

## Prof. CENK DÖNMEZ

### Personal Information

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### Education Information

Doctorate, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, Turkey 2008 - 2012

Postgraduate, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, Turkey 2006 - 2008

Undergraduate, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, Turkey 2001 - 2005

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, İklim Değişikliğinin Etkisi Altında Seyhan Üst-Havzası Ekosistem Bileşenlerinin Modellenmesi ve Etkileşim Düzeylerinin Belirlenmesi, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, 2012

Postgraduate, Envisat MERIS Uydu Verileri Kullanarak Yukarı Seyhan Havzası Ormanlarında Meşcere Kapalılığının Haritalanması, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, 2008

### Research Areas

Agricultural Sciences, Agriculture, Landscape Architecture, Landscape Planning, Geotechnical Engineering, Geographic Information Systems, Remote sensing, Engineering and Technology

### Academic Titles / Tasks

Professor, Cukurova University, Mimarlık Fakültesi, Peyzaj Mimarlığı, 2023 - Continues

Associate Professor, Cukurova University, Mimarlık Fakültesi, Peyzaj Mimarlığı, 2017 - 2023

Assistant Professor, Cukurova University, Fen Bilimleri Enstitüsü, Uzaktan Algılama, 2013 - 2017

Assistant Professor, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, 2012 - 2017

Research Assistant, Cukurova University, Peyzaj Mimar., Peyzaj Mimarlığı, 2006 - 2012

### Courses

Peyzaj Planlamada Çevresel Modelleme , Postgraduate, 2013 - 2014

## Jury Memberships

Competition, Peyzaj Tasarımı Proje Yarışması, Mersin Mimarlar Odası, November, 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Climate change causes spatial shifts in the productivity of agricultural long-term field experiments**  
Donmez C., Sahingoz M., Paul C., ÇİLEK A., Hoffmann C., BERBEROĞLU S., Webber H., Helming K.  
European Journal of Agronomy, vol.155, 2024 (SCI-Expanded)
- II. **Estimating Yield Response Functions to Nitrogen for Annual Crops in Iran**  
Aghabeygi M., Dönmez C.  
Agronomy, vol.14, no.3, 2024 (SCI-Expanded)
- III. **An open-source metadataset of running European mid- and long-term agricultural field experiments**  
Dönmez C.  
SOIL USE AND MANAGEMENT, vol.1, no.40, pp.1-20, 2024 (SCI-Expanded)
- IV. **Climate change impacts on long-term field experiments in Germany**  
Dönmez C., Schmidt M., Çilek A., Grosse M., Paul C., Hierold W., Helming K.  
AGRICULTURAL SYSTEMS, vol.205, pp.103578, 2023 (SCI-Expanded)
- V. **Sustainable soil management measures: a synthesis of stakeholder recommendations**  
Strauss V., Paul C., Dönmez C., Löbmann M., Helming K.  
AGRONOMY FOR SUSTAINABLE DEVELOPMENT, vol.43, pp.1-20, 2023 (SCI-Expanded)
- VI. **Carbon farming: Are soil carbon certificates a suitable tool for climate change mitigation?**  
Paul C., Bartkowski B., Dönmez C., Don A., Mayer S., Steffens M., Weigl S., Wiesmeier M., Wolf A., Helming K.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.330, pp.1-20, 2023 (SCI-Expanded)
- VII. **Implementing a Proxy-Basin Strategy to Assess the Transposability of a Hydrological Model in Geographically Similar Catchments**  
DÖNMEZ C., ÇİLEK A., Paul C., BERBEROĞLU S.  
SUSTAINABILITY, vol.13, no.20, 2021 (SCI-Expanded)
- VIII. **Computer vision-based citrus tree detection in a cultivated environment using UAV imagery**  
DÖNMEZ C., Villi O., BERBEROĞLU S., ÇİLEK A.  
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.187, 2021 (SCI-Expanded)
- IX. **Modelling climate change impacts on regional net primary productivity in Turkey.**  
Berberoglu S., Donmez C., Cilek A.  
Environmental monitoring and assessment, vol.193, no.242, pp.242, 2021 (SCI-Expanded)
- X. **Mapping snow cover using landsat data: toward a fine-resolution water-resistant snow index**  
DÖNMEZ C., BERBEROĞLU S., ÇİÇEKLİ S. Y., ÇİLEK A., Arslan A. N.  
METEOROLOGY AND ATMOSPHERIC PHYSICS, vol.133, no.2, pp.281-294, 2021 (SCI-Expanded)
- XI. **Improving the Applicability of the SWAT Model to Simulate Flow and Nitrate Dynamics in a Flat Data-Scarce Agricultural Region in the Mediterranean**  
DÖNMEZ C., Sari O., BERBEROĞLU S., ÇİLEK A., Şatır O., Volk M.  
WATER, vol.12, no.12, 2020 (SCI-Expanded)
- XII. **Basin-wide hydrological system assessment under climate change scenarios through conceptual modelling**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A., KRAUSE P.  
INTERNATIONAL JOURNAL OF DIGITAL EARTH, vol.13, no.8, pp.915-938, 2020 (SCI-Expanded)
- XIII. **Spatial and temporal evaluation of soil erosion in Turkey under climate change scenarios using the Pan-European Soil Erosion Risk Assessment (PESERA) model**  
Berberoglu S., Çilek A., Kirkby M., Irvine B., Dönmez C.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.192, 2020 (SCI-Expanded)
- XIV. **Estimating Spatio-temporal Responses of Net Primary Productivity to Climate Change Scenarios in the Seyhan Watershed by Integrating Biogeochemical Modelling and Remote Sensing**

