

Assoc. Prof. Oral Yađcı

Personal Information

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Education Information

Doctorate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, Turkey 2000 - 2006

Postgraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, Turkey 1998 - 2000

Undergraduate, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, Turkey 1990 - 1995

Dissertations

Doctorate, The impact of different forms of single natural vegetative elements on flow characteristics in open channels, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2006

Postgraduate, Şevli dalgakıranlarda kaplama tabakasında kullanılan antifer blokların stabilitesinin incelenmesi, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2000

Research Areas

Technical Sciences, Civil Engineering, Hydraulic, Surface Water Engineering, Hydrology, Water Resources Planning and Management, Hydraulic Structures, Open Channel Flow, Bridge Hydraulics

Academic Titles / Tasks

Associate Professor, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2011 - Continues

Associate Professor, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2011 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 2010 - 2011

Research Assistant, İstanbul Teknik Üniversitesi, İnşaat Fakültesi, İnşaat Mühendisliđi Bölümü, 1998 - 2010

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

- I. **Impact of nearshore vegetation on coastal dune erosion: assessment through laboratory experiments**
Turker U., Yađcı O., Kabdaşlı M. S.
ENVIRONMENTAL EARTH SCIENCES, vol.78, no.19, 2019 (Journal Indexed in SCI)
- II. **Clear-water scour and flow field alteration around an inclined pile**
Kitsikoudis V., Kirca V. Ş. Ö., Yađcı O., Çelik M. F.
COASTAL ENGINEERING, vol.129, pp.59-73, 2017 (Journal Indexed in SCI)
- III. **Experimental investigation of the hydroelastic and the structural response of a moored pontoon-type modular floating breakwater with flexible connectors**
Loukogeorgaki E., Lentsiou E. N., Aksel M., Yađcı O.
COASTAL ENGINEERING, vol.121, pp.240-254, 2017 (Journal Indexed in SCI)
- IV. **Experimental investigation of channel flow through idealized isolated tree-like vegetation**

Kitsikoudis V., Yağcı O., Kırca V. Ş. Ö. , KELLECIOGLU D.

ENVIRONMENTAL FLUID MECHANICS, vol.16, no.6, pp.1283-1308, 2016 (Journal Indexed in SCI)

