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Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Dr), Turkey 1998 - 2002

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Yl) (Tezli), Turkey 1994 - 1998

Undergraduate, Ankara University, Ziraat Fakültesi, Toprak Bilimi Ve Bitki Besleme Bölümü, Turkey 1990 - 1994

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Ankara Gölbaşı özel çevre koruma alanı ve yakın çevresinin arazi değerlendirmesi, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Dr), 2002

Postgraduate, Tarla Bitkileri Merkez Araştırma Enstitüsü İkizce Araştırma Çiftliği topraklarının detaylı etüd ve haritalanması, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (Yl) (Tezli), 1998

Research Areas

Agricultural Sciences

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2014 - Continues

Associate Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2007 - Continues

Assistant Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2005 - 2007

Academic and Administrative Experience

Courses

Türkiye Toprakları, Undergraduate, 2012 - 2013, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
Doğal Kaynaklar, Undergraduate, 2012 - 2013, 2011 - 2012, 2009 - 2010
Jeoloji-Jeomorfoloji, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
Toprak Etüd ve Haritalama, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2008 - 2009, 2007 - 2008
Uzaktan Algılama, Undergraduate, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2006 - 2007
Toprak Oluşumu ve sınıflama, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007
Uzaktan Algılam, Undergraduate, 2011 - 2012, 2008 - 2009, 2007 - 2008
Toprak Bilgisi, Undergraduate, 2010 - 2011, 2009 - 2010
Toprak Etür ve Haritalama, Undergraduate, 2009 - 2010
Toprak Minerolojisi, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007
Jeoloj-Jeomorfoloji, Undergraduate, 2007 - 2008, 2006 - 2007
Toprak Etüd ve Haritalam, Undergraduate, 2006 - 2007

Advising Theses

Dengiz O., SÜRDÜRÜLEBİLİR ARAZİ YÖNETİMİ ÇERÇEVESİNDEBULANIK MANTIK ÇOK KRİTERLİ KARAR ANALİZ YAKLAŞIMI KULLANILARAK TARIMSAL ARAZİ UYGUNLUK ALANLARININ BELİRLENMESİ, Doctorate, İ.FATİH(Student), 2024
Dengiz O., YARI HUMİD EKOLOJİK KOŞULLARA SAHİP YUKARI ENGİZ HAVZASI DOĞAL ÇAM ORMAN ARAZİLERİNİN ÇÖLLEŞME RİSKİNİN DEĞERLENDİRMESİ, Postgraduate, M.EMİN(Student), 2023
Dengiz O., Ekofertile and microfertile plant biostimulants potentials on soil quality and wheat nutrition enhancement, Postgraduate, D.TAVİ(Student), 2023
Dengiz O., Arazi kullanımı ve arazi örtüsündeki değişim ile oluşan toprak erozyonunun sürdürülebilir arazi kullanım planlaması (SLUP) modeli yaklaşımı ile değerlendirilmesi, Postgraduate, A.ÇAĞLAR(Student), 2023
Dengiz O., Ayçiçeği tarımı yapılan toprakların SMAF modeli ile toprak kalite indislerinin belirlenmesi: Tokat-Zile, Belpınar köyü örneği, Postgraduate, S.PACCİ(Student), 2023
Dengiz O., Exploring sandy soils in krakow: From pleistocene terraces to anthropocene gardens, Postgraduate, A.CERON(Student), 2023
Dengiz O., The soils of mofet springs in the vicinity of Muszyna, Postgraduate, C.DAVE(Student), 2023
Dengiz O., Soil quality evaluation under different management practices in semi-natural montane meadows, Postgraduate, R.KABO(Student), 2022
Dengiz O., Synergistic effects of foliar application of zinc oxide and copper oxide nanoparticles in barley grown in metal polluted soil, Postgraduate, H.AMIN(Student), 2022
Dengiz O., Relationship between some soil physical quality properties and soil organic carbon, Postgraduate, D.MIKSTAS(Student), 2022
Dengiz O., Bazı toprak özellikleri ile ilişkili olarak arazi kullanımı ve arazi örtüsünün toprak organik karbon stoğuna etkisi, Postgraduate, M.YILMAZ(Student), 2021
Dengiz O., Yarı kurak ekolojik şartlarda farklı ana materyal üzerinde oluşan toprakların ayrışma oranları ve kütle dengesi, Postgraduate, O.TOPCU(Student), 2021
Dengiz O., Orta karadeniz koşullarında cbs tabanlı heyelan duyarlılık modeli oluşturulması ve model geçerliliğinde nokta koordinat değişimlerinin izlenmesi ve analizi, Doctorate, F.SAYGIN(Student), 2020
Dengiz O., Çok amaçlı arazi değerlendirme çalışmalarında toprak etüd ve yorumları; Samsun Yeşilkent beldesi örneği, Doctorate, F.ESRA(Student), 2020