- BERBEROĞLU S., Evrendilek F., DÖNMEZ C., ÇİLEK A.  
CLIMATE CHANGE IMPACTS ON BASIN AGRO-ECOSYSTEMS, vol.18, pp.183-199, 2019 (SCI-Expanded)
- XV. **Spatiotemporal Modeling of Net Primary Productivity of Eastern Mediterranean Biomes Under Different Regional Climate Change Scenarios**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A., Evrendilek F.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, vol.10, no.2, pp.341-356, 2016 (SCI-Expanded)
- XVI. **UNDERSTANDING SPATIAL AND TEMPORAL SNOW DYNAMICS OF A MEDITERRANEAN CATCHMENT USING PROCESS-ORIENTED MODELLING AND REMOTE SENSING**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.5, pp.1609-1622, 2016 (SCI-Expanded)
- XVII. **Mapping regional forest fire probability using artificial neural network model in a Mediterranean forest ecosystem**  
Şatır O., BERBEROĞLU S., DÖNMEZ C.  
GEOMATICS NATURAL HAZARDS & RISK, vol.7, no.5, pp.1645-1658, 2016 (SCI-Expanded)
- XVIII. **A comparative assessment of catchment runoff generation and forest productivity in a semi-arid environment**  
DÖNMEZ C., BERBEROĞLU S.  
INTERNATIONAL JOURNAL OF DIGITAL EARTH, vol.9, no.10, pp.942-962, 2016 (SCI-Expanded)
- XIX. **Coupling of remote sensing, field campaign, and mechanistic and empirical modeling to monitor spatiotemporal carbon dynamics of a Mediterranean watershed in a changing regional climate**  
BERBEROĞLU S., DÖNMEZ C., Evrendilek F.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.4, 2015 (SCI-Expanded)
- XX. **Response of the regression tree model to high resolution remote sensing data for predicting percent tree cover in a Mediterranean ecosystem**  
DÖNMEZ C., BERBEROĞLU S., ERDOĞAN M. A., Tanrıöver A. A., ÇİLEK A.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.2, 2015 (SCI-Expanded)
- XXI. **SPATIAL VARIATIONS OF NPP IN DIFFERENT ALTITUDES AT A MEDITERRANEAN WATERSHED**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, no.7, pp.2264-2274, 2015 (SCI-Expanded)
- XXII. **MODELLING LAND-USE CHANGE DYNAMICS IN A MEDITERRANEAN COASTAL WETLAND USING CA-MARKOV CHAIN ANALYSIS**  
Akin A., BERBEROĞLU S., ERDOĞAN M. A., Dönmez C.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, pp.386-396, 2012 (SCI-Expanded)
- XXIII. **Modelling the current and future spatial distribution of NPP in a Mediterranean watershed**  
DÖNMEZ C., BERBEROĞLU S., Curran P. J.  
INTERNATIONAL JOURNAL OF APPLIED EARTH OBSERVATION AND GEOINFORMATION, vol.13, no.3, pp.336-345, 2011 (SCI-Expanded)
- XXIV. **Modeling above-ground litterfall in eastern Mediterranean conifer forests using fractional tree cover, and remotely sensed and ground data**  
TASKINSU-MEYDAN S., Evrendilek F., BERBEROĞLU S., DÖNMEZ C.  
APPLIED VEGETATION SCIENCE, vol.13, no.4, pp.485-497, 2010 (SCI-Expanded)
- XXV. **Modeling forest productivity using envisat MERIS data**  
Berberoglu S., Evrendilek F., OZKAN C., Donmez C.  
SENSORS, vol.7, no.10, pp.2115-2127, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Geospatial technologies for physical planning: Bridging the gap between earth science and planning**  
Berberoğlu S., Akın Tanrıöver A., Şatır O., Dönmez C., Çilek A., Şahingöz M.  
JOURNAL OF DESIGN FOR RESILIENCE IN ARCHITECTURE & PLANNING, vol.3, no.2, pp.213-223, 2022 (Peer-

