık Barajlarda Sızmanın Nümerik Metotlarla Araştırılması', İstanbul Teknik Üniversitesi, İnşaat Mühendisliği, Hidrolik Ve Su Kaynakları, 2015

Research Areas

Civil Engineering, Hydraulic, Surface Water Engineering, Hydrology, Water Resources Planning and Management, Irrigation and Drainage Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Statistical assessment of interbasin water transfer for karst areas (Turkey)
Sanlı A. S., AĞAÇCIOĞLU H., Sinan I., KESGİN E., DEMİR İ., Tan R. I.

ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.22, 2021 (SCI-Expanded)

- II. **Determination of Peaking Factors for Sewerage System in Antalya, Tourism Capital of Turkey**
Tan R. İ., Arslankaya E., Kesgin E., Ağaçcioğlu H.
Water Environment Research, vol.93, no.11, pp.2609-2622, 2021 (SCI-Expanded)
- III. **Hydrological Assessment of Experimental Behaviors for Different Drainage Methods in Sports Fields**
Gezici K., Kesgin E., Ağaçcioğlu H.
Journal Of Irrigation And Drainage Engineering-Asce, vol.1, no.1, pp.1-10, 2021 (SCI-Expanded)
- IV. **Experimental and numerical investigation of drainage mechanisms at sports fields under simulated rainfall**
Kesgin E., Ağaçcioğlu H., Doğan A.
Journal of Hydrology, vol.580, 2020 (SCI-Expanded)
- V. **Rainfall simulator for investigating sports field drainage processes**
KESGİN E., DOĞAN A., AĞAÇCIOĞLU H.
MEASUREMENT, vol.125, pp.360-370, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of lake-water budget management preferences on optimum operating conditions and neighboring basins interacting: case of Lake Beyehir (Turkey)**
Sanlı A. S., KESGİN E., TAN R. İ., AĞAÇCIOĞLU H., DEMİR İ., Sinan İ.
SUSTAINABLE WATER RESOURCES MANAGEMENT, vol.8, no.1, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **HYDROLOGICAL EVALUATION OF SPORTS FIELDS DRAINAGE**
Kesgin E., Gezici K., Ağaçcioğlu H.
INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES-9, Ankara, Turkey, 13 - 15 November 2020, pp.182-191
- II. **HAVZALAR ARASI SU TRANSFERİNİN KARSTİK BÖLGE AKARSULARINDAKİ AKIMA ETKİSİ: GEMBOS DERİVASYON KANALI ÖRNEĞİ**
Kesgin E., Ağaçcioğlu H., Sinan İ., Şanlı A. S.
1st INTERNATIONAL PALANDOKEN SCIENTIFIC RESEARCH CONGRESS, Erzurum, Turkey, 24 - 25 November 2020, pp.259-272
- III. **Flood risk management: case study of İstanbul Kavacık Stream**
KESGİN E., COŞAR A., TAN R. İ., DEMİREL İ. H.
V. International Multidisciplinary Congress of Eurasia (IMCOFE), Barselona, Spain, 24 - 26 July 2018, pp.201-211
- IV. **Investigation of Flood Risk for Istanbul Gürpınar Stream**
COŞAR A., KESGİN E., TAN R. İ., DEMİREL İ. H.
4th International Conference on Engineering and Natural Science (ICENS), KIEV, Ukraine, 2 - 06 May 2018, pp.1-12
- V. **A New Laboratory Scale Apparatus for Evaluation of Sports Field Drainage Process**
KESGİN E., DOĞAN A., AĞAÇCIOĞLU H.
International Academy of Science, Technology, Engineering and Management (IASTEM), San-Francisco, United States Of America, 20 - 21 October 2017, vol.1, pp.1-4
- VI. **Simulation Of Drainage Process In Sport Fields Subject To Various Rainfall Intensities And Various Drainage Layer Orientations**
DOĞAN A., RUKUNDO E., AĞAÇCIOĞLU H., KESGİN E.
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.408
- VII. **Evaluation of Sports Field Drainage with Developing a LaboratoryScale Apparatus**

DOĞAN A., KESGİN E., AĞAÇCIOĞLU H.

III INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES (ICENS), Budapest, Hungary, 3 - 07 May 2017, vol.1, pp.547

VIII. Meriç Havzası Taskınlarına Alternatif Çözüm Örneği Kent Alanı Dışındaki Yeraltı Desarj Kanalları G-Cans Projesi

KESGİN E., TAN R. İ., COŞAR A., Demirel İ. H.

4. Ulusal Taskın Sempozyumu, Rize, Turkey, 23 November 2016, pp.447-457

IX. Türkiye'deki Sınır Asan Sular ve Fırat Dicle Havzası Örneği

Demirel İ. H., COŞAR A., TAN R. İ., KESGİN E.

Uluslararası Kentsel su ve Atık Su Yönetimi Sempozyumu, Malatya, Turkey, 26 October 2016, pp.969-976

X. NUMERICAL INVESTIGATION OF SEEPAGE FLOW NET IN TAILINGS EARTHEN DAM

KESGİN E., Ağralıoğlu N.

International Civil Engineering&Architecture Symosium for Academicians, Antalya, Turkey, 02 May 2014

Supported Projects

Ağaçcioğlu H., Kesgin E., Technopark, İstanbul'da Meskûn Bölge Drenaj Sistemleri ve Taşkın Analizleri, 2020 - 2022

Ağaçcioğlu H., Arslankaya E., Tan Kesgin R. İ., Kesgin E., Technopark, İstanbul Atıksu Kanalizasyon Sistemlerinin Analizi, 2020 - 2022

Avcı B. C., Kesgin E., Project Supported by Other Official Institutions, Nitrata Hassas Bölgelerde Uygulanacak Eylem Planlarının Burdur, Kuzey Ege, Meriç-Ergene, Doğu Akdeniz, Batı Akdeniz, Antalya, Marmara, Konya Kapalı ve Akarçay Havzalarında Su Kalitesine Etkisinin Belirlenmesi Amacı ile Su Kalitesi Modelleme, 2019 - 2021

Ağaçcioğlu H., TUBITAK Project, Hidrolojik, İstatistiksel ve Analitik Hiyerarşik Süreç Yöntemleri Kullanılarak Havzalar Arası Su Transferinin Optimizasyonu: Beyşehir Gölü-Gembos Havzası-Manavgat Çayı Örneği, 2018 - 2021

Ağaçcioğlu H., Doğan A., TUBITAK Project, Spor sahalarının çeşitli hidrolojik ve meteorolojik şartlar altında hızlı ve etkin drenajını sağlayacak tekniklerin araştırılması, 2015 - 2018

Metrics

Publication: 17

Citation (WoS): 12

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 2

Congress and Symposium Activities

International Academy of Science, Technology, Engineering and Management, Attendee, California, United States Of America, 2018