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Education Information

Doctorate, Purdue University, Agronomi, United States Of America 1996 - 2001

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), Turkey 1987 - 1990

Undergraduate, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, "Detachment and Sediment Transport FromInterrill Areas under Wind-Driven Rain, Purdue University, Agronomi, 2001

Postgraduate, Detailed Erosion Survey of Sakarya StateFarm Soils, Ankara University, Fen Bilimleri Enstitüsü, Toprak Bilimi Ve Bitki Besleme (YI) (Tezli), 1990

Research Areas

Social Sciences and Humanities, Agricultural Sciences, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2009 - Continues

Associate Professor, Ankara University, Ziraat Fakültesi, Toprak Bilimi ve Bitki Besleme Bölümü, 2003 - 2009

Research Assistant, Purdue University, Agronomy, 1996 - 2001

Courses

RÜZGAR EROZYONU VE TAHMİN MODELLERİ, Postgraduate, 2014 - 2015

TOPRAK VE SU KORUMA, Postgraduate, 2014 - 2015

SU EROZYONU TAHMİN MODELLERİ, Postgraduate, 2014 - 2015

ARAZİ DERECELEME VE TOPLULAŞTIRMA UYGULAMALARI, Postgraduate, 2014 - 2015
Oyuntu Erozyonu Kontrolü, Postgraduate, 2014 - 2015
TOPRAK BİLGİSİ, Undergraduate, 2014 - 2015
TERASLAMA TEKNİĞİ, Postgraduate, 2014 - 2015
TOPRAK EROZYONU ARAŞTIRMA YÖNTEMLERİ, Postgraduate, 2014 - 2015
CBS VE HAVZA SİSTEM TASARIMI, Postgraduate, 2014 - 2015
ARAZİ KULLANIM POLİTİKASI VE KULLANIM PLANLAMASI, Postgraduate, 2014 - 2015
TOPRAK VE HAVZA YÖNETİMİ, Undergraduate, 2014 - 2015
PROJE HAZIRLAMA VE DEĞERLENDİRME, Undergraduate, 2014 - 2015
TOPRAK EROZYONU VE KORUMA, Undergraduate, 2014 - 2015