Reviewed Journal)

- II. **Dataset of Indicators for the Assessment of Ecosystem Services Affected by Agricultural Soil Management**  
Paul C., Donmez C., Koeppe P., Robinson J. S., Barnickel S.  
DATA, vol.7, no.8, 2022 (ESCI)
- III. **Provision of metadata of European agricultural long-term experiments through BonaRes and EJP SOIL collaboration**  
Donmez C., Blanchy G., Svoboda N., D'Hose T., Hoffmann C., Hierold W., Klumpp K.  
DATA IN BRIEF, vol.42, 2022 (ESCI)
- IV. **Generation of High-Resolution 3-D Maps for Landscape Planning and Design Using UAV Technologies**  
ÇİLEK A., BERBEROĞLU S., DÖNMEZ C., ÜNAL M.  
Journal of Digital Landscape Architecture, vol.5, no.1, pp.175-284, 2020 (Scopus)
- V. **Change detection in urban area using Landsat data; Gaziantep case study in Turkey**  
külahlıoğlu m., ÇİÇEKLİ S. Y., dönmez c., berberoğlu S.  
International Journal of Landscape Architecture Research (IJLAR), vol.3, no.2, pp.70-73, 2019 (Peer-Reviewed Journal)
- VI. **Landform Analysis using Topographic Characteristics: An Example of Usak Ulubey Canyon**  
ÇİLEK A., BERBEROĞLU S., ÜNAL ÇİLEK M., DÖNMEZ C.  
Bilge International Journal of Science and Technology Research, vol.3, pp.77-88, 2019 (Peer-Reviewed Journal)
- VII. **Doğu Akdeniz'de Web-Tabanlı Turunçgil Bilgi Sistemi Oluşturulması**  
BERBEROĞLU S., ŞAHİNGÖZ M., ERDOĞAN M. A., DÖNMEZ C., ÇİLEK A.  
Geomatik, vol.3, no.2, pp.137-144, 2018 (Peer-Reviewed Journal)
- VIII. **Environmental Risk Analysis of Turkey under Climate Change Scenarios using Spatial Modelling: Application of Net Primary Productivity**  
BERBEROĞLU S., DÖNMEZ C., ÇİLEK A.  
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, pp.107-116, 2016 (Peer-Reviewed Journal)
- IX. **İklim Değişikliği Senaryoları Altında Konumsal Modelleme Kullanarak Türkiye'nin Çevresel Risk Analizi: Net Birincil Üretim Örneği**  
BERBEROĞLU S., DÖNMEZ C., ÇİLEK A.  
Çukurova Üniversitesi Mühendislik Mimarlık Fakülte Dergisi, 2016 (Peer-Reviewed Journal)
- X. **İklim Değişikliğinin Etkisi Altında Yukarı-Seyhan Havzası Ekosistem Bileşenlerinin Modellenmesi Ve Etkileşim Düzeylerinin Belirlenmesi**  
DÖNMEZ C., Berberoğlu S.  
Ç.Ü. Fen Bilimleri Enstitüsü Dergisi, vol.10, pp.1-10, 2013 (Peer-Reviewed Journal)
- XI. **Environmental Risk Assessment of The Seyhan Watershed Using Spatial Modelling**  
BERBEROĞLU S., DÖNMEZ C., ERDOĞAN M. A.  
Journal of İTU-A|Z, no.8, pp.80-90, 2011 (Peer-Reviewed Journal)
- XII. **Environmental Risk Assessment of the Seyhan Watershed: Modelling Net Primary Production, Erosion and Forest Fire Risk**  
BERBEROĞLU S., DÖNMEZ C., ERDOĞAN M. A.  
ITU JOURNAL AZ, vol.8, pp.80-90, 2011 (Peer-Reviewed Journal)
- XIII. **Envisat MERIS Uydu Verileri Kullanarak Seyhan Yukarı Havzası Ormanlarında Meşcere Kapalılığının Haritalanması**  
DONMEZ C., BERBEROĞLU S.  
Ç.Ü. Fen Bilimleri Enstitüsü, Fen ve Mühendislik Bilimleri Dergisi, pp.1-10, 2008 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Estimating Spatio-temporal Responses of Net Primary Productivity to Climate Change Scenarios in the Seyhan Watershed by Integrating Biogeochemical Modelling and Remote Sensing**

