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ENGINEERING FACULTY

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VISIT TO CIVIL ENGINEERING

Within the scope of Erasmus+ academic cooperation, Academicians Dr. inż. Piotr GORZELAŃCZYK, Mgr. inż. Paweł SZUBERT, Mgr. inż. Paweł GRZYBOWSKI and Mgr. Paweł ŁOJEWSKI from Akademia Nauk Stosowanych im. Stanisława Staszica w Piła (Stanisław Staszic State University of Applied Sciences – Piła, Poland) were hosted at the Department of Civil Engineering.



ERASMUS+ TEACHING MOBILITY

Assist. Prof. Dr. Tevfik Denizhan Müftüoğlu from the Department of Civil Engineering participated in the International Teaching Week (IW-2025) program organized by the Faculty of Civil Engineering, Vilniaus Kolegija (VIKO), Lithuania, within the scope of the Erasmus+ Teaching Mobility between 2–7 March 2025.





VISIT TO TUBITAK NATIONAL METROLOGY INSTITUTE

Our faculty's 3rd year students visited the TÜBİTAK National Metrology Institute for the MTH300 Introduction to Metrology course they took within the scope of the Sector Campus Program. We would like to thank Dr. Kevser TOPAL for her hospitality.



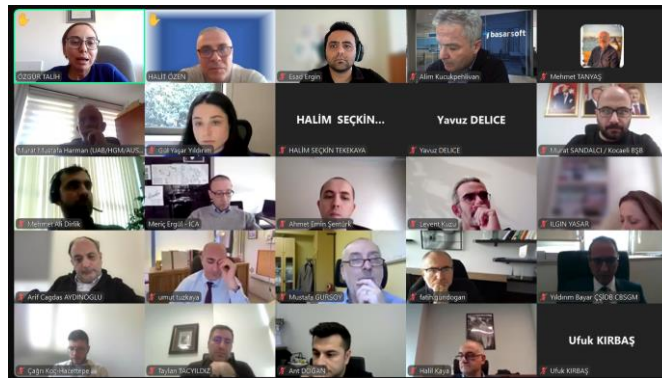
WORKSHOP ATTENDANCE

The hybrid workshop of our TUBITAK-JSPS (Turkey-Japan) project titled “Estimation of Large Earthquake Ground Motions for Condition-Dependent Fragility Curves of Buildings” was held on March 11, 2025, from 9:30 to 4:45 Turkish time (CET+2). All speakers and dual project team members attended the event on March 11 at the METU campus in Ankara. The program included talks on site characterization, ground motion simulations, and seismic damage modeling. The program will conclude with a Special Session on the Recent Earthquake Swarm in the Aegean Sea. Assist. Prof. Dr. Kaveh DEHGHANIAN participated in the program online.



SMART TRANSPORTATION SYSTEMS MEETING

The Presidency of the Republic of Turkey Science, Technology and Innovation Policies Board (BTYPK) Integrated, Efficient, Safe, Environmentally Friendly Intelligent Transportation Systems Technology Roadmap Working Group Meetings were held. A study is being conducted to be presented to the Presidency of the Republic of Turkey on August 15, 2025, which will include innovative and disruptive intelligent transportation systems policies. Within the scope of this study, meetings were held on 27/02/2025, 06/03/2025 and 13/03/2025. The meetings held via Zoom are held periodically every week. Periodic meetings will continue after the consolidation of the generated policies and innovative ideas. Assist. Prof. Dr. Esad ERGİN from the Department of Civil Engineering attended the meeting.



ERASMUS+ EDUCATION MOBILITY

Res. Asst. Gamze MADEN MÜFTÜOĞLU from Software Engineering went to Vilnius Kolegija University in Lithuania with the Erasmus+ Training Staff Mobility between 2–7 March 2025 in order to develop academic collaborations.





CONFERENCE

A conference day on cellular base stations was held by the Department of Electrical and Electronics Engineering.