Advising Theses

ERPUL G., Farklı arazi kullanım türlerinde bitkisel örtü ve ürün yönetimi faktörleri ile laı ve ndvı arasındaki ilişkilerin incelenmesi ve bölgesel ölçekte değerlendirilmesi, Doctorate, M.ÖZGE(Student), 2021
ERPUL G., Rüzgâr erozyonunun konumsal dağılımı ve toprak yüzeyi bağlantısallığı arasındaki etkileşimlerin doğrudan ölçümler ve tahmin modelleri ile araştırılması, Doctorate, S.KAPLAN(Student), 2021
ERPUL G., Yeşilhisar suni merasında kentsel arıtma çamuru ve inorganik gübre uygulanmış toprakların organik madde, agregat dayanımı ve agregat büyüklük dağılımının incelenmesi, Postgraduate, S.KARABAĞ(Student), 2014
ERPUL G., Yarı-kurak bölgelerde rüzgâr erozyonu tehlikesinin değerlendirilmesi: Bölgesel ölçekte model geçerlilik çalışmaları, Doctorate, F.YOUSSEF(Student), 2013
ERPUL G., Yağmurlama denemeleri ile sıçrama ve yüzey erozyonu sedimentlerinde agregat büyüklük dağılımı ve organik karbon değişimlerinin incelenmesi, Doctorate, S.DEVİREN(Student), 2013
ERPUL G., Toprak erozyon duyarlılığının konumsal değişiminin belirlenmesi: Pilot çalışma; Asartepe baraj havzası, Doctorate, S.MADENOĞLU(Student), 2013
ERPUL G., Gaziantep bölgesinde (Nizip, Karkamış, Yavuzeli, Oğuzeli ve Araban ilçeleri) coğrafi bilgi sistemi kullanımı ile erozyon sahalarının belirlenmesi, Postgraduate, Ş.GÜLMEZYÜZ(Student), 2012
ERPUL G., Sıçrama erozyonu duyarlılığı, agregat dayanımı ve organik madde içerikleri arasındaki ilişkilerin değerlendirilmesi, Postgraduate, M.ÖZGE(Student), 2011
ERPUL G., Eldivan Sarayköy-II göleti (Çankırı) su toplama havzasında rusle yöntemi ile toprak kayıplarının tahmin edilmesi, Postgraduate, F.EBRU(Student), 2009
ERPUL G., Türkiye'de uzun dönem yağış verileri kullanılarak ulusal ölçekte rusle-r faktörünün belirlenmesi, Postgraduate, P.KAYA(Student), 2008
ERPUL G., Türkiye'de uzun dönem yağış verileri kullanılarak ulusal ölçekte RUSLE-R faktörünün belirlenmesi, P.KAYA(Student), 2008
ERPUL G., Rüzgarlı yağış koşullarında eğim yönünün yüzey akış sediment taşınımı üzerine etkisi, Postgraduate, H.SAMRAY(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessing the performance of wind erosion prediction models of RWEQ and SWEEP by direct measurements in an arid region**
KAPLAN S., BAŞARAN M., ERPUL G.
Soil and Tillage Research, vol.240, 2024 (SCI-Expanded)
- II. **Impact of soil compaction and irrigation practices on salt dynamics in the presence of a saline shallow groundwater: An experimental and modelling study**
Nick S. M., Coptly N. K., DEVİREN SAYGIN S., ÖZTÜRK H. S., Demirel B., Emadian S. M., ERPUL G., Sedighi M., Babaei M.
Hydrological Processes, vol.38, no.3, 2024 (SCI-Expanded)
- III. **Upscaling plot-based measurements of RUSLE C-factor of different leaf-angled crops in semi-arid**

agroecosystems

Pınar M. Ö., ERPUL G.

Environmental Monitoring and Assessment, vol.195, no.11, 2023 (SCI-Expanded)