BERBEROĞLU S., Evrendilek F., DÖNMEZ C., ÇİLEK A.

in: Climate Change Impacts on Basin Agro-ecosystems, Watanabe, T., Kapur, S., Aydın, M., Kanber, R., Akça, E., Editor, Springer Nature Publishing Group, Ag, pp.183-199, 2019

**II. Estimating Spatio-temporal Responses of Net Primary Productivity to Climate Change Scenarios in the Seyhan Watershed by Integrating Biogeochemical Modelling and Remote Sensing**

BERBEROĞLU S., EVRENDİLEK F., DÖNMEZ C., ÇİLEK A.

in: Climate Change Impacts on Basin Agro-ecosystems, , Editor, Springer, pp.183-199, 2019

**III. Soil Degradation, Global Assessment**

Kapur S., Berberoğlu S., DÖNMEZ C., Erdoğan M. A., Akça E., Kapur B.

in: Encyclopedia of Environmental Management, Jorgensen S.E., Editor, Taylor & Francis, Newyork, pp.1-13, 2013

**IV. Encyclopedia of Environmental Management**

KAPUR S., BERBEROĞLU S., DONMEZ C., ERDOĞAN M. A., Akça E., KAPUR B.

in: Soil Degradation: Global Assessment, ... , Editor, Taylor & The Francis Press, ..., pp.1-13, 2013

**V. Soil Degradation Global Assesment**

Kapur S., Berberoğlu S., DÖNMEZ C., ERDOĞAN M. A., AKÇA E., KAPUR B.

in: Encyclopedia of Environmental Management, Sven Erik Jorgensen, Editor, Taylor and Francis Group, pp.2375-2387, 2013

**VI. Soil Degradation: Global Assessment**

Kapur S., BERBEROĞLU S., AKÇA E., DÖNMEZ C., ERDOĞAN M. A., KAPUR B.

in: Encyclopedia of Environmental Management, Sven Erik Jorgensen, Editor, CRC Press, Florida, pp.2375-2387, 2012

## **Refereed Congress / Symposium Publications in Proceedings**

**I. LANDSLIDE SUSCEPTIBILITY MAPPING OF BÜYÜK MENDERES BASIN USING GEOGRAPHIC INFORMATION SYSTEMS (GIS)**

KURT G., DÖNMEZ C., ÇİLEK A., BERBEROĞLU S.

III. ULUSLARARASI ŞEHİR ÇEVRE SAĞLIK KONGRESİ, 16 April 2021

**II. Change detection in urban area using Landsat images satellites, a case of study in Gaziantep**

KÜLAHLIOĞLU M., ÇİÇEKLİ S. Y., DÖNMEZ C., BERBEROĞLU S.

The 2nd International Congress on Landscape Architecture Research, İstanbul, Turkey, 23 - 24 September 2019

**III. Landform Analysis using Topographic Characteristics:An Example of Usak Ulubey Canyon**

Çilek A., Berberoğlu S., Ünal M., Dönmez C.

