

Kişisel Bilgiler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Developing serious games for CBRN-e training in mixed reality, virtual reality, and computer-based environments**
Altan B., Güner S., Alsamarei A., Demir D. K., Düzgün H. Ş., Erkayaoğlu M., Sürer E.
International Journal of Disaster Risk Reduction, cilt.77, 2022 (SCI-Expanded)
- II. **Secondary Iron Mineral Detection via Hyperspectral Unmixing Analysis with Sentinel-2 Imagery**
Soydan H., Koz A., Duzgun H. S.
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, cilt.101, 2021 (SCI-Expanded)
- III. **Neural Network Based Pavement Condition Assessment with Hyperspectral Images**
ÖZDEMİR O. B., SOYDAN H., Yardimci Cetin Y., DÜZGÜN H. Ş.
REMOTE SENSING, cilt.12, sa.23, ss.1-20, 2020 (SCI-Expanded)
- IV. **Quantitative hazard assessment for Zonguldak Coal Basin underground mines**
Erdogan H. H., Duzgun H. S., Selcuk-Kestel A. S.
INTERNATIONAL JOURNAL OF MINING SCIENCE AND TECHNOLOGY, cilt.29, sa.3, ss.453-467, 2019 (SCI-Expanded)
- V. **Identification of hydrocarbon microseepage induced alterations with spectral target detection and unmixing algorithms**
Soydan H., Koz A., Duzgun H. S.
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, cilt.74, ss.209-221, 2019 (SCI-Expanded)
- VI. **Evaluating the mine plan alternatives with respect to bottom-up and top-down sustainability criteria**
Yaylaci E. D., Duzgun H. S.
JOURNAL OF CLEANER PRODUCTION, cilt.167, ss.837-849, 2017 (SCI-Expanded)
- VII. **A pollution fate and transport model application in a semi-arid region: Is some number better than no number?**
ÖZCAN Z., Baskan O., Duzgun H. S., KENTEL ERDOĞAN E., ALP E.
SCIENCE OF THE TOTAL ENVIRONMENT, cilt.595, ss.425-440, 2017 (SCI-Expanded)
- VIII. **Reliability-Based Stability Analysis of Rock Slopes Using Numerical Analysis and Response Surface Method**
Dadashzadeh N., Duzgun H. S. B., Yesiloglu-Gultekin N.
ROCK MECHANICS AND ROCK ENGINEERING, cilt.50, sa.8, ss.2119-2133, 2017 (SCI-Expanded)
- IX. **Analysis of training sample selection strategies for regression-based quantitative landslide susceptibility mapping methods**
Erener A., Sivas A. A., Kestel S. A., Duzgun H. S.
COMPUTERS & GEOSCIENCES, cilt.104, ss.62-74, 2017 (SCI-Expanded)
- X. **A framework to embed a spatial statistics toolbox in open-source GIS software: kernel density estimation example**
Cavur M., Duzgun H. S.
JOURNAL OF SPATIAL SCIENCE, cilt.62, sa.1, ss.173-193, 2017 (SCI-Expanded)
- XI. **Accessibility modeling in earthquake case considering road closure probabilities: A case study of**

health and shelter service accessibility in Thessaloniki, Greece

ERTUĞAY K., Argyroudis S., Duzgun H. S.

INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, cilt.17, ss.49-66, 2016 (SCI-Expanded)

