

Assoc. Prof. ALİ ERSİN DİNÇER

Personal Information

Office Phone: [+90 352 224 8800](tel:+903522248800)

Fax Phone: [+90 352 338 8828](tel:+903523388828)

Email: ersin.dincer@agu.edu.tr

Web: <https://avesis.agu.edu.tr/5783>

Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2013 - 2017

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2010 - 2013

Undergraduate, Anadolu University, Open Education Faculty, Department Of Economics And Administrative Programs, Turkey 2006 - 2011

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2005 - 2010

Foreign Languages

English, C2 Mastery

Research Areas

Hydraulic, Hydraulic Structures, Pipeline Hydraulics, Open Channel Flow, Hydromechanics, Bridge Hydraulics, Building Dynamics

Academic Titles / Tasks

Associate Professor, Abdullah Gul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2019 - 2021

Assistant Professor, Erzurum Technical University, Faculty Of Engineering-Architecture, Department Of Civil Engineering, 2018 - 2019

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 2011 - 2017

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

- I. **Numerical and experimental investigation of sloshing in a water tank with a fully coupled fluid-structure interaction method**
Demir A., DİNÇER A. E. , Ozturk S., KAZAZ İ.
PROGRESS IN COMPUTATIONAL FLUID DYNAMICS, vol.21, no.2, pp.103-114, 2021 (Journal Indexed in SCI)
- II. **Application of Smoothed Particle Hydrodynamics to Structural Cable Analysis**

- Dinçer A. E. , Demir A.
APPLIED SCIENCES-BASEL, vol.10, no.24, pp.8983-8991, 2020 (Journal Indexed in SCI)
- III. **Experimental and Numerical Investigation of Hyper-Elastic Submerged Structures Strengthened with Cable under Seismic Excitations**
Dinçer A. E.
European Journal of Environmental and Civil Engineering, vol.1, no.1, pp.1-20, 2020 (Journal Indexed in SCI)
- IV. **Investigation of the Sloshing Behavior Due to Seismic Excitations Considering Two-Way Coupling of the Fluid and the Structure**
DİNÇER A. E.
WATER, vol.11, no.12, 2019 (Journal Indexed in SCI)
- V. **Fully Coupled Smoothed Particle Hydrodynamics-Finite Element Method Approach for Fluid-Structure Interaction Problems With Large Deflections**
Dincer A. E. , Demir A., BOZKUŞ Z., Tijsseling A. S.
JOURNAL OF FLUIDS ENGINEERING-TRANSACTIONS OF THE ASME, vol.141, no.8, 2019 (Journal Indexed in SCI)
- VI. **Numerical and experimental investigation of damping in a dam-break problem with fluid-structure interaction**
Demir A., Dincer A. E. , BOZKUŞ Z., Tijsseling A. S.
JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A, vol.20, no.4, pp.258-271, 2019 (Journal Indexed in SCI)
- VII. **Effect of Pier Inclination Angle on Local Scour Depth Around Bridge Pier Groups**
BOZKUŞ Z., Ozalp M. C. , Dincer A. E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.10, pp.5413-5421, 2018 (Journal Indexed in SCI)
- VIII. **Prediction of Pressure Variation at an Elbow Subsequent to a Liquid Slug Impact by Using Smoothed Particle Hydrodynamics**
Dincer A. E. , BOZKUŞ Z., Tijsseling A. S.
JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.140, no.3, 2018 (Journal Indexed in SCI)
- IX. **Investigation of Waterhammer Problems in Wind-Hydro Hybrid Power Plants**
Dincer A. E. , BOZKUŞ Z.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.41, no.12, pp.4787-4798, 2016 (Journal Indexed in SCI)
- X. **Investigation of the water hammer problems in water-wind hybrid systems Su-rüzgar hibrit sistemlerinde su darbesi problemlerinin araştırılması**
Dinçer A. E. , BOZKUŞ Z.
Teknik Dergi/Technical Journal of Turkish Chamber of Civil Engineers, vol.26, no.3, pp.7183-7189, 2015 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Batık Minarelerde Su Seviyesinin Yapıya Olan Etkisinin Sayısal Olarak İncelenmesi**
Dinçer A. E. , Demir A.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.1, pp.325-332, 2021 (International Refereed University Journal)
- II. **Numerical investigation of sloshing with baffles having different elasticities**
Demir A., Dinçer A. E.
Challenge Journal of Structural Mechanics, vol.6, no.4, pp.176-182, 2020 (International Refereed University Journal)
- III. **Ardıl Baraj Yıkılmasının Mansapta Bulunan Elastik Yapı Üzerindeki Etkisinin Yapı-Sıvı Etkileşimi Yöntemi ile İncelenmesi**
Dinçer A. E. , Demir A.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.4, pp.2659-2667, 2020 (International Refereed University Journal)

IV. MPS ve FEM tabanlı akışkan-yapı etkileşimi modelinin çoruh nehri üzerindeki ardıl baraj-yıkılma problemine uygulanması

Demir A., Dinçer A. E.

Doğal Afetler ve Çevre Dergisi, vol.3, no.2, pp.64-69, 2017 (International Refereed University Journal)

V. Head Loss Estimation for Water Jets from Flip Buckets

Yavuz C., Dinçer A. E. , Aydın İ.

The International Journal of Engineering and Science, vol.5, no.11, pp.48-57, 2016 (Refereed Journals of Other Institutions)

VI. Head Loss Estimation of Water Jets from Flip Bucket of Cakmak-1 Diversion Weir and HEPP

Yavuz C., Dinçer A. E.

Journal of Civil Engineering and Architecture Research, vol.2, no.9, pp.931-937, 2015 (Refereed Journals of Other Institutions)

Citations

Total Citations (WOS):33

h-index (WOS):4