Dengiz O., Doğrusal kombinasyon tekniği kullanılarak arazi değerlendirme çalışması; Çarşamba Sefalı Köyü Örneği, Postgraduate, M.ÇAKIR(Student), 2019

Dengiz O., Ilgaz Milli Park topraklarının erozyon duyarlılık parametrelerinin farklı enterpolasyon yöntemleriyle konumsal dağılımlarının belirlenmesi, Postgraduate, C.CELİLOV(Student), 2019

Dengiz O., Newhall simülasyon modeline göre Doğu Karadeniz ve İç Anadolu bölgelerinin toprak nem ve sıcaklık rejimlerinin belirlenmesi ve çölleşme açısından karşılaştırılması, Postgraduate, M.TURAN(Student), 2019

Dengiz O., Sürdürülebilir arazi yönetimi için CBS yardımı ile toprak veri tabanı oluşturulması, Postgraduate, A.AYDIN(Student), 2018

Dengiz O., Farklı arazi kullanımları altındaki toprakların verimlilik indekslerinin belirlenmesi ve CBS yardımı ile dağılım haritalarının oluşturulması, Postgraduate, P.ÇELİK(Student), 2017

Dengiz O., İnebolu havzası erozyon risk durumunun cbs ve uzaktan algılama yardımıyla kalitatif olarak değerlendirilmesi ve risk haritalarının oluşturulması, Postgraduate, A.İMAMOĞLU(Student), 2017

Dengiz O., Samsun Terme havzası bazı temel fizyografik karakteristiklerinin belirlenmesi ve tarımsal taşkın alanlarının toprak haritalanması, Postgraduate, A.COŞKUN(Student), 2016

Dengiz O., Üç farklı sulama yönteminin parametrik yaklaşım metoduna göre arazi uygunluklarının karşılaştırılması, Postgraduate, A.EFENDİLER(Student), 2016

Dengiz O., MEDALUS modeli ile arazi degradedasyonu ve çölleşme riskinin belirlenmesi örnek çalışma: İnebolu Havzası, Postgraduate, R.BAŞAK(Student), 2016

Dengiz O., Madendere havzasında arazi bozulma durumlarının iki farklı parametrik model ile değerlendirilmesi ve risk haritalarının oluşturulması, Postgraduate, E.KANAR(Student), 2014

Dengiz O., Coğrafi bilgi sistem modellemesi ile çeltik arazi uygunluk sınıflarının belirlenmesi, Postgraduate, F.SAYGIN(Student), 2013

Dengiz O., Arazi değerlendirme çalışmalarında farklı yöntemlerin karşılaştırılması pilot alan dedeli mevki, Postgraduate, F.ESRA(Student), 2012

Dengiz O., Ünye Dizdar Köyü arazisinin detaylı toprak etüdü ve haritalanması, Postgraduate, S.KURT(Student), 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Estimation of soil erodability parameters based on different machine algorithms integrated with remote sensing techniques**
Saygin F., Aksoy H., Alaboz P., Birol M., Dengiz O.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 2024 (SCI-Expanded)
- II. **Soil evolution following the shrinking of Burdur Lake in Türkiye**
GÖZÜKARA G., Hartemink A. E., Zhang Y., Huang J., Dengiz O.
CATENA, vol.237, 2024 (SCI-Expanded)
- III. **Development of periglacial landforms and soil formation in the Ilgaz Mountains and effect of climate (Western Black Sea Region-Türkiye)**
Dede V., Dengiz O., Demirağ Turan I., Tuerkes M., Senol H., Serin S.
JOURNAL OF GEOGRAPHICAL SCIENCES, vol.34, no.3, pp.543-570, 2024 (SCI-Expanded)
- IV. **Comparing geographic information systems-based fuzzy-analytic hierarchical process approach and artificial neural network to characterize soil erosion risk indexes**
Kaya N., Pacci S., Demirağ Turan I., ODABAŞ M. S., Dengiz O.
Rendiconti Lincei, vol.34, no.4, pp.1089-1104, 2023 (SCI-Expanded)
- V. **Soil quality assessment based on MCDA-GIS hybrid approach for sustainable hazelnut farming under humid ecosystem environment**
Bayraklı B., Dengiz O., Kars N.
RENDICONTE LINCEI-SCIENZE FISICHE E NATURALI, vol.34, no.3, pp.921-940, 2023 (SCI-Expanded)
- VI. **Different approaches to estimating soil properties for digital soil map integrated with machine learning and remote sensing techniques in a sub-humid ecosystem**
Saygin F., Aksoy H., Alaboz P., Dengiz O.

ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.195, no.9, 2023 (SCI-Expanded)

- VII. **Application of regression kriging and machine learning methods to estimate soil moisture constants in a semi-arid terrestrial area**

Tuncay T., Alaboz P., Dengiz O., Baskan O.

COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.212, 2023 (SCI-Expanded)

- VIII. **The Effect of Organic Waste Applications on Soil Aggregation and Soil Organic Carbon Fractions**

Saygin F., Alaboz P., Dengiz O., Senol H.

COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.54, no.12, pp.1644-1656, 2023 (SCI-Expanded)

- IX. **Soil quality assessment for desertification based on multi-indicators with the best-worst method in a semi-arid ecosystem**

Dengiz O., Turan I. D.

JOURNAL OF ARID LAND, vol.15, no.7, pp.779-796, 2023 (SCI-Expanded)

- X. **Spatial assessment of landslide susceptibility mapping generated by fuzzy-AHP and decision tree approaches**

Saygin F., Şişman Y., Dengiz O., Şişman A.

Advances in Space Research, vol.71, no.12, pp.5218-5235, 2023 (SCI-Expanded)

- XI. **The Least Limiting Water Range to Estimate Soil Water Content Using Random Forest Integrated with GIS and Geostatistical Approaches**

Alaboz P., Dengiz O.

Tarim Bilimleri Dergisi, vol.29, no.4, pp.933-946, 2023 (SCI-Expanded)

- XII. **Environmental, ecological and health risks of boron in agricultural soils of Amik Plain under Mediterranean conditions**

Aytop H., Ates O., Dengiz O., Yilmaz C. H., Demir O. F.

STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.37, pp.2069-2081, 2023 (SCI-Expanded)

- XIII. **Soil quality assessment based on hybrid computational approach with spatial multi-criteria analysis and geographical information system for sustainable tea cultivation**

Saygin F., Savsatli Y., Dengiz O., Yazici K., Namli A., Karatas A., Senol N. D., AKÇA M. O., Pacci S., Karapicak B., et al.

JOURNAL OF AGRICULTURAL SCIENCE, vol.161, no.2, pp.187-204, 2023 (SCI-Expanded)

- XIV. **Assessment of heavy metal concentrations and behavior in cultivated soils under humid-subhumid environmental condition of the Black Sea region**

Bayraklı B., Dengiz O., Özyazıcı M. A., Koç Y., Kesim E., Türkmen F.

Geoderma Regional, vol.32, 2023 (SCI-Expanded)

- XV. **Soil quality assessment based on machine learning approach for cultivated lands in semi-humid environmental condition part of Black Sea region**

Alaboz P., ODABAŞ M. S., Dengiz O.

Archives of Agronomy and Soil Science, vol.69, no.15, pp.3514-3532, 2023 (SCI-Expanded)

- XVI. **Variation of USLE-K Soil Erodibility Factor and Its Estimation with Artificial Neural Network Approach in Semi-humid Environmental Condition**

Pacci S., Safli M. E., ODABAŞ M. S., Dengiz O.

BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.66, 2023 (SCI-Expanded)

- XVII. **Periglacial landforms and soil formation on summit of the Mount Ida (Kaz Dağı), Biga Peninsula-Turkey**

Türkeş M., Dede V., Dengiz O., Şenol H., Serin S.