- XII. **Indicator-based sustainability assessment for the mining sector plans: Case of Afsin-Elbistan Coal Basin**
Yaylaci E. D., Duzgun H. S.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, cilt.165, ss.190-200, 2016 (SCI-Expanded)
- XIII. **A comparative study for landslide susceptibility mapping using GIS-based multi-criteria decision analysis (MCDA), logistic regression (LR) and association rule mining (ARM)**
ERENER A., MUTLU A., Duzgun H. S.
ENGINEERING GEOLOGY, cilt.203, ss.45-55, 2016 (SCI-Expanded)
- XIV. **Parallel Hybrid Genetic Algorithm and GIS-Based Optimization for Municipal Solid Waste Collection Routing**
Düzgün H. Ş., Uşak S. O., Aksoy A.
Journal of Computing in Civil Engineering, cilt.30, sa.3, 2016 (SCI-Expanded)
- XV. **Spatial analysis of two-wheeled vehicles traffic crashes: Osmaniye in Turkey**
YALÇIN G., Duzgun H. S.
KSCE JOURNAL OF CIVIL ENGINEERING, cilt.19, sa.7, ss.2225-2232, 2015 (SCI-Expanded)
- XVI. **Evaluation and Comparison of Landslide Susceptibility Mapping Methods A Case Study for the Ulus District Bartın Northern Turkey**
ARİF MERT E., DİKMEN M., CAMBAZOĞLU S., DÜZGÜN H. Ş., AKGÜN H.
International Journal of Geographical Information Science, cilt.29, ss.132-158, 2015 (SCI-Expanded)
- XVII. **GIS-based site selection methodology for hybrid renewable energy systems: A case study from western Turkey**
Aydin N. Y., KENTEL ERDOĞAN E., Duzgun H. S.
ENERGY CONVERSION AND MANAGEMENT, cilt.70, ss.90-106, 2013 (SCI-Expanded)
- XVIII. **A regional scale quantitative risk assessment for landslides: case of Kumluca watershed in Bartın, Turkey**
ERENER A., Duzgun H. B. S.
LANDSLIDES, cilt.10, sa.1, ss.55-73, 2013 (SCI-Expanded)
- XIX. **A GIS-based software for lifeline reliability analysis under seismic hazard**
Kestel A. S., Düzgün H. Ş., Oduncuoğlu L.
COMPUTERS & GEOSCIENCES, cilt.42, ss.37-46, 2012 (SCI-Expanded)
- XX. **An integrated earthquake vulnerability assessment framework for urban areas**
Duzgun H. S. B., YÜCEMEN M. S., KALAYCIOĞLU H. S., ÇELİK K., Kemec S., Ertugay K., Deniz A.
NATURAL HAZARDS, cilt.59, sa.2, ss.917-947, 2011 (SCI-Expanded)
- XXI. **Improvement of statistical landslide susceptibility mapping by using spatial and global regression methods in the case of More and Romsdal (Norway)**
Erener A., Duzgun H. S. B.
LANDSLIDES, cilt.7, sa.1, ss.55-68, 2010 (SCI-Expanded)
- XXII. **Probabilistic Stability Evaluation of Oppstadhornet Rock Slope, Norway**
Duzgun H. S. B., Bhasin R. K.
ROCK MECHANICS AND ROCK ENGINEERING, cilt.42, sa.5, ss.729-749, 2009 (SCI-Expanded)
- XXIII. **A methodology for land use change detection of high resolution pan images based on texture analysis**
Erener A., Duzgun H. S.
RIVISTA ITALIANA DI TELERILEVAMENTO, cilt.41, sa.2, ss.47-59, 2009 (SCI-Expanded)
- XXIV. **Analysis of roof fall hazards and risk assessment for Zonguldak coal basin underground mines**
Duzgun H.
INTERNATIONAL JOURNAL OF COAL GEOLOGY, cilt.64, ss.104-115, 2005 (SCI-Expanded)
- XXV. **Dragline cycle time analysis**

Erdem B., Duzgun H.

JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH, cilt.64, sa.1, ss.19-29, 2005 (SCI-Expanded)

XXVI. **Assessment and management of roof fall risks in underground coal mines**

Duzgun H., Einstein H.

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Diğer Dergilerde Yayınlanan Makaleler

- I. **Risk Assessment for Dragline Productivity A Case Study of GLİ s Draglines in Turkey**
DEMİREL N., DÜZGÜN H. Ş.
SME Annual Transactions, cilt.330, ss.512-518, 2012 (Hakemli Dergi)
- II. **Rolyta na Interdispilinar nosta za Integrirana Ocenka na Riska ot Zemetresenia Role of Interdisciplinary for Integrated Natural Disaster Risk Assessment Approaches**
DÜZGÜN H. Ş., KALAYCIOĞLU H. S.
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Kitap & Kitap Bölümleri

