

## Prof. Nebiye Musaođlu

### Personal Information

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### Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Turkey 1993 - 1999

Postgraduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik Mühendisliđi (YI), Turkey 1991 - 1993

Undergraduate, İstanbul Teknik Üniversitesi, İnşaat Fakóltesi, Jeodezi Ve Fotogrametri Mühendisliđi Bölümü, Turkey 1985 - 1989

### Foreign Languages

English

### Dissertations

Doctorate, Elektro-Optik Ve Aktif Mikrodalga Algılayıcılardan Elde Edilen Uydu Verilerinden Orman Alanlarında Meşcere Tiplerinin Ve Yetiştirme Ortamı Birimlerinin Belirlenme Olanakları, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 1999

Postgraduate, İstanbul Ümraniye Örneğinde Uzaktan Algılama Verileri Kullanılarak Metropolitan Analizi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Geomatik Mühendisliđi (YI), 1993

### Research Areas

Technical Sciences, Geotechnical Engineering, Geographic Information Systems, Remote sensing

### Academic Titles / Tasks

Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliđi, 2006 - Continues

Associate Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliđi, 2004 - 2006

Assistant Professor, İstanbul Technical University, İnşaat, Geomatik Mühendisliđi, 2001 - 2004

Research Assistant, İstanbul Technical University, İnşaat, Geomatik Mühendisliđi, 1994 - 2001

### Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Yabancı Diller Yüksekokulu, 2008 - 2014

İstanbul Teknik Üniversitesi, 2009 - 2012

İstanbul Teknik Üniversitesi, İnşaat Fakóltesi, Jeodezi Ve Fotogrametri Mühendisliđi Bölümü, 2001 - 2002

## Courses

SURVEYING, Undergraduate, 2016 - 2017  
SAYISAL YÖNTEMLER, Undergraduate, 2016 - 2017  
UZAKTAN ALGILAMA 1, Undergraduate, 2016 - 2017  
COĞRAFİ BİLGİ SİSTEMLERİNDE UZAKTAN ALGILAMA, Postgraduate, 2016 - 2017  
RADAR VE MİKRODALGA İLE UZAKTAN ALGILAMA, Doctorate, 2016 - 2017  
MÜHENDİSLİKTE VERİ TABANLARI, Undergraduate, 2016 - 2017  
UZAKTAN ALGILAMA VE VERİ ENTEGRASYONU, Doctorate, 2015 - 2016

## Jury Memberships

Appointment Academic Staff, Profesörlük jürisi, İTÜ, July, 2017  
Appointment Academic Staff, Yardımcı doçentlik jürisi, YTÜ, May, 2017  
Appointment Academic Staff, Profesörlük jürisi, İTÜ, April, 2017  
Post Graduate, Yüksek Lisan Tezi Jüriliği, İTÜ, April, 2017  
Doctorate, Doktora jüri, YTÜ, March, 2017

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

- I. **Development of sustainable wetland management strategies by using the analytical hierarchy process and web-based GIS: A case study from Turkey**  
BAKIRMAN T., GÜMÜŞAY M. Ü. , Musaoğlu N., Tanik A. G.  
TRANSACTIONS IN GIS, 2021 (Journal Indexed in SSCI)
- II. **Analysis of Salt Lake Volume Dynamics Using Sentinel-1 Based SBAS Measurements: A Case Study of Lake Tuz, Turkey**  
Bilgilioglu B. B. , Erten E., Musaoğlu N.  
REMOTE SENSING, vol.13, no.14, 2021 (Journal Indexed in SCI)
- III. **Long and short-term assessment of surface area changes in saline and freshwater lakes via remote sensing**  
Yağmur N., Bilgilioglu B. B. , Dervişoğlu A., Musaoğlu N., Tanik A. G.  
WATER AND ENVIRONMENT JOURNAL, vol.35, no.1, pp.107-122, 2021 (Journal Indexed in SCI)
- IV. **Observed Impacts of Climate Variability on LULC in the Mesopotamia Region**  
Alzubade M., Özcan O., Musaoğlu N., Turkes M.  
CMC-COMPUTERS MATERIALS & CONTINUA, vol.67, no.2, pp.2255-2269, 2021 (Journal Indexed in SCI)
- V. **Evaluating Drought Events by Time-Frequency Analysis: A Case Study in Aegean Region of Turkey**  
Kocaaslan S., Musaoğlu N., Karamzadeh S.  
IEEE ACCESS, vol.9, pp.125032-125041, 2021 (Journal Indexed in SCI)
- VI. **MTF driven adaptive multiscale bilateral filtering for pansharpening**  
Kaplan N. H. , Erer I., Özcan O., Musaoğlu N.  
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.40, no.16, pp.6262-6282, 2019 (Journal Indexed in SCI)
- VII. **Degradation monitoring in Silvo-pastoral systems: A case study of the Mediterranean region of Turkey**  
Özcan O., Aksu G. A. , Erten E., Musaoğlu N., Cetin M.  
ADVANCES IN SPACE RESEARCH, vol.63, no.1, pp.160-171, 2019 (Journal Indexed in SCI)
- VIII. **TEMPORAL ASSESSMENT OF NATURAL WETLANDS VIA REMOTELY SENSED DATA: A CASE STUDY FROM TURKEY**  
Dervişoğlu A., Bilgilioglu B. B. , Yağmur N., Musaoğlu N., Tanik A. G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.1005-1010, 2019 (Journal Indexed in SCI)

- IX. **Assessing the vulnerability of a forest ecosystem to climate change and variability in the western Mediterranean sub-region of Turkey: future evaluation**  
Turkes M., Musaoğlu N., Özcan O.  
JOURNAL OF FORESTRY RESEARCH, vol.29, no.5, pp.1177-1186, 2018 (Journal Indexed in SCI)
- X. **Assessing vulnerability of a forest ecosystem to climate change and variability in the western Mediterranean sub-region of Turkey**  
Özcan O., Musaoğlu N., Turkes M.  
JOURNAL OF FORESTRY RESEARCH, vol.29, no.3, pp.709-725, 2018 (Journal Indexed in SCI)
- XI. **Impact of the Atatürk Dam Lake on Agro-Meteorological Aspects of the Southeastern Anatolia Region, Turkey**  
Özcan O., Bookhagen B., Musaoğlu N.  
JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING, vol.46, no.3, pp.471-481, 2018 (Journal Indexed in SCI)
- XII. **SATELLITE-BASED TEMPORAL ASSESSMENT OF A DRIED LAKE: CASE STUDY OF AKGOL WETLAND**  
DERVISOĞLU A., Musaoğlu N., Tanik A. G. , Şeker D. Z. , Kaya Ş.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.352-359, 2017 (Journal Indexed in SCI)
- XIII. **AN AUXILIARY TOOL FOR LANDSCAPE EVALUATION: ECOLOGICAL RISK ANALYSIS BASED ON ANALYTIC HIERARCHY PROCESS**  
Aksu G. A. , Musaoğlu N., Uzun A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.84-92, 2017 (Journal Indexed in SCI)
- XIV. **INVESTIGATION OF LAND USE/COVER CