



Assist. Prof. Dr. SEPEHR SAEDI

Mahmutbey Technology Campus
+90 (212) 604 01 00 / 314
sepehr.saedi@altinbas.edu.tr

0000-0002-5255-2099



Sepehr Saedi



EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Master's Degree	Tabriz Azad University	Geotechnical Engineering	2015 - 2017
Doctoral Degree	Black Sea Technical University	Department of Civil Engineering	2011 - 2019
Master's Degree	Tabriz University	Hydraulic Structures	2003 - 2006
Bachelor's Degree	Tabriz Azad University	Civil Engineering	1998 - 2003

RESEARCH AREAS

Hydraulic Structures, Geotechnical Engineering, Road and Transportation Engineering

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Doctor Faculty Member	Avrasia University	Department of Civil Engineering	2022 - 2022
Doctor Faculty Member	Altinbas University	Department of Civil Engineering	2022 -
Teaching Assistant	Tabriz Azad University	Civil Engineering	2006 - 2017

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
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ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
Pavement Design Engineering Organization	Member	2017 - 2025
Iranian Geotechnical Engineering Organization	Member	2016 - 2021
USA Civil Engineering Organization (ASCE)	Member	2014 - 2025
International Commission on Large Dams (ICOLD)	Member	2012 - 2025
Iranian Organization for Engineering Order of Building.	Member	2010 - 2019

NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

ARTICLES

Evaluation of the effect of para-aramid and micro-polyolefin fibers on permanent displacement in stone mastic asphalt

SAEDI SEPEHR

Journal of Sustainable Construction Materials and Technologies, 2024

National DOI: 10.47481/jscmt.1501623

Investigating the Possibility of Using Roof Shingles Waste and Fibers in Stone Mastic Asphalt Pavements

SAEDI SEPEHR, ORUÇ ŞEREF

International Journal of Transportation Engineering, 2022

International DOI: 10.22119/IJTE.2021.275577.1560

ARTICLES

The Effects of Nano Bentonite and Fatty Arbocel on Improving the Behavior of Warm Mixture Asphalt against Moisture Damage and Rutting

SAEDI SEPEHR, ORUÇ ŞEREF

Ital Publication, 2020

International DOI: 10.28991/cej-2020-03091514

The Influence of SBS, Viatop Premium and FRP on the Improvement of Stone Mastic Asphalt Performance

SAEDI SEPEHR, ORUÇ ŞEREF

MDPI AG, 2020

International DOI: 10.3390/fib8040020

The Combined Effect of SBS and Proplast in Improving the Stone Mastic Asphalt Performance

SAEDI SEPEHR

Quarterly Journal of Transportation Engineering, 2019

International

Methods for Maintenance of flexible Asphalt Pavements and Preventative life time

SAEDI SEPEHR

Bulletin of Environment, Pharmacology and Life Sciences, 2015

International

Laboratory investigation of the effect of de-icing solutions on moisture susceptibility of hot mix asphalt with biomass fibers

Sepehr Saedi

Innovative Infrastructure Solutions, 2024

International DOI: <https://doi.org/10.1007/s41062-024-01757-2>

PROCEEDINGS

Investigation the effect of additives containing fatty acids on the potential for asphalt binder rutting and the moisture properties of stone-mastic asphalt.

Sepehr Saedi

The 12 th Bitumen, Asphalt & Machinery National Conference & Exhibition ,

National

Numerical Modeling of the impact of stone columns on liquefaction

Sepehr Saedi

2nd International Conference on New Technologies Application in Engineering,

International

USING FIBER CHIP SEAL AS AN INTERLAYER TO PREVENT THE GROWTH OF REFLECTIVE CRACKS

Sepehr Saedi

ICEARC 2019,

International

Statical analysis of gravity concrete dams under thermal stresses due to cement hydration

Sepehr Saedi

3rd National Congress on Civil Engineering,

International

The improving effect of SBS and lime together on mechanics and physical properties of hot mix asphalt

Sepehr Saedi

10th International Congress on Civil Engineering,

International

PROJECTS

THESIS SUPERVISION

THESIS SUPERVISION

Carbon nanotube Reinforcement Effects on Hot mix asphalt: A simulation-based study.

AUWAL USMAN NADADA

2024 Master's Degree

COURSES

Course Type	Course Code	Course Name
Bachelor's Degree	CVE366	HYDRAULIC ENGINEERING I
Bachelor's Degree	CVE470	CONSTRUCTION MANAGEMENT
Bachelor's Degree	CVE362	ROAD CONSTRUCTION
Bachelor's Degree	CVE321	FLUID MECHANICS
Bachelor's Degree	CVE106	TOPOGRAPHY
Bachelor's Degree	CVE101	INTRODUCTION TO CIVIL ENGINEERING
Master's Degree	CVE 550	PROFESSIONAL CONSTRUCTION MANAGEMENT
Master's Degree	CVE 536	CIVIL ENGINEERING INFRASTRUCTURES
Master's Degree	CVE 598	MASTER PROJECT
Master's Degree	CVE 534	WATER RESOURCES SYSTEMS

PERSONAL INFORMATION

CONTACT INFORMATION

Mahmutbey Technology Campus

Mahmutbey Dilmenler Caddesi, No:26, 34217 Bağcılar - İSTANBUL

+90 (212) 604 01 00 / 314