- I. **Remote Sensing of the Mine Environment**
DÜZGÜN H. Ş., DEMİREL N.
CRC Press Taylor and Francis, Boca Raton, 2011

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **SPATIO-TEMPORAL ANOMALY DETECTION FOR ENVIRONMENTAL IMPACT ASSESSMENT: A CASE OF AN ABANDONED COAL MINE SITE IN TURKEY**
Soydan H., Koz A., Duzgun H. S.
Conference on Remote Sensing and Modeling of Ecosystems for Sustainability XIV, California, Amerika Birleşik Devletleri, 09 Ağustos 2017, cilt.10405
- II. **Sustainability Based Decision-Making in the Mining Sector**
Yaylaci E. D., Duzgun H. S.
16th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP) / International Symposium on Computer Applications (CAMI), İstanbul, Türkiye, 5 - 07 Ekim 2016
- III. **TOTAL CARBON MAPPING WITH HYPERSPECTRAL UNMIXING TECHNIQUES**
SOYDAN H., Koz A., DÜZGÜN H. Ş., ALATAN A. A.
WHISPERS 2016, 21 - 24 Ağustos 2016
- IV. **An evaluation of Soma underground coal mine disaster with respect to risk acceptance and risk perception**
Duzgun H. S., Yaylaci E. D.
3rd International Symposium on Mine Safety Science and Engineering (ISMS), Montreal, Kanada, 13 - 19 Ağustos 2016, ss.368-374
- V. **A LOCAL EXTREMA BASED METHOD ON 2D BRIGHTNESS TEMPERATURE MAPS FOR DETECTION OF ARCHAEOLOGICAL ARTIFACTS**
SOYDAN H., DÜZGÜN H. Ş., ALATAN A. A.
International Geoscience and Remote Sensing Symposium (IGARSS) 2016, 10 - 15 Temmuz 2016
- VI. **Integrated Watershed Management for Lake Mogan with the focus of Agricultural Diffuse Pollution**
ÖZCAN Z., Hatipoğlu A., Başkan O., DÜZGÜN H. Ş., KENTEL E., ALP E.
WEFTEC 2015, The Water Quality Event, The Water Environment Federation, September 26 – 30, 2015, Chicago,

