





Assist. Prof. Dr. EFSUN BACAĞSIZ

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Interview Hours: arşamba - 13:00 - 14:00
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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Kocaeli University	Civil Engineering (Phd)	2018 - 2024
Master's Degree	Kocaeli University	Civil Engineering (Master's) (with Thesis)	2015 - 2018
Bachelor's Degree	Kocaeli University	Department of Civil Engineering	2009 - 2014

RESEARCH AREAS

Hydraulic , Hydraulic Structures, Planning, Design and Management of Water Resources

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Doctor Faculty Member	Altınbaş University	Department of Civil Engineering	2025 -

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
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ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

Flood Management with Flood Galleries in a Reservoir Basin

KARA DİLEK ZUHAL ELİF,OPAN MÜCAHİT,BACAĞSIZ EFSUN

Water Resources Management, 2025

[International](#) DOI: 10.1007/s11269-025-04322-3

Selection of a dam site by using AHP and VIKOR: The Sakarya Basin

KARA DİLEK ZUHAL ELİF,OPAN MÜCAHİT,BACAĞSIZ EFSUN,HERGÜL AHMET SERHAN

Open Chemistry, 2025

[International](#) DOI: 10.1515/chem-2025-0175

Evaluation of Optimal Energy Production Using Deterministic, Probabilistic and Risky Cases In a Multi-Reservoir System

BACAĞSIZ EFSUN,OPAN MÜCAHİT,KARA DİLEK ZUHAL ELİF,KARADENİZ MURAT

Water Resources Management, 2023

[International](#) DOI: 10.1007/s11269-023-03633-7

Optimal Energy Production in the Yeşilırmak River Basin

OPAN MÜCAHİT,BACAĞSIZ EFSUN

Sakarya University Journal of Science, 2018

[National](#) DOI: 10.16984/saufenbilder.395770

PROCEEDINGS

PROCEEDINGS

Çok Değişkenli Regresyon Analizi ile Optimal Enerji Üretiminin Değerlendirilmesi

BACAĞSIZ EFSUN, OPAN MÜCAHİT

Uluslararası Marmara Fen Bilimleri Kongresi 2023,

International

Selection of Dam Site by Using AHP and VIKOR: The Sakarya Basin / AHP ve VIKOR Yöntemleri Kullanılarak Baraj Yerinin Seçimi: Sakarya Havzası

KARA DİLEK ZUHAL ELİF, BACAĞSIZ EFSUN, Al-Janabi Ahmed, OPAN MÜCAHİT, ALADAĞ ZERRİN

VI. International Earthquake Symposium Kocaeli 2019,

International

Selection of Dam Type By Using A Combined ANP And DEMATEL Under Earthquake / Depremde ANP ve DEMATEL Kombinasyonu Kullanılarak Baraj Yeri Seçimi

Al-Janabi Ahmed, KARA DİLEK ZUHAL ELİF, BACAĞSIZ EFSUN, ALADAĞ ZERRİN, OPAN MÜCAHİT

VI. International Earthquake Symposium Kocaeli 2019,

International

Yeşilirmak Havzasında Mekansal Karar Destek Sisteminin Çok Barajlı Sistem İşletimi İçin Alt Model Önerisi

BACAĞSIZ EFSUN, EKİNCİ ÖNDER, OPAN MÜCAHİT

4. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi 2019,

International

Yeşilirmak Havzasında Bulunan Çok Barajlı Bir Su Kaynakları Sisteminde Optimal Enerji Üretimi

OPAN MÜCAHİT, BACAĞSIZ EFSUN

Uluslararası Su ve Çevre Kongresi 2018,

International

PROJECTS

THESIS SUPERVISION

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	CVE106	TOPOGRAPHY
Bachelor's Degree	CVE466	HYDRAULIC ENGINEERING II
Bachelor's Degree	CVE481	SPECIAL TOPICS IN CIVIL ENGINEERING I
Bachelor's Degree	CVE321	FLUID MECHANICS
Bachelor's Degree	CVE305	FLUID MECHANICS
Bachelor's Degree	CVE366	HYDRAULIC ENGINEERING I
Bachelor's Degree	CVE306	HYDRAULIC ENGINEERING

PERSONAL INFORMATION

CONTACT INFORMATION

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