- IV. **A dynamic model for salinity and sodicity management on agricultural lands: Interactive simulation approach**
Tunca M. C., Saysel A. K., Babaei M., ERPUL G.
Ecological Modelling, vol.482, 2023 (SCI-Expanded)
- V. **Combining chemical and organic treatments enhance remediation performance and soil health in saline-sodic soils**
Rezapour S., Nouri A., Asadzadeh F., Barin M., ERPUL G., Jagadamma S., Qin R.
COMMUNICATIONS EARTH & ENVIRONMENT, vol.4, no.1, 2023 (SCI-Expanded)
- VI. **Hydro-physical deterioration of a calcareous clay-rich soil by sodic water in Central Anatolia, Turkiye**
Öztürk H. S., Deviren Saygın S., Copty N., İzci E., Erpul G., Demirel B., Saysel A., Babaei M.
GEODERMA REGIONAL, vol.33, 2023 (SCI-Expanded)
- VII. **Solute transport through undisturbed carbonatic clay soils in dry regions under differing water quality and irrigation patterns**
DEVİREN SAYGIN S., ÖZTÜRK H. S., AKÇA M. O., Copty N. K., ERPUL G., Demirel B., Saysel A. K., Babaei M.
Geoderma, vol.434, 2023 (SCI-Expanded)
- VIII. **Ecosystem services studies in Turkey: A national-scale review**
Basak E., ÇETİN N. İ., VATANDAŞLAR C., Pamukcu-Albers P., Karabulut A. A., Caglayan S. D., Besen T., ERPUL G., Balkiz O., Cokcaliskan B. A., et al.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.844, 2022 (SCI-Expanded)
- IX. **Monitoring seasonal and phenological variability of cover management factor for wheat cropping systems under semi-arid climate conditions**
Akgöz R., DEVİREN SAYGIN S., ERPUL G., Tel S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.194, no.6, 2022 (SCI-Expanded)
- X. **Spatially and temporally assessing event-based wind erosion in adjacent plots of fallow and wheat cultivation in the Central Anatolia, Turkey**
UZUN O., KAPLAN S., Ince K., BAŞARAN M., ERPUL G.
ARCHIVES OF AGRONOMY AND SOIL SCIENCE, vol.68, no.5, pp.661-675, 2022 (SCI-Expanded)
- XI. **Analysis of soil cohesion by fluidized bed methodology using integrable differential pressure sensors for a wide range of soil textures**
DEVİREN SAYGIN S., ARI F., TEMİZ Ç., Arslan Ş., ÜNAL M. A., ERPUL G.
Computers and Electronics in Agriculture, vol.191, 2021 (SCI-Expanded)
- XII. **Splash detachment of sand particles under varying contact stress field of wind-driven raindrop impact**
ERPUL G., Gabriels D., Pinar M. O., Sagun C., Cornelis W.
EARTH SURFACE PROCESSES AND LANDFORMS, vol.46, pp.2870-2883, 2021 (SCI-Expanded)
- XIII. **Soil erosion modelling: A global review and statistical analysis**
Borrelli P., Alewell C., Alvarez P., Ayach Anache J. A., Baartman J., Ballabio C., Bezak N., Biddoccu M., Cerda A., Chalise D., et al.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.780, 2021 (SCI-Expanded)
- XIV. **Determining the effectiveness of some soil stabilizers in wind erosion prevention using wind tunnel experiments**
Erci V., ŞEKER C., BAŞARAN M., ERPUL G.
LAND DEGRADATION & DEVELOPMENT, vol.32, no.10, pp.2962-2977, 2021 (SCI-Expanded)
- XV. **Soil erosion modelling: A bibliometric analysis**
Bezak N., Mikos M., Borrelli P., Alewell C., Alvarez P., Ayach Anache J. A., Baartman J., Ballabio C., Biddoccu M., Cerda A., et al.
ENVIRONMENTAL RESEARCH, vol.197, 2021 (SCI-Expanded)