Physical Geography, vol.44, no.5, pp.531-580, 2023 (SCI-Expanded)

- XVIII. **Effects of Periglacial Landforms on Soil Erosion Sensitivity Factors and Predicted by Artificial Intelligence Approach in Mount Cin, NE Turkey**

Dede V., Turan I. D., Dengiz O., Serin S., Pacci S.

EURASIAN SOIL SCIENCE, vol.55, no.12, pp.1857-1870, 2022 (SCI-Expanded)

- XIX. **Geochemical and mineralogical processes leading to variation of soil characteristics on calcareous toposequence in semiarid ecosystem condition**

Alaboz P., Senol H., Dengiz O.

RENDICONTE LINCEI-SCIENZE FISICHE E NATURALI, vol.33, no.4, pp.903-921, 2022 (SCI-Expanded)

- XX. **Assessing the effect of soil to water ratios and sampling strategies on the prediction of EC and pH using pXRF and Vis-NIR spectra**
GÖZÜKARA G., ALTUNBAŞ S., Dengiz O., Adak A.
Computers and Electronics in Agriculture, vol.203, 2022 (SCI-Expanded)
- XXI. **Determination of rice (*Oryza sativa* L.) site suitability using multi-criteria decision-making based on the best-worst method**
Tercan E., Dengiz O.
GEOCARTO INTERNATIONAL, vol.37, no.27, pp.15982-15998, 2022 (SCI-Expanded)
- XXII. **Physico-chemical and mineralogical changes of lithic xerorthent soils on volcanic rocks under semi-arid ecological conditions**
Demir S., Alaboz P., Dengiz O., Senol H., YILMAZ K., Baskan O.
EARTH SCIENCES RESEARCH JOURNAL, vol.26, no.4, pp.291-301, 2022 (SCI-Expanded)
- XXIII. **Soil particle size prediction using Vis-NIR and pXRF spectra in a semiarid agricultural ecosystem in Central Anatolia of Türkiye**
GÖZÜKARA G., AKÇA E., Dengiz O., Kapur S., Adak A.
CATENA, vol.217, 2022 (SCI-Expanded)
- XXIV. **Digital mapping and spatial variability of soil quality index for desertification in the Akarcay Basin under the semi-arid terrestrial ecosystem using neutrosophic fuzzy-AHP approach**
Kaya N. S., ÖZKAN B., Dengiz O., Turan I. D.
NATURAL HAZARDS, vol.112, no.3, pp.2101-2132, 2022 (SCI-Expanded)
- XXV. **Geographic information system-assisted site quality assessment for hazelnut cultivation using multi-criteria decision analysis in the Black Sea region, Turkey**
Tercan E., Dengiz O., ÖZKAN B., DERELİ M. A., Öztekin Y. B.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.24, pp.35908-35933, 2022 (SCI-Expanded)
- XXVI. **A soil quality index using Vis-NIR and pXRF spectra of a soil profile**
GÖZÜKARA G., ACAR M., Ozlu E., Dengiz O., Hartemink A. E., Zhang Y.
CATENA, vol.211, 2022 (SCI-Expanded)
- XXVII. **Digital mapping of potentially toxic elements enrichment in soils of Urmia Lake due to water level decline**
Alvyar Z., Shahbazi F., Oustan S., Dengiz O., Minasny B.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.808, 2022 (SCI-Expanded)
- XXVIII. **Comparative approach for soil quality index based on spatial multi-criteria analysis and artificial neural network**
Pacci S., Kaya N. S., DEMİRAĞ TURAN İ., ODABAŞ M. S., DENGİZ O.
ARABIAN JOURNAL OF GEOSCIENCES, vol.15, no.104, pp.1-15, 2022 (SCI-Expanded)
- XXIX. **Digital mapping of soil erodibility factors based on decision tree using geostatistical approaches in terrestrial ecosystem**
Alaboz P., Dengiz O., Demir S., Senol H.
CATENA, vol.207, 2021 (SCI-Expanded)
- XXX. **Computational intelligence applied to the least limiting water range to estimate soil water content using GIS and geostatistical approaches in alluvial lands***
Alaboz P., Başkan O., Dengiz O.
Irrigation and Drainage, vol.70, no.5, pp.1129-1144, 2021 (SCI-Expanded)
- XXXI. **Assessing soil fertility index based on remote sensing and gis techniques with field validation in a semiarid agricultural ecosystem**
Tuncay T., KILIÇ Ş., DEDEOĞLU M., Dengiz O., Baskan O., BAYRAMIN İ.
JOURNAL OF ARID ENVIRONMENTS, vol.190, 2021 (SCI-Expanded)
- XXXII. **Assessment of Various Pedotransfer Functions for the Prediction of the Dry Bulk Density of Cultivated Soils in a Semiarid Environment**
Alaboz P., Demir S., Dengiz O.

- COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.52, no.7, pp.724-742, 2021 (SCI-Expanded)
- XXXIII. **An assessment of pasture soils quality based on multi-indicator weighting approaches in semi-arid ecosystem**
Karaca S., Dengiz O., Turan I. D., ÖZKAN B., DEDEOĞLU M., Gülser F., Sargın B., Demirkaya S., Ay A.
ECOLOGICAL INDICATORS, 2021 (SCI-Expanded)
- XXXIV. **Barley yield estimation performed by ANN integrated with the soil quality index modified by biogas waste application**
Alaboz P., Dengiz O., Demir S.
ZEMDIRBYSTE-AGRICULTURE, vol.108, no.3, pp.217-226, 2021 (SCI-Expanded)
- XXXV. **Assessment of Biogeochemical-Mineralogical Characteristic and Weathering Indices of Soils Developed on Basaltic Parent Material and Toposequence Under Subhumid Ecosystem**
Sarıcaoğlu S., Dengiz O., Işık K.
GEOMICROBIOLOGY JOURNAL, vol.38, no.5, pp.451-465, 2021 (SCI-Expanded)
- XXXVI. **Computational intelligence applied to soil quality index using GIS and geostatistical approaches in semiarid ecosystem**
Senol H., Alaboz P., Demir S., Dengiz O.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, no.23, 2020 (SCI-Expanded)
- XXXVII. **Site suitability analysis for potential agricultural land with spatial fuzzy multi-criteria decision analysis in regional scale under semi-arid terrestrial ecosystem**
ÖZKAN B., Dengiz O., Turan I. D.
SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- XXXVIII. **Assessment and selection of suitable microbasins for organic agriculture under subhumid ecosystem conditions: a case study from Trabzon Province, Turkey**
Ozturk E., Dengiz O.
ARABIAN JOURNAL OF GEOSCIENCES, vol.13, no.22, 2020 (SCI-Expanded)
- XXXIX. **Desertification risk assessment in Turkey based on environmentally sensitive areas**
Uzuner C., Dengiz O.
ECOLOGICAL INDICATORS, vol.114, 2020 (SCI-Expanded)
- XL. **An evaluation of heavy metal pollution risk in tea cultivation soils of micro-catchments using various pollution indexes under humid environmental condition**
Bayraklı B., Dengiz O.
RENDICONTE LINCEI-SCIENZE FISICHE E NATURALI, vol.31, no.2, pp.393-409, 2020 (SCI-Expanded)
- XLI. **Landslide susceptibility mapping for the Black Sea Region with spatial fuzzy multi-criteria decision analysis under semi-humid and humid terrestrial ecosystems**
Turan I. D., ÖZKAN B., Turkes M., Dengiz O.
THEORETICAL AND APPLIED CLIMATOLOGY, no.3-4, pp.1233-1246, 2020 (SCI-Expanded)
- XLII. **The roles of parent material and toposequence on geochemical characteristics and pedogenic iron oxides of soils**
Tuncay T., Dengiz O.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, no.4, pp.622-633, 2020 (SCI-Expanded)
- XLIII. **Soil quality index for paddy fields based on standard scoring functions and weight allocation method**
Dengiz O.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.66, no.3, pp.301-315, 2020 (SCI-Expanded)
- XLIV. **Influence of Toposequence on Physical and Mineralogical Properties of Soils Developed on Basaltic Parent Material under Sub-humid Terrestrial Ecosystem**
Tuncay T., Dengiz O., İMAMOĞLU A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.26, no.1, pp.104-116, 2020 (SCI-Expanded)
- XLV. **Desertification vulnerability and risk assessment for Turkey via an analytical hierarchy process model**

