

Prof. CEM SARAÇ

Personal Information

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Education Information

Doctorate, University of Leeds, Engineering Faculty, Mining and Mineral Engineering Department, England 1988 - 1993

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Jeoloj Mühendisliği, Turkey 1985 - 1987

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği (Maden) Bölümü, Turkey 1981 - 1985

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Improved methods for geostatistical simulation, University Of Leeds, Engineering Faculty, Mining And Mineral Engineering, 1993

Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Energy Resources, Mineral Deposits, Mineral Exploration Geology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1998 - 2003

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1995 - 1998

Research Assistant PhD, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1993 - 1995

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1986 - 1993

Academic and Administrative Experience

Vice Rector, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2012 - 2016

Head of Department, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2006 - 2012

Head of Department, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1997 - 2005

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Cretaceous subduction-related magmatism and associated porphyry-type Cu-Mo prospects in the Eastern Pontides, Turkey: New constraints from geochronology and geochemistry**
Delibas O, MORITZ R, Ulianov A, CHIARADIA M, Sarac C, REVAN K. M., GOC D.
LITHOS, vol.248, pp.119-137, 2016 (SCI-Expanded)
- II. **An approach to geochemical characterization of productive versus barren granitoids in terms of iron in Central Turkey**
KUŞCU I, Gencalioglu-Kuscu G, Sarac C, Meinert L.
JOURNAL OF ASIAN EARTH SCIENCES, vol.24, no.3, pp.311-325, 2004 (SCI-Expanded)
- III. **Geostatistical simulation of the total organic carbon values: An example from petroleum source rocks on the coastal area of western Taurus region, Turkey**
Sarac C., Demirel I., Sen O., Varol N.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.22, pp.367-379, 2004 (SCI-Expanded)
- IV. **Case history of controlling a major landslide at Karandu, Turkey**
YILMAZER İ., Yilmazer O., Sarac C.
ENGINEERING GEOLOGY, vol.70, pp.47-53, 2003 (SCI-Expanded)
- V. **Geostatistical simulation study of porosity and hydrocarbon saturation values in the vicinity of Adiyaman, Turkey**
Yurdagul A., Sarac C., Demirel I.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.21, pp.1867-1878, 2003 (SCI-Expanded)
- VI. **Calculation of the amounts of hydrocarbons generated from the Lower Antalya Nappes, Western Taurus Region: The importance of the fractional conversion (f) value**
Demirel I., Sarac C.
PETROLEUM SCIENCE AND TECHNOLOGY, vol.21, pp.1347-1368, 2003 (SCI-Expanded)
- VII. **Spatial variability of Cr₂O₃% in the Kizilyuksek-Yataardic chromite deposit, Adana, Turkey**
Tercan A., Sarac C.
INTERNATIONAL GEOLOGY REVIEW, vol.43, no.8, pp.676-682, 2001 (SCI-Expanded)
- VIII. **Geostatistical reserve estimation: A case study in the Canakci coal seam of Ermenek Basin, Turkey**
Demirel I., Sarac C., Sen O.
ENERGY SOURCES, vol.22, no.10, pp.925-933, 2000 (SCI-Expanded)
- IX. **Geology and ore-reserve estimation at Sivrihisar sepiolite mine, Eskisehir, Turkey**
Sarac C.
TRANSACTIONS OF THE INSTITUTIONS OF MINING AND METALLURGY SECTION A-MINING TECHNOLOGY, vol.107, 1998 (SCI-Expanded)
- X. **A NEURAL-NETWORK APPROACH TO GEOSTATISTICAL SIMULATION**
DOWD P., SARAC C.
MATHEMATICAL GEOLOGY, vol.26, no.4, pp.491-503, 1994 (SCI-Expanded)

Articles Published in Other Journals

- I. **Grade and reserve estimation of the tulovasi borate deposit by block kriging**
SARAÇ C., TERCAN A. E.
International Geology Review, vol.38, no.9, pp.832-837, 1996 (Scopus)

Books & Book Chapters

- I. **Maden yataklarının değerlendirilmesinde jeostatistiksel yöntemler**
Tercan A. E., Saraç C.
TMMOB Jeoloji Müh. Odası, Ankara, 1998
- II. **An extension of the LU decomposition method of simulation**

Saraç C., Dowd P. A.

in: Geostatistical Simulations, P.A. Dowd and M. Armstrong, Editor, Kluwer, London , London, pp.23-36, 1993

Refereed Congress / Symposium Publications in Proceedings

I. The Relationship Between Students Ecocentric Anthropocentric and Antipathic Attitudes Towards the Environment and Their Academic Achievement

UZUN N., Atı K., SARAÇ C., SAĞLAM N., SAĞLAM S.