- V. **Scour patterns around isolated vegetation elements**
Yağcı O., CELIK M. F. , KITSIKOUDIS V., Kırca V. Ş. Ö. , HODOGLU C., Valyrakis M., DURAN Z., KAYA Ş.
ADVANCES IN WATER RESOURCES, vol.97, pp.251-265, 2016 (Journal Indexed in SCI)
- VI. **Machine learning based mapping of the wave attenuation mechanism of an inclined thin plate**
Yağcı O., KITSIKOUDIS V.
APPLIED OCEAN RESEARCH, vol.53, pp.107-115, 2015 (Journal Indexed in SCI)
- VII. **Wave attenuation and flow kinematics of an inclined thin plate acting as an alternative coastal protection structure**
Yağcı O., Kırca V. Ş. Ö. , ACANAL L.
APPLIED OCEAN RESEARCH, vol.48, pp.214-226, 2014 (Journal Indexed in SCI)
- VIII. **3D Experimental investigation of the structural response and the effectiveness of a moored floating breakwater with flexibly connected modules**
Loukogeorgaki E., YAGCI O., Kabdaşlı M. S.
COASTAL ENGINEERING, vol.91, pp.164-180, 2014 (Journal Indexed in SCI)
- IX. **The effect of an emergent vegetation (i.e. Phragmites Australis) on wave attenuation and wave kinematics**
Akgul M. A. , Yilmazer D., OGUZ E., Kabdaşlı M. S. , YAGCI O.
JOURNAL OF COASTAL RESEARCH, pp.147-152, 2013 (Journal Indexed in SCI)
- X. **Performance of an inclined thin plate in wave attenuation**
Acanal L., Loukogeorgaki E., Yağcı O., Kırca V. Ş. Ö. , AKGUEL A.
JOURNAL OF COASTAL RESEARCH, pp.141-146, 2013 (Journal Indexed in SCI)
- XI. **Comments on "Flow resistance of one-line emergent vegetation along the floodplain edge of a compound open channel" by Xin Sun, Koji Shiono [Adv. Water Resour. 32 (2009), 430-438]**
Yağcı O., Kırca V. Ş. Ö.
Advances in Water Resources, vol.33, no.8, pp.947-948, 2010 (Journal Indexed in SCI Expanded)
- XII. **The role of different forms of natural riparian vegetation on turbulence and kinetic energy characteristics**
Yağcı O., TSCHIESCHE U., Kabdaşlı M. S.
ADVANCES IN WATER RESOURCES, vol.33, no.5, pp.601-614, 2010 (Journal Indexed in SCI)
- XIII. **Hydraulic aspects of pool-weir fishways as ecologically friendly water structure**
Yagci O.
ECOLOGICAL ENGINEERING, vol.36, no.1, pp.36-46, 2010 (Journal Indexed in SCI)
- XIV. **The impact of single natural vegetation elements on flow characteristics**
Yagci O., Kabdaşlı M. S.
HYDROLOGICAL PROCESSES, vol.22, no.21, pp.4310-4321, 2008 (Journal Indexed in SCI)
- XV. **Scenarios of tsunami amplitudes in the north eastern coast of Sea of Marmara generated by submarine mass failure**
Hayır A., SESEOGULLARI B., KILINC I., ERTURK A., Cıgızoğlu H. K. , Kabdaşlı M. S. , Yağcı O., DAY K.
COASTAL ENGINEERING, vol.55, no.5, pp.333-356, 2008 (Journal Indexed in SCI)
- XVI. **3D numerical modelling of a willow vegetated river/floodplain system**
Wilson C. A. M. E. , Yagci O., RAUCH H. -, OLSEN N. R. B.
JOURNAL OF HYDROLOGY, vol.327, pp.13-21, 2006 (Journal Indexed in SCI)
- XVII. **An experimental model application of wavescreeen: Dynamic pressure, water particle velocity, and wave measurements**
Yagci O., KIRCA V., Kabdasli M. S. , CELIK A. B. , UNAL N. E. , AYDINGAKKO A.
OCEAN ENGINEERING, vol.33, no.10, pp.1299-1321, 2006 (Journal Indexed in SCI)
- XVIII. **Analysis of coastal damage of a beach profile under the protection of emergent vegetation**
Turker U., YAGCI O., Kabdasli M. S.
OCEAN ENGINEERING, vol.33, pp.810-828, 2006 (Journal Indexed in SCI)

- XIX. **Artificial intelligence methods in breakwater damage ratio estimation**
Yagci O., MERCAN D., CIGIZOGLU H. K. , Kaldasli M. S.
OCEAN ENGINEERING, vol.32, pp.2088-2106, 2005 (Journal Indexed in SCI)
- XX. **The stability of the antifer units used on breakwaters in case of irregular placement**
Yagci O., KAPDASLI S., Cigizoglu H. K.
OCEAN ENGINEERING, vol.31, pp.1111-1127, 2004 (Journal Indexed in SCI)
- XXI. **Alternative placement technique for antifer blocks used on breakwaters**
Yagci O., KAPDASLI S.
OCEAN ENGINEERING, vol.30, no.11, pp.1433-1451, 2003 (Journal Indexed in SCI)

Supported Projects

Yağcı O., Project Supported by Higher Education Institutions, Flow Field Alteration due to Permeability and Subcanopy Flow for Emergent Vegetation, 2016 - 2018

Yağcı O., Project Supported by Higher Education Institutions, THE VARIATION OF LOCAL SCOUR PATTERN AROUND REPRESENTATIVE NATURAL VEGETATION ELEMENTS, 2015 - 2018

Yağcı O., Project Supported by Higher Education Institutions, Bir Taşkına Ait Hidrografın Kabarma ve Çekilme Eğrisi Kısımlarında Hidrolik Karakteristiklerin Zamansal Değişimi, 2012 - 2014

Citations

Total Citations (WOS):336

h-index (WOS):12