ICONST 2019- LIFE SCIENCE AND TECHNOLOGY, Prizren, Serbia, 26 - 30 August 2019

**IV. Investigation Effect Of Waterland Area Changes On Land Use/ Land Cover:Example Of Mehmetli Reservoir Upgrade Project**

KÜLAHLIOĞLU M., ÇİÇEKLİ S. Y., BERBEROĞLU S., DÖNMEZ C.

International Conference on Multidisciplinary Sciences (ICOMUS), İstanbul, Turkey, 15 - 16 December 2018, pp.722-730

**V. Seyhan Havzası'nda GEFC Modeli ile Alt Havza Bazında Ekolojik Akışın Modellemesi**

BERBEROĞLU S., DÖNMEZ C., ÇİLEK A.

International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 November 2018, vol.1, pp.1668-1674

**VI. An Integrated Assessment of Eco-hydrological Processes of A Mountainous Catchment using Geospatial Modelling and Remote Sensing**

DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.

INTERNATIONAL JOINT FORUM LEA-2018 and EcoTour-2018, Lviv, Ukraine, 22 - 24 November 2018

**VII. Biotope Mapping in Wetlands Using High-Resolution Satellite Images**

ÇİLEK A., BERBEROĞLU S., DÖNMEZ C.

INTERNATIONAL JOINT FORUM LEA'2018 YSTCMT'2018, 22 - 24 November 2018

- VIII. **An Integrated Assessment of Eco-hydrological Process of A Mountainous Catchment using Geospatial Modelling and Remote Sensing**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
International Joint Forum LEA 2018 and EcoTour-2018, Lviv, Ukraine, 22 - 24 November 2018, pp.1-4
- IX. **Seyhan Havzası'nda GEFC Modeli ile Alt Havza Bazında Ekolojik Akışın Modellenmesi**  
BERBEROĞLU S., DÖNMEZ C., ÇİLEK A.  
International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 November 2018, pp.1-4
- X. **Modelling Mediterranean Forest Productivity using BIOME-BGC Model**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
International Congress on Engineering and Architecture (ENAR-2018), Antalya, Turkey, 14 - 16 November 2018, pp.1-4
- XI. **Assessing Spatio-temporal snow cover patterns in a mountainous Mediterranean watershed using conceptual modelling and remote sensing**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
Workshop on "Towards a better harmonization of snow observation and data assimilation on Europe-COST, Budapeşte, Hungary, 30 October 2018, pp.1-4
- XII. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**  
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- XIII. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**  
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- XIV. **Comparison of Pixel and Object-Based Classification Methods in Wetlands Using Sentinel-2 Data**  
ÇİÇEKLİ S. Y., ŞEKERTEKİN A., ARSLAN N., DÖNMEZ C.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.298-302
- XV. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**  
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.  
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XVI. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**  
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.  
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XVII. **Çukurova Tarımsal Ürün Deseninin Geleceğe Yönelik Modellenmesi**  
TANRIOVER A. A., Erdoğan N., BERBEROĞLU S., ÇİLEK A., ERDOĞAN M. A., DÖNMEZ C., ŞATIR O.  
VII. Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu, Eskişehir, Turkey, 18 - 21 September 2018, pp.392-401
- XVIII. **ADANA SEYHAN BARAJ GÖLÜ ALANININ MEVSİMSSEL DEĞİŞİMİNİN YAPAY SİNİR AĞLARI İLE ANALİZİ**  
ARSLAN N., ÇİÇEKLİ S. Y., DÖNMEZ C., ŞEKERTEKİN A.  
Uzaktan Algılama ve Coğrafi Bilgi Sistemleri Sempozyumu 2018 (UZAL-CBS 2018), Eskişehir, Turkey, 18 - 21 September 2018
- XIX. **Implementing Landscape Rehabilitation Projects Using Remote Sensing Images in Damaged Natural Landscape Areas**  
ÇİLEK A., BERBEROĞLU S., DÖNMEZ C., ÜNAL M.  
Digital Landscape Architecture 2018 (DLA 2018), Freising, Germany, 30 May - 02 June 2018, vol.1, no.1, pp.1
- XX. **Assessment of Calibration and Validation of CropSyst model in winter wheat productivity in Mediterranean Environments**