4th International Conference on Education, 26 - 28 June 2015

II. AN EXTENSION OF THE LU DECOMPOSITION METHOD OF SIMULATION

DOWD P., SARAC C.

Geostatistical Simulation Workshop, FONTAINEBLEAU, France, 27 - 28 May 1993, vol.7, pp.23-36

Supported Projects

SARAÇ C., İNAL EMİROĞLU Y., Project Supported by Higher Education Institutions, ARAP PLAKASI HİDROKARBON KAYNAK KAYALARININ GÜNEYDOĞU ANADOLU BÖLGESİ DADAŞ FORMASYONU İLE İLİŞKİSİ, 2015 - 2016

SARAÇ C., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Merkezi Bilgisayar Laboratuvarının ve Araştırma Birimlerinin Bilgisayar Alt Yapısının Sağlanması, 2014 - 2016

ÖZDAĞ U., SARAÇ C., Project Supported by Higher Education Institutions, Türkiye'de Toprak Etiği'ni Oluşturmak: Hacettepe Üniversitesi'nin Toprak Etiği Uygulama ve Araştırma Merkezi, 2015 - 2015

Saraç C., Kobi, Kaymaz Açık Ocak İşletmesinde JORC Standartları Kapsamında Örnek Alım ve Değerlendirme, 2015 - 2015

Saraç C., FP7 Project, The EGI-INSPiRE (Integrated Sustainable Pan-European Infrastructure for Researchers in Europe) TÜBİTAK ULAKBİM, 2010 - 2013

Saraç C., FP7 Project, GEANT3 (Gigabit Pan-European Research & Education Network) TÜBİTAK ULAKBİM, 2009 - 2013

Saraç C., FP7 Project, EUMEDSupport - Empowering eScience across the Mediterranean Support TÜBİTAK ULAKBİM, 2010 - 2012

Saraç C., FP7 Project, SEERA-EI, (South East European Research Area for eInfrastructures) TÜBİTAK ULAKBİM, 2009 - 2012

Saraç C., FP7 Project, EGEE-III, (Enabling Grids for e-Science) TÜBİTAK ULAKBİM, 2008 - 2010

Saraç C., FP7 Project, SEE-GRID-SCI (SEE-GRID eInfrastructure for regional eScience) TÜBİTAK ULAKBİM, 2008 - 2010

Saraç C., FP6 Project, SEE-GRID2 (South Eastern European GRid-enabled eInfrastructure Development) TÜBİTAK ULAKBİM, 2006 - 2008

Saraç C., FP6 Project, EGEE2 (Enabling Grids for E-science) TÜBİTAK ULAKBİM, 2004 - 2008

Saraç C., FP6 Project, EUMEDGRID (Empowering eScience across the Mediterranean) TÜBİTAK ULAKBİM, 2006 - 2006

Saraç C., FP6 Project, SEE-GRID (South Eastern European GRid-enabled eInfrastructure Development) TÜBİTAK ULAKBİM, 2004 - 2006

Metrics

Publication: 15

Citation (WoS): 71

Citation (Scopus): 59

H-Index (WoS): 5

H-Index (Scopus): 4

Non Academic Experience

Technology Development Zone, Hacettepe Teknokent Teknoloji Transferi Ar-Ge Dan. HTTTM, Hacettepe Teknokent
Teknoloji Transferi Ar-Ge Dan. HTTTM
TUBITAK, TÜBİTAK ULAKBİM, ULAKBİM
Other Public Institution, YÖK, Başkanlık
Other Public Institution, YÖK, Bilgi İşlem Dairesi
Other Public Institution, YÖK, Başkanlık