

Asst. Prof. MEHMET CEMAL ACAR

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 40715

Fax Phone: [+90 352 437 5267](tel:+903524375267)

Email: acarc@kayseri.edu.tr

Web: <https://avesis.kayseri.edu.tr/acarc>

Address: Erciyes Üniversitesi Kayseri Meslek Y.O İnşaat Bölümü 38039 KAYSERİ

Education Information

Doctorate, Sakarya Üniversitesi, Mühendislik Fakültesi, İnşaat/Geoteknik, Turkey 2004 - 2011

Post Graduate, Erciyes Üniversitesi, Mühendislik Fakültesi, İnşaat/Geoteknik, Turkey 1996 - 1998

Under Graduate, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, İnşaat, Turkey 1984 - 1990

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

IT, Sun Workstation Sparcstation IPC Operating System and ARRİSCAD B&D Software, OHRA CORPORATION, 1993

Education Management and Planning, A Course of Study During 8th November 1991 to 10th August 1992, THE SCHOOL OF CIVIL ENGINEERING AND BUILDING-BOLTON INSTITUTE, 1992

Education Management and Planning, COMPETENCE IN COMPUTING (AUTOCAD), Bolton Institute Of Higher Education, 1992

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Automated Problem Solving, Theorem Proving and Logical Reasoning, Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics, Building materials, Materials in Civil Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Erciyes Üniversitesi, Kayseri Meslek Yüksekokulu, İnşaat, 2018 - Continues

Assistant Professor, Erciyes Üniversitesi, Kayseri Meslek Yüksekokulu, İnşaat, 2012 - 2018

Lecturer, Erciyes Üniversitesi, Kayseri Myo, İnşaat, 1991 - 2012

Professional Experience

Director of Vocational School, Kayseri Üniversitesi, Tomarza Meslek Yüksekokulu, 2018 - Continues

Head of Department, Erciyes Üniversitesi, Kayseri Meslek Yüksekokulu, İnşaat Bölümü/İnşaat Teknolojisi Programı, 2012

- Continues

Courses

Derin Kazıların Desteklenmesi, Post Graduate, 2013 - 2014
Arazi Deneyleri ve Desteklenmesi, Post Graduate, 2013 - 2014
Zemin Mekaniği-1, Associate Degree, 2013 - 2014
Zemin Mekaniği-2, Associate Degree, 2013 - 2014

Jury Memberships

Post Graduate, Post Graduate, Niğde Ömer Halisdemir Üniversitesi, July, 2019

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

- I. **Models to estimate the elastic modulus of weak rocks based on least square support vector machine**
ACAR M. C. , KAYA B.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, 2020 (Journal Indexed in SCI)
- II. **New approaches to determine the ultimate bearing capacity of shallow foundations based on artificial neural networks and ant colony optimization**
KALINLI A., Acar M. C. , Gunduz Z.
ENGINEERING GEOLOGY, vol.117, pp.29-38, 2011 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF SPT VALUES BY SPATIAL ANALYSIS METHOD OYMAAĞAÇ (KAYSERİ) EXAMPLE**
Acar M. C. , Kaya D.
INTERNATIONAL BLACK SEA COASTLINE COUNTRIES SYMPOSIUM-3, Zonguldak, Turkey, 18 - 20 October 2019, pp.304-313
- II. **Meslek Yüksekokullarında Uygulamalı ve Proje Odaklı Eğitim Modelleri**
Acar M. C. , Kayabaşı R.
8 th International Vocational Schools Symposium UMYOS19, Sinop, Turkey, 11 - 13 June 2019, vol.1, pp.301-312
- III. **Organize Sanayi Bölgesi Yakınında Kurulan Meslek Yüksekokullarının Eğitim-Sanayi İşbirliğine olan Etkisinin Değerlendirilmesi**
Kayabaşı R., Acar M. C.
8 th International Vocational Schools Symposium UMYOS19, Sinop, Turkey, 11 - 13 June 2019, vol.1, pp.217-226
- IV. **The Evaluation of The Bearing Capacity of Surface Foundation with GIS**
Acar M. C. , Kaya D.
III. INTERNATIONAL SCIENTIFIC AND VOCATIONAL STUDIES CONGRESS – ENGINEERING (BILMES EN 2019) , Nevşehir, Turkey, 27 - 30 June 2019, pp.127-131
- V. **Modulus of Elasticity Determination of Rocks Using Compressometer, Strain Gauge and Lvdt.**
ACAR M. C. , Gündüz Z., KARA H. B.
ACE 2014 11'th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 October 2014, vol.1, no.1676, pp.1-6
- VI. **The Effects of Freezing and Thawing Cycles on The P-wave Velocity and The Strength of Tuffs**
ACAR M. C. , Gündüz Z.
8TH INTERNATIONAL MARBLE AND NATURE STONE CONGRESS, Turkey, 01 December 2012, pp.479-495
- VII. **Utilization of Kayseri Zinc-Lead Metal Industry Inc.'s waste materials for Soil stabilization**

ACAR M. C. , KARA H. B.

4th INTERNATIONAL CONGRESS ON ADVANCES IN CIVIL ENGINEERING, Cyprus (Kktc), 01 November 2000, vol.1,
pp.287-296

Scientific Refereeing

Arabian Journal Of Geosciences, SCI Journal, December 2019

Invited Congress and Symposium Activities

11th International Congress on Advances in Civil Engineering- ACE 2014, Attendee, in Istanbul, 21-25 October 2014,
Turkey, 2014

Citations

Total Citations (WOS):41

h-index (WOS):1