Tuerkes M., ÖZTAŞ T., Tercan E., Erpul G., KARAGÖZ A., Dengiz O., Dogan O., Sahin K., Avcioglu B.
LAND DEGRADATION & DEVELOPMENT, vol.31, no.2, pp.205-214, 2020 (SCI-Expanded)

- XLVI. **Assessment of Soil Quality Index for Tea Cultivated Soils in Ortacay Micro Catchment in Black Sea Region**
Dengiz O., Ic S., Saygin F., İMAMOĞLU A.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.26, no.1, pp.42-53, 2020 (SCI-Expanded)
- XLVII. **Generating of land suitability index for wheat with hybrid system approach using AHP and GIS**
DEDEOĞLU M., Dengiz O.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.167, 2019 (SCI-Expanded)
- XLVIII. **Evaluation of soil quality index to assess the influence of soil degradation and desertification process in sub-arid terrestrial ecosystem**
İMAMOĞLU A., Dengiz O.
RENDICONTI LINCEI-SCIENZE FISICHE E NATURALI, vol.30, no.4, pp.723-734, 2019 (SCI-Expanded)
- XLIX. **Site suitability assessment and mapping for rice cultivation using multi-criteria decision analysis based on fuzzy-AHP and TOPSIS approaches under semihumid ecological condition in delta plain**
ÖZKAN B., Dengiz O., TURAN İ. D.
PADDY AND WATER ENVIRONMENT, vol.17, no.4, pp.665-676, 2019 (SCI-Expanded)
- L. **TOWARDS MORE EFFECTIVE IRRIGATION WATER USAGE BY EMPLOYING LAND SUITABILITY ASSESSMENT FOR VARIOUS IRRIGATION TECHNIQUES**
Mihalikova M., Dengiz O.
IRRIGATION AND DRAINAGE, vol.68, no.4, pp.617-628, 2019 (SCI-Expanded)
- LI. **Spatial assessment and mapping of soil quality index for desertification in the semi-arid terrestrial ecosystem using MCDM in interval type-2 fuzzy environment**
TURAN İ. D., Dengiz O., ÖZKAN B.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.164, 2019 (SCI-Expanded)
- LII. **Effect of toposequences on geochemical mass balance and clay mineral formation in soils developed on basalt parent material under subhumid climate condition**
Orhan D., Huseyin S.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, no.9, pp.1809-1820, 2018 (SCI-Expanded)
- LIIL. **Geochemical mass balance applied to the study of weathering and evolution of soils**
Huseyin S., Tulay T., Orhan D.
INDIAN JOURNAL OF GEO-MARINE SCIENCES, no.9, pp.1851-1865, 2018 (SCI-Expanded)
- LIV. **Evaluation of the suitability of sites for outdoor recreation using a multi-criteria assessment model**
Dagistanli C., TURAN İ. D., Dengiz O.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.17, 2018 (SCI-Expanded)
- LV. **Potential impact of land use change on land productivity dynamics with focus on land degradation in a sub-humid terrestrial ecosystem**
Dengiz O.
THEORETICAL AND APPLIED CLIMATOLOGY, vol.133, no.1-2, pp.73-88, 2018 (SCI-Expanded)
- LVI. **Geostatistical approach as a tool for estimation of field capacity and permanent wilting point in semi-arid terrestrial ecosystem**
Tuncay T., Baskan O., BAYRAMIN İ., Dengiz O., KILIÇ Ş.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.64, no.9, pp.1240-1253, 2018 (SCI-Expanded)
- LVII. **Erosion Risk Prediction Using Multi-Criteria Assessment in Ankara Güvenç Basin**
DEMİRAG TURAN İ., DENGİZ O.
Tarım Bilimleri Dergisi, vol.23, no.3, pp.285-297, 2017 (SCI-Expanded)
- LVIII. **The land productivity dynamics trend as a tool for land degradation assessment in a dryland ecosystem**
Baskan O., Dengiz O., Demirag I. T.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.189, no.5, 2017 (SCI-Expanded)
- LIX. **Determination of soil erosion risk using RUSLE model and soil organic carbon loss in Alaca**

catchment (Central Black Sea region, Turkey)

Imamoglu A., Dengiz O.

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