- ÇİLEK A., BERBEROĞLU S., ÜNAL M., DÖNMEZ C.  
XIX. World Congress of CIGR (the International Commission of Agricultural and Biosystems Engineering), Antalya, Turkey, 22 - 25 March 2018, vol.1, pp.1
- XXI. **A Comprehensive Hydrological Modelling Implementation: A Case Study of Goksu Watershed, Turkey**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
3rd Peex Science Conference and 7th Peex Meeting IIASA Workshop, Moskova, Russia, 19 - 22 October 2017, pp.1
- XXII. **Effectiveness of Calibration Procedures in Integrated Hydrological Modelling**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A., TANRIOVER A. A.  
International Symposium on GIS Applications in Geography and Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.301
- XXIII. **Mapping Percent Tree Cover of Turkey using MODIS Data and Regression Tree Model**  
BERBEROĞLU S., ŞATIR O., DÖNMEZ C., ERDOĞAN M. A., TANRIOVER A. A., ÇİLEK A.  
International Symposium on GIS Applications in Geography and Geosciences, Çanakkale, Turkey, 18 - 21 October 2017, pp.229
- XXIV. **Determination of the Environmental Impacts of Agricultural Land Use on Lower Seyhan Plane using SWAT Model**  
BERBEROĞLU S., DÖNMEZ C., ŞATIR O., ÇİLEK A., SARI Ö.  
International Soil and Water Assessment Tool Conference (SWAT 2017), Varşova, Poland, 28 - 30 June 2017, pp.1
- XXV. **Assessment of crop yield simulations for citrus plantations using Cropsyst model for Lower Seyhan Plain in Turkey**  
ÇİLEK A., BERBEROĞLU S., DÖNMEZ C., ERDOĞAN M. A.  
2nd Agriculture and Climate Change Conference, Barselona, Spain, 26 - 28 March 2017, vol.1, no.1, pp.1
- XXVI. **Use of Remote Sensing for Seasonal and Temporal Monitoring in Wetlands: A Case Study of Akyatan Lagoon**  
ÇİLEK A., BERBEROĞLU S., TANRIOVER A. A., DÖNMEZ C.  
19th International Conference on Landscape Ecology and Urban Ecology, Roma, Italy, 5 - 06 March 2017, vol.4, no.3, pp.1
- XXVII. **APPLYING AN INTEGRATED LANDSCAPE ASSESSMENT AND HYDROLOGICAL MODELLING APPROACH TO A MOUNTAINOUS CATCHMENT**  
DÖNMEZ C., BERBEROĞLU S., ÇİLEK A.  
INTERNATIONAL CONFERENCE OF YOUNG SCIENTISTS (GEOTERRACE-2016), Lviv, Ukraine, 15 - 17 December 2016, pp.1-4
- XXVIII. **OBJECT BASED CROP MAPPING USING MULTI-TEMPORAL LANDSAT 8 IMAGES**  
ÇİLEK A., BERBEROĞLU S., DÖNMEZ C.  
INTERNATIONAL CONFERENCE OF YOUNG SCIENTISTS (GEOTERRACE-2016), Lviv, Ukraine, 15 - 17 December 2016, pp.1-4
- XXIX. **Uzaktan Algılama ve CBS Kullanılarak Toprak Erozyonu Modellemesi: Göksu Havzası Örneği**  
BERBEROĞLU S., ÇİLEK A., DÖNMEZ C.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- XXX. **Environmental Risk Analysis of Turkey under Climate Change Scenarios using Spatial Modelling: Application of Net Primary Productivity**  
BERBEROĞLU S., DÖNMEZ C., ÇİLEK A.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1
- XXXI. **Introducing An Ecohydrological Modelling Approach to Investigate Complex Interactions of Forest And Water**  
Dönmez C., Berberoğlu S., Çilek A.  
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## **Metrics**

Publication: 137

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## **Non Academic Experience**

Leibniz Center for Agricultural Landscape Research (ZALF)

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Friedrich-Schiller Üniversitesi-Almanya

Boston Üniversitesi - ABD

Friedrich-Schiller Üniversitesi - Almanya