- XVI. **Uncertainty assessment of soil erodibility by direct sequential Gaussian simulation (DSIM) in semiarid land uses**
Madenoglu S., ATALAY F., ERPUL G.
SOIL & TILLAGE RESEARCH, vol.204, 2020 (SCI-Expanded)
- XVII. **Spatial and quantitative assessment of wind erosion from adjacent dunes with different surface cover ratios**
KAPLAN S., Basaran M., UZUN O., Nouri A., Youssef F., DEVİREN SAYGIN S., Ozcan A. U., ERPUL G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.192, no.2, 2020 (SCI-Expanded)
- XVIII. **Desertification vulnerability and risk assessment for Turkey via an analytical hierarchy process model**
Tuerkes M., ÖZTAŞ T., Tercan E., Erpul G., KARAGÖZ A., DENGİZ O., Dogan O., Sahin K., Avcioglu B.
LAND DEGRADATION & DEVELOPMENT, no.2, pp.205-214, 2020 (SCI-Expanded)
- XIX. **Modeling aggregate size distribution of eroded sediment resulting from rain-splash and raindrop impacted flow processes**
DEVİREN SAYGIN S., ERPUL G.
INTERNATIONAL JOURNAL OF SEDIMENT RESEARCH, vol.34, no.2, pp.166-177, 2019 (SCI-Expanded)
- XX. **Assessing nature's contributions to people**
Diaz S., Pascual U., Stenseke M., Martin-Lopez B., Watson R. T., Molnar Z., Hill R., Chan K. M. A., Baste I. A., Brauman K. A., et al.
SCIENCE, vol.359, no.6373, pp.270-272, 2018 (SCI-Expanded)
- XXI. **Process-based soil erodibility estimation for empirical water erosion models**
DEVİREN SAYGIN S., Huang C. H., Flanagan D. C., ERPUL G.
JOURNAL OF HYDRAULIC RESEARCH, vol.56, no.2, pp.181-195, 2018 (SCI-Expanded)
- XXII. **Global rainfall erosivity assessment based on high-temporal resolution rainfall records**
Panagos P., Borrelli P., Meusburger K., Yu B., Klik A., Lim K. J., Yang J. E., Ni J., Miao C., Chattopadhyay N., et al.
SCIENTIFIC REPORTS, vol.7, 2017 (SCI-Expanded)
- XXIII. **Tillage-induced Wind Erosion in Semi-arid Fallow Lands of Central Anatolia, Turkey**
Basaran M., UZUN O., KAPLAN S., Gormez F., ERPUL G.
SOIL AND WATER RESEARCH, vol.12, no.3, pp.144-151, 2017 (SCI-Expanded)
- XXIV. **Evaluation of Field Performance of BEST Aeolian Sediment Catcher in Sandy-loam Soil of Arid Zone of Turkey**
Basaran M., UZUN O., ERPUL G.
SOIL AND WATER RESEARCH, vol.12, no.2, pp.96-105, 2017 (SCI-Expanded)
- XXV. **Spatial distribution of wind-driven sediment transport rate in a fallow plot in Central Anatolia, Turkey**
UZUN O., KAPLAN S., Basaran M., DEVİREN SAYGIN S., Youssef F., Nouri A., ÖZCAN A. U., ERPUL G.
ARID LAND RESEARCH AND MANAGEMENT, vol.31, no.2, pp.125-139, 2017 (SCI-Expanded)
- XXVI. **Comparison of Aggregate Stability Measurement Methods for Clay-rich Soils in Asartepe Catchment of Turkey**
DEVİREN SAYGIN S., ERPUL G., Basaran M.
LAND DEGRADATION & DEVELOPMENT, vol.28, no.1, pp.199-206, 2017 (SCI-Expanded)
- XXVII. **Wind-Driven Rain: Erosion**
ERPUL G., Norton L. D., Gabriels D.
ENCYCLOPEDIA OF SOIL SCIENCE, VOLS I-III, 3RD EDITION, pp.2647-2649, 2017 (SCI-Expanded)
- XXVIII. **Potential Use of BEST (R) Sediment Trap in Splash - Saltation Transport Process by Simultaneous Wind and Rain Tests**
Basaran M., UZUN O., Cornelis W., Gabriels D., ERPUL G.
PLOS ONE, vol.11, no.11, 2016 (SCI-Expanded)
- XXIX. **The IPBES Conceptual Framework - connecting nature and people**
Diaz S., Demissew S., Carabias J., Joly C., Lonsdale M., Ash N., Larigauderie A., Adhikari J. R., Arico S., Baldi A., et al.
CURRENT OPINION IN ENVIRONMENTAL SUSTAINABILITY, vol.14, pp.1-16, 2015 (SCI-Expanded)