The poster is for a conference titled "Understanding Cellular Base Stations Practical Applications In Telecommunications". It is organized by the Electrical-Electronics Engineering Department of Istanbul Aydın University. The poster features two speakers: Reşat Ahmet TANIŞ, Executive Consultant, and Assist. Prof. Mohammed Alkrunz, Head of Department. The date is 13.03.2025, from 11.00 to 13.00. The location is T Blok 1. Floor / T117.

ISTANBUL AYDIN UNIVERSITY | ELECTRICAL-ELECTRONICS ENGINEERING DEPARTMENT

**Understanding Cellular Base Stations
Practical Applications In Telecommunications**

Reşat Ahmet TANIŞ
Executive Consultant

Assist. Prof. Mohammed Alkrunz
Istanbul Aydın University
Electrical-Electronics Engineering
Head of Department

• 13.03.2025
• 11.00 - 13.00
• Location: T Blok 1. Floor / T117

SEMINAR WORK

Head of the Industrial Engineering Department, Assist. Prof. Dr. Yavuz Çağlar ÇERŞİT, was in Berlin as a guest of the bank between 10-15 March 2025 for a seminar on ensuring the security of financial data in the banking sector, evaluating potential weaknesses in terms of financial risk management, and analyzing the efficiency and productivity of Mizuho Bank Europa N.V.



LATEST ACADEMIC PUBLICATIONS

Prof. Dr. Abdulhadi BAYKAL

Functionalized Magnetic Nanohybrids Synthetic Approaches, Biomedical, and Environmental Applications, Micro&Nano Technologies Series, Elsevier, 2025

Prof. Dr. Zafer ASLAN

Editor's article on World Water Day in the MMO Magazine Special Issue.

Assoc. Prof. Dr. Hasan Volkan ORAL

Müftüoğlu, T. D., & Oral, H. V. (2025). Implementing Rainwater Harvesting in Blocks for a Sustainable University Campus. *Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi*, 8(2), 543-565. <https://doi.org/10.47495/okufbed.1519458>

Assoc. Prof. Dr. Raheleh MIRZAEI

Dragan Pamucar, Ahmad Heydari, Nima Mirzaei, Sadegh Niroomand, Raheleh Nowzari. (2025). A Feature Selection Approach Based on Information Theory with Application to the International Monetary Fund and World Bank Economic Data Sets. *International Journal of Information Technology & Decision Making*

Assist. Prof. Dr. Abdulkader ALWER

Transforming Education in the Digital Era: Leveraging Emerging Technologies to Enhance Innovation and Quality, *International Symposium on the Improvement of Education in Light of New Technologies and Developments*, 2025

Assist. Prof. Dr. Mahdi TABATABAEI MALAZI

Shape Optimization of Isosceles Triangle Facades for Improving the Aerodynamics of a Tall Building, M Tabatabaei Malazi, *K Fakh Journal of Applied Fluid Mechanics* 18 (5), 1231-1245

Assist. Prof. Dr. Tevfik Denizhan MÜFTÜOĞLU

Müftüoğlu, T. D., & Oral, H. V. (2025). Implementing Rainwater Harvesting in Blocks for a Sustainable University Campus. *Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi*, 8(2), 543-565. <https://doi.org/10.47495/okufbed.1519458>

MUFTUOGLU, T. D. (2025). Acil Sağlık Tesislerinde Yağmur Suyu Hasadı Üzerine Bir Ön Araştırma: Yeşilköy Prof. Dr. Murat Dilmener Hastanesi Örneği. *Kadirli Uygulamalı Bilimler Fakültesi Dergisi*, 5(1), 145–172

Res. Assist. Tuğçe CEYHAN

Uzun, D. E., Ceyhan, T., Tomas, M., & Capanoglu, E. (2025). Recent advances in improving anthocyanin stability in black carrots. *Critical Reviews in Food Science and Nutrition*, 1-23.