Illinois, USA, 26 - 30 Eylül 2015

- VII. **Hydrocarbon microseepage mapping using signature based target detection techniques**
SOYDAN H., KOZ A., DÜZGÜN H. Ş., ALATAN A. A.
SPIE Remote Sensing, Earth Resources and Environmental Remote Sensing/GIS Applications, Toulouse, Fransa, 21 - 24 Eylül 2015
- VIII. **ANALYSIS OF LAND USE LAND COVER CHANGES FOR AN ABANDONED MINE SITE**
Soydan H., Duzgun H. S., Ozdemir O. B.
IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Milan, İtalya, 26 - 31 Temmuz 2015, ss.3049-3052
- IX. **A COMPARATIVE STUDY OF HYPERSPECTRAL ANOMALY AND SIGNATURE BASED TARGET DETECTION METHODS FOR OIL SPILLS**
SOYDAN H., KOZ A., DÜZGÜN H. Ş., ALATAN A. A.
IEEE WHISPERS 2015, Tokyo, Japonya, 2 - 05 Haziran 2015
- X. **Signature Based Vegetation Detection on Hyperspectral Images**
ÖZDEMİR O. B., Soydan H., ÇETİN Y., Duzgun H. S.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.2501-2504
- XI. **Oil Spill Determination with Hyperspectral Imagery: A Comparative Study**
Soydan H., Koz A., Duzgun H. S., ALATAN A. A.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015, ss.2404-2407
- XII. **Sustainable Stormwater Management on METU Campus Ankara Turkey Smart and Sustainable Campuses Conference**
TOPAL G. G., DÜZGÜN H. Ş., ERDOĞAN S. T., KENTEL E., ALP E.
Smart and Sustainable Campuses Conference 2015, Amerika Birleşik Devletleri, 30 - 31 Mart 2015
- XIII. **An Evaluation of Land Use Land Cover (LULC) Classification for Urban Applications with Quickbird and WorldView2 Data**
Cavur M., Nabel L., Kemeç S., Duzgun H. S.
Joint Urban Remote Sensing Event, Lausanne, İsviçre, 30 Mart - 01 Nisan 2015
- XIV. **Sustainable Stormwater Management on METU Campus**
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- XV. **Sustainable Stormwater Management on METU Campus Ankara Turkey**
G G T, DÜZGÜN H. Ş., ERDOĞAN S. T., KENTEL E., ALP E.
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- XVI. **EVALUATION OF SOIL MOISTURE CONTENT FROM ASTER AND WORLDVIEW 2 IMAGERIES**
Soydan H., Duzgun H. S.
IEEE Joint International Geoscience and Remote Sensing Symposium (IGARSS) / 35th Canadian Symposium on Remote Sensing, Quebec City, Kanada, 13 - 18 Temmuz 2014
- XVII. **Analysis of potential rockfalls and protection measures for the Mardin castle, Turkey**
Dadashzadeh N., Aras C., Yesiloglu-Gultekin N., BİLGİN ALTINÖZ A. G., Duzgun H. S. B.
ISRM European Symposium, Vigo, İspanya, 26 - 29 Mayıs 2014, ss.1231-1236
- XVIII. **Determination of geostatistically representative sampling locations in Porsuk Dam Reservoir Turkey**
AKSOY A., YENİLMEZ F., DÜZGÜN H. Ş.
AGU 46th Annual Fall Meeting, San-Francisco, Amerika Birleşik Devletleri, 9 - 13 Eylül 2013
- XIX. **TOWARDS EO-BASED SUSTAINABLE URBAN PLANNING AND MANAGEMENT**
Marconcini M., Esch T., Chrysoulakis N., DÜZGÜN H. Ş., Tal A., Feigenwinter C., Parlow E.
IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Melbourne, Avustralya, 21 - 26 Temmuz 2013, ss.4273-4276
- XX. **Exploiting Earth Observation in Sustainable Urban Planning and Management - the GEOURBAN**

Project

Esch T., Taubenboeck H., Chrysoulakis N., DÜZGÜN H. Ş., Tal A., Feigenwinter C., Parlow E.

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- XXI. **A Comparative Reliability Analysis for Draglines in Turkey**
DEMİREL N., DÜZGÜN H. Ş., KESTEL A. S.
21st International Symposium on Mine Planning and Equipment Selection, YENİ DELHİ, Hindistan, 28 - 30 Kasım 2012, cilt.1, ss.166-172
- XXII. **Spatial Analysis of Chronic Obstructive Pulmonary Disease COPD on the Basis of Provinces in Turkey with regards to Actuarial Risk Assessment**
ÇİFTÇİ S., DÜZGÜN H. Ş., BAŞBUĞ ERKAN B. B.
International Conference on Applied and Computational Mathematics, Ankara, Türkiye, 3 - 06 Ekim 2012
- XXIII. **A Spatio-Temporal Crime Prediction Model for Crime Prevention**
Duzgun H. S., Polat E.
NATO Advanced Research Workshop on Counter Terrorism in Culturally and Linguistically Diverse Communities, Antalya, Türkiye, 9 - 10 Mayıs 2011, cilt.90, ss.116-135
- XXIV. **Risk Assessment for Dragline Productivity A Case Study of GLI s Draglines in Turkey**
DEMİREL N., DÜZGÜN H. Ş.
SME Annual Meeting and Exhibition, DENVER, KOLORADO, Amerika Birleşik Devletleri, 27 Şubat - 02 Mart 2011, ss.1-11
- XXV. **Analysis of traffic incidents in METU campus**
Keskin F., Yenilmez F., Colak M., Yavuzer I., Duzgun H. S.
2nd International Geography Symposium-Mediterranean Environment, Antalya, Türkiye, 2 - 05 Haziran 2010, cilt.19, ss.61-70
- XXVI. **Landuse Change Detection in a Surface Coal Mine Area Using Multi Temporal High Resolution Satellite Images**
DEMİREL N., DÜZGÜN H. Ş., EMİL M. K.
12th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP), PRAG, Çek Cumhuriyeti, 24 - 26 Mayıs 2010, ss.66-72
- XXVII. **A framework for defining a 3D model in support of risk management**
Kemeç S., Zlatanova S., Duzgun H. S.
Symposium on Cartography and Geoinformatics for Early Warning and Emergency Management: Towards Better Solutions, 2009, Prague, Çek Cumhuriyeti, 19 - 22 Ocak 2009, cilt.0, ss.69-82
- XXVIII. **Reliability Modeling and Analysis for Walking Draglines of GLI Mine**
DEMİREL N., DÜZGÜN H. Ş.
18th International Symposium on Mine Planning and Equipment Selection, BANFF, ALBERTA, Kanada, 16 - 19 Kasım 2009, ss.255-262
- XXIX. **Reliability Modeling of Draglines for Availability Estimation and Maintenance Planning Modelación de Confiabilidad de Dragas Para Estimar Disponibilidady Planificar Mantención**
DEMİREL N., DÜZGÜN H. Ş.
MANTEMİN IV International Mine Equipment Maintenance Meeting, Antofagasta, Şili, 4 - 09 Kasım 2009, ss.169-177
- XXX. **Prediction of Population in Urban Areas by Using High Resolution Satellite Images**
ERENER A., Duzgun H. S. B.
4th International Conference on Recent Advances in Space Technologies, İstanbul, Türkiye, 11 - 13 Haziran 2009, ss.292-293
- XXXI. **Comparison of Mechanical Vs Electric Drive Mine Trucks Based on Life Cycle Assessment LCA**
DEMİREL N., DÜZGÜN H. Ş., CHECKEL D. M.
2nd Mine Equipment Maintenance Meeting, Vina-Del-Mar, Şili, 14 - 16 Kasım 2007, ss.133-142
- XXXII. **Affect of shear strength criteria selection in probabilistic rock slope stability analyses: A case study for a jointed rock slope in Norway**
Duzgun H. S. B., Bhasin R. K.
1st Canada/United States Rock Mechanics Symposium, Vancouver, Kanada, 27 - 31 Mayıs 2007, ss.951-957

- XXXIII. **Discontinuity mapping with automatic lineament extraction from high resolution satellite imagery**
KOÇAL A., DÜZGÜN H. Ş., KARPUZ C.
ISPRS XX, İstanbul, 10 - 16 Ocak 2007
- XXXIV. **A methodology for mapping and spatial analysis of auto theft and theft from auto incidents in the City of Konya**
Duzgun H., Erdogan A.
3rd European-Academy-of-Forensic-Science Meeting, İstanbul, Türkiye, 22 - 27 Eylül 2003, cilt.136, ss.15-16
- XXXV. **PROBABILISTIC WEDGE STABILITY ANALYSIS BY ADVANCED 1ST-ORDER 2ND MOMENT (FOSM) METHOD**
DUZGUN H., BOZDAG T., PASAMEHMETOGLU A.
3rd International Symposium on Mine Planning and Equipment Selection, İstanbul, Türkiye, 18 - 20 Ekim 1994, ss.833-838

Desteklenen Projeler

- DÜZGÜN H. Ş., Yükseköğretim Kurumları Destekli Proje, Amasya İlindeki Kaya Düşmeleri Ve Kaya Şevi Kaymaları İçin Kültürel Envantere Dayalı Risk Azaltma İçin Mühendislik Çözümlerinin Değerlendirilmesi, 2011 - Devam Ediyor
- DÜZGÜN H. Ş., Yükseköğretim Kurumları Destekli Proje, KAYA SÜREKSİZLİKLERİNİN ZAMANA BAĞLI SÜRTÜNME DAVRANIŞLARININ ÖLÇEK VE SÜREKSİZLİK PÜRÜZSÜZLÜLÜĞÜ FAKTÖRLERİ AÇISINDAN İNCELENMESİ, 2017 - 2017
- DÜZGÜN H. Ş., Yükseköğretim Kurumları Destekli Proje, Cbs Ve Ua'ya Dayalı Maden Kapatma Planı Hazırlanması: Ovacık Terkedilmiş Kömür Madeni Örneği, 2009 - 2009

Metrikler

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