- XXX. **SOIL EROSION RISK ASSESSMENT FOR VOLCANO CONE OF ALIDAGI MOUNTAIN BY USING USLE/RUSLE, GIS AND GEOSTATISTICS**
ÖZCAN A. U., UZUN O., Basaran M., ERPUL G., Aksit S., Palancioglu H. M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.6B, pp.2090-2100, 2015 (SCI-Expanded)
- XXXI. **The combined RUSLE/SDR approach integrated with GIS and geostatistics to estimate annual sediment flux rates in the semi-arid catchment, Turkey**
DEVİREN SAYGIN S., ÖZCAN A. U., Basaran M., TİMUR Ö. B., DÖLARSLAN M., Yilman F. E., ERPUL G.
ENVIRONMENTAL EARTH SCIENCES, vol.71, no.4, pp.1605-1618, 2014 (SCI-Expanded)
- XXXII. **Spatial and temporal variation of moisture content in the soil profiles of two different agricultural fields of semi-arid region**
Baskan O., Kosker Y., ERPUL G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.185, no.12, pp.10441-10458, 2013 (SCI-Expanded)
- XXXIII. **Raindrop and flow interactions for interrill erosion with wind-driven rain**
ERPUL G., Gabriels D., Norton L. D., Flanagan D. C., Huang C. H., Visser S.
JOURNAL OF HYDRAULIC RESEARCH, vol.51, no.5, pp.548-557, 2013 (SCI-Expanded)
- XXXIV. **Mechanics of interrill erosion with wind-driven rain**
ERPUL G., Gabriels D., Norton L. D., Flanagan D. C., Huang C., Visser S. M.
Earth Surface Processes and Landforms, vol.38, no.2, pp.160-168, 2013 (SCI-Expanded)
- XXXV. **The effect of vegetation patterns on wind-blown mass transport at the regional scale: A wind tunnel experiment**
Youssef F., Visser S. M., Karssenber D., ERPUL G., Cornelis W. M., Gabriels D., Poortinga A.
Geomorphology, vol.159-160, pp.178-188, 2012 (SCI-Expanded)
- XXXVI. **Comparison of different aggregate stability approaches for loamy sand soils**
DEVİREN SAYGIN S., Cornelis W. M., ERPUL G., Gabriels D.
APPLIED SOIL ECOLOGY, vol.54, pp.1-6, 2012 (SCI-Expanded)
- XXXVII. **Calibration of RWEQ in a patchy landscape; a first step towards a regional scale wind erosion model**
Youssef F., Visser S., Karssenber D., Bruggeman A., ERPUL G.
Aeolian Research, vol.3, no.4, pp.467-476, 2012 (SCI-Expanded)
- XXXVIII. **Land degradation assessment by geo-spatially modeling different soil erodibility equations in a semi-arid catchment**
DEVİREN SAYGIN S., Basaran M., ÖZCAN A. U., DÖLARSLAN M., TİMUR Ö. B., Yilman F. E., ERPUL G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.180, no.1-4, pp.201-215, 2011 (SCI-Expanded)
- XXXIX. **Comparative efficiency testing for a newly designed cyclone type sediment trap for wind erosion measurements**
Basaran M., ERPUL G., UZUN O., Gabriels D.
Geomorphology, vol.130, no.3-4, pp.343-351, 2011 (SCI-Expanded)
- XL. **Physical land suitability classification in a semi-arid condition: The Çiçekdağı State Farm-Kirsehir, Turkey**
Tunçay T., BAYRAMIN İ., ERPUL G., Kibar M.
International Journal of Physical Sciences, vol.6, no.12, pp.2973-2982, 2011 (SCI-Expanded)
- XLI. **Conditional simulation of USLE/RUSLE soil erodibility factor by geostatistics in a Mediterranean catchment, Turkey**
Baskan O., Cebel H., Akgul S., ERPUL G.
Environmental Earth Sciences, vol.60, no.6, pp.1179-1187, 2010 (SCI-Expanded)
- XLII. **Effect of attachment configuration on the trapping efficiency of Vaseline-coated slide catchers for windblown particles**
Basaran M., ERPUL G., Ozcan A. U., Bogman P., Cornelis W. M., Gabriels D.
Environmental Earth Sciences, vol.61, no.7, pp.1375-1384, 2010 (SCI-Expanded)
- XLIII. **Average sand particle trajectory examined by the Raindrop Detachment and Wind-driven Transport (RD-WDT) process**
ERPUL G., Gabriels D., Cornelis W., Samray H., Guzelordu T.

