

Asst. Prof. GÜNEŞ ERTUNÇ

Personal Information

Office Phone: [+90 312 297 7600](tel:+903122977600) Extension: 156

Fax Phone: [+90 312 299 2155](tel:+903122992155)

Email: gertunc@hacettepe.edu.tr

Web: <http://yunus.hacettepe.edu.tr/~gertunc>

Address: Hacettepe Üniversitesi Maden Mühendisliği Bölümü 06800 Beytepe

Education Information

Doctorate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2007 - 2013

Post Doctorate, Ecole Nationale Supérieure Des Mines De Paris, Centre De Géosciences, Géostatistique, France 2010 - 2011

Post Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 2004 - 2007

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Maden Mühendisliği, Turkey 1998 - 2004

Research Areas

Mining Engineering and Technology, Engineering and Technology

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

- I. **Ecological risk assessment and source apportionment of heavy metals contamination: an appraisal based on the Tellus soil survey**
Keshavarzi A., Kumar V., ERTUNÇ G., Brevik E. C.
ENVIRONMENTAL GEOCHEMISTRY AND HEALTH, 2021 (Journal Indexed in SCI)
- II. **Sustainable lignite resource planning at Thar coalfield, Pakistan**
Siddiqui F. I., Pathan A. G., ÜNVER B., ERTUNÇ G.
JOURNAL OF CENTRAL SOUTH UNIVERSITY, vol.25, is.5, pp.1165-1172, 2018 (Journal Indexed in SCI)
- III. **Metaheuristic kriging : A new spatial estimation method**
ATALAY F., ERTUNÇ G.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.46, is.3, pp.483-492, 2017 (Journal Indexed in SCI)
- IV. **Lignite resource estimations and seam modeling of Thar Field, Pakistan**
SIDDIQI F. I., PATHAN A. G., ÜNVER B., TERCAN A. E., HİNDİSTAN M. A., ERTUNÇ G., ATALAY F., UNAL S., KILLIOĞLU Y.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.140, pp.84-96, 2015 (Journal Indexed in SCI)
- V. **Seam modeling and resource estimation in the coalfields of western Anatolia**
TERCAN A. E., ÜNVER B., HİNDİSTAN M. A., ERTUNÇ G., ATALAY F., UNAL S., Killioğlu Y.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, vol.112, pp.94-106, 2013 (Journal Indexed in SCI)
- VI. **Geostatistical estimation of coal quality variables by using covariance matching constrained kriging**
ERTUNÇ G., TERCAN A. E., HİNDİSTAN M. A., ÜNVER B., UNAL S., ATALAY F., KILLIOĞLU S. Y.
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Articles Published in Other Journals

- I. **APPLICATION OF SUPPORT VECTOR MACHINES IN COAL DEPOSIT BOUNDARY DECISION**
ERTUNÇ G., ATALAY F.
International Journal of Scientific Research in Information Systems and Engineering, 2017 (Refereed Journals of Other Institutions)
- II. **SPATIAL ESTIMATION OF A COAL RESOURCE USING ARTIFICIAL NEURAL NETWORKS**
ATALAY F., ERTUNÇ G.
International Journal of Scientific Research in Information Systems and Engineering, 2017 (Refereed Journals of Other Institutions)
- III. **Soma Eynez kömür sahası için farklı bir üretim yöntemi önerisi**
ÜNVER B., HİNDİSTAN M. A. , TERCAN A. E. , ERTUNÇ G., ÜNAL M. S. , KILLIOĞLU S. Y. , ATALAY F.
Bilimsel Madencilik Dergisi, vol.56, pp.5-12, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Support Vector Regression of Los Angeles Abrasion on Mechanical Properties in Igneous Rocks**
ERTUNÇ G., ÖZÇELİK Y.
2nd Conference of the Arabian Journal of Geosciences, 25 - 28 November 2019
- II. **ESTIMATION OF IRON CONTENT OF A DEPOSIT USING DEEP NEURAL NETWORKS**
ATALAY F., ERTUNÇ G.
7th Balkan Mining Congress, 11 - 13 October 2017
- III. **IMPLICIT 3D SOLID MODELLING WITH SUPPORT MACHINES**
ERTUNÇ G., ATALAY F.
7th Balkan Mining Congress, 11 - 13 October 2017
- IV. **Geostatistical estimation of iron content distribution of an ore body using kriging and lognormal kriging techniques – A comparative study**
ATALAY F., ERTUNÇ G.
IRSYSC 2017, 24 - 26 May 2017
- V. **Estimation of Spatial Components by Covariance Matching Kriging Under the Linear Model of Regionalization**
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- VI. **Destek Vektör Makinaları ile Jeolojik Zonların Kesti Yorumları**
ERTUNÇ G., ATALAY F.
IMCET 2017, 11 - 14 April 2017
- VII. **Soma eynez kömür sahası için alternatif bir üretim yöntemi önerisi**
ÜNVER B., HİNDİSTAN M. A. , TERCAN A. E. , ERTUNÇ G., ÜNAL M. S. , KILLIOĞLU S. Y. , ATALAY F.
Türkiye 24. uluslararası madencilik kongresi, 14 - 17 April 2015
- VIII. **A New Production Method Proposal for Soma Eynez Coal Field**
ÜNVER B., HİNDİSTAN M. A. , TERCAN A. E. , ERTUNÇ G., ÜNAL M. S. , KILLIOĞLU S. Y. , ATALAY F.
24th International Mining Congress and Exhibition of Turkey, 14 - 17 April 2015
- IX. **An Alternative Multivariate Kriging Technique: Covariance Matching Constrained CoKriging**
ERTUNÇ G., TERCAN A. E. , ATALAY F.
24th INTERNATIONAL MINING CONGRESS OF TURKEY, Antalya, Turkey, 14 - 17 April 2015, pp.250-256
- X. **Geostatistics As a Tool to Estimate Undiscovered Deposits of Coal**
ATALAY F., TERCAN A. E. , ERTUNÇ G.
24th INTERNATIONAL MINING CONGRESS OF TURKEY, Antalya, Turkey, 14 - 17 April 2015, pp.322-326
- XI. **A Geostatistical Study of Tertiary Coal Fields in Turkey**
ATALAY F., TERCAN A. E. , ÜNVER B., HİNDİSTAN M. A. , ERTUNÇ G.

Supported Projects

ATALAY F., ERTUNÇ G., Project Supported by Higher Education Institutions, ESTIMATION OF IRON CONTENT OF A DEPOSIT USING DEEP NEURAL NETWORKS (BİR DEMİR YATAĞININDA DEMİR İÇERİĞİNİN DERİN SINIR AĞLARI KULLANILARAK KONUMSAL KESTİRİMİ), 2017 - 2017

ERTUNÇ G., TERCAN A. E. , Project Supported by Higher Education Institutions, Sınıflandırma Ağaçlarının Kaynak Kestiriminde Yardımcı Araç Olarak Kullanımı, 2017 - 2017

ERTUNÇ G., Project Supported by Higher Education Institutions, Öğretim araç gereçlerinin iyileştirilmesi, 2015 - 2017

Citations

Total Citations (WOS):32

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