- Earth Surface Processes and Landforms, vol.34, no.9, pp.1270-1278, 2009 (SCI-Expanded)
- XLIV. **Comparing the efficiency of ordinary kriging and cokriging to estimate the Atterberg limits spatially using some soil physical properties**
Baskan O., ERPUL G., Dengiz O.
Clay Minerals, vol.44, no.2, pp.181-193, 2009 (SCI-Expanded)
- XLV. **Sand transport under increased lateral jetting of raindrops induced by wind**
ERPUL G., Gabriels D., Cornelis W., Samray H., Guzelordu T.
Geomorphology, vol.104, no.3-4, pp.191-202, 2009 (SCI-Expanded)
- XLVI. **Comparison of soil organic carbon content, hydraulic conductivity, and particle size fractions between a grassland and a nearby black pine plantation of 40 years in two surface depths**
BAYRAMİN İ., Basaran M., ERPUL G., Dolarslan M., Canga M. R.
Environmental Geology, vol.56, no.8, pp.1563-1575, 2009 (SCI-Expanded)
- XLVII. **Determination of efficiency of Vaseline slide and Wilson and Cooke sediment traps by wind tunnel experiments**
Youssef F., ERPUL G., Bogman P., Cornelis W. M., Gabriels D.
ENVIRONMENTAL GEOLOGY, vol.55, no.4, pp.741-750, 2008 (SCI-Expanded)
- XLVIII. **Use of USLE/GIS technology integrated with geostatistics to assess soil erosion risk in different land uses of Indagi Mountain Pass-Cankiri, Turkey**
Ozcan A. U., ERPUL G., Basaran M., Erdogan H. E.
ENVIRONMENTAL GEOLOGY, vol.53, no.8, pp.1731-1741, 2008 (SCI-Expanded)
- XLIX. **Variation of macro-aggregate stability and organic matter fractions in the basin of Saraykoy II Irrigation Dam, Cankiri, Turkey**
Basaran M., Erpul G., Ozcan A. U.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, no.2, pp.224-239, 2008 (SCI-Expanded)
- L. **Spatial and short time variability of some soil properties in a nursery garden experimental site irrigated with low quality water**
Basaran M., Erpul G., Özcan A.
Asian Journal of Chemistry, vol.20, no.5, pp.3726-3740, 2008 (SCI-Expanded)
- LI. **Use of USLE/GIS methodology for predicting soil loss in a semiarid agricultural watershed**
Erdogan E. H., Erpul G., Bayramin I.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.131, no.1-3, pp.153-161, 2007 (SCI-Expanded)
- LII. **Numerical analysis of boron transport under different flow regimes**
ÖZTÜRK H. S., Erpul G., Ozkan I.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, no.5, pp.452-456, 2006 (SCI-Expanded)
- LIII. **Use of CORINE methodology to assess soil erosion risk in the semi-arid area of Beypazarı, Ankara**
BAYRAMİN İ., ERPUL G., Erdoğan H. E.
Turkish Journal of Agriculture and Forestry, vol.30, no.2, pp.81-100, 2006 (SCI-Expanded)
- LIV. **Sand detachment by wind-driven raindrops**
Erpul G., Gabriels D., Norton L.
EARTH SURFACE PROCESSES AND LANDFORMS, vol.30, no.2, pp.241-250, 2005 (SCI-Expanded)
- LV. **Wind effects on sediment transport by raindrop-impacted shallow flow: A wind-tunnel study**
Erpul G., Gabriels D., Norton L.
EARTH SURFACE PROCESSES AND LANDFORMS, vol.29, no.8, pp.955-967, 2004 (SCI-Expanded)
- LVI. **Splash-saltation trajectories of soil particles under wind-driven rain**
Erpul G., Norton L., Gabriels D.
GEOMORPHOLOGY, vol.59, no.1-4, pp.31-42, 2004 (SCI-Expanded)
- LVII. **Sediment transport from interrill areas under wind-driven rain**
Erpul G., Norton L., Gabriels D.
JOURNAL OF HYDROLOGY, vol.276, no.1-4, pp.184-197, 2003 (SCI-Expanded)
- LVIII. **The effect of wind on raindrop impact and rainsplash detachment**
Erpul G., Norton L., Gabriels D.

TRANSACTIONS OF THE ASAE, vol.46, no.1, pp.51-62, 2003 (SCI-Expanded)

LIX. Effect of subsequent simulated rainfalls on runoff and erosion

ERPUL G., Çanga M. R.

Turkish Journal of Agriculture and Forestry, vol.23, no.6, pp.659-665, 1999 (SCI-Expanded)

LX. Assessing the drop size distribution of simulated rainfall in a wind tunnel

ERPUL G., Gabriels D., Janssens D.

SOIL & TILLAGE RESEARCH, vol.45, no.3-4, pp.455-463, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Global rainfall erosivity database (GloREDA) and monthly R-factor data at 1 km spatial resolution**
Panagos P., Hengl T., Wheeler I., Marcinkowski P., Rukeza M. B., Yu B., Yang J. E., Miao C., Chattopadhyay N., Sadeghi S. H., et al.
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- II. **COST OF RAISING SOIL ORGANIC CARBON FOR A QUARTER-CENTURY IN A SEMI-ARID TURKISH PLAIN: HARRAN PLAIN**
Akça E., Çullu M. A., Aydoğdu M. H., Erpul G., Aydın G., Albers P. P., Tufaner F., Çelik A., Varınca K., Zeydanlı U., et al.
Journal of Engineering and Technology for Industrial Applications, vol.8, no.36, pp.14-23, 2022 (Scopus)
- III. **Toprak neminin yarı kurak alanlarda çok zamanlı RADARSAT-2 verileri ile incelenmesi**
MADENOĞLU S., Özcan H., Eker M. R., PINAR M. Ö., Akgül S., Keçeci M., TUNÇAY T., Seçmen M. H., Koç A., ÜSTÜNER M., et al.
Jeodezi ve jeoinformasyon dergisi (Online), vol.9, no.1, pp.1-11, 2022 (Peer-Reviewed Journal)
- IV. **PUBLIC POLICIES AND INVESTMENTS FOR MAINSTREAMING SUSTAINABLE FOREST MANAGEMENT IN TURKEY**
Kaya Topçu P., ERPUL G., DEVİREN SAYGIN S.
Turkish journal of forest science (Online), vol.6, no.1, pp.174-185, 2022 (Peer-Reviewed Journal)
- V. **How Is Land Degradation Perceived By the Farmers of Beypazarı?**
Kaya Topçu P., ERPUL G., DEVİREN SAYGIN S.
Ziraat Mühendisliği, vol.374, pp.67-75, 2022 (Peer-Reviewed Journal)
- VI. **Redefining Water Treatment: Identification of WWTPs as an Earth System Problem and Circular Economic Eco-Bog System to Challenge It**
BİLGİN A., ERPUL G.
European Journal of Environment and Earth Sciences, vol.2, 2021 (Peer-Reviewed Journal)
- VII. **PARMAK EROZYONU SÜREÇLERİNİN WEPP MODELİ YAKLAŞIMI İLE İNCE BÜNYELİ TOPRAKLAR İÇİN DEĞERLENDİRİLMESİ**
Arslan Ş., DEVİREN SAYGIN S., ARI F., TEMİZ Ç., ÜNAL M. A., ERPUL G.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.11, pp.99-110, 2020 (Peer-Reviewed Journal)
- VIII. **Monitoring land cover changes during different growth stages of semi-arid cropping systems of wheat and sunflower by NDVI and LAI**
Pınar M. Ö., ERPUL G.
Institute of Electrical and Electronics Engineers, pp.1-5, 2020 (Peer-Reviewed Journal)
- IX. **Determination of National Dynamic Wind Erosion Model and Monitoring System Vegetation Parameter**
Akgöz R., İNCE K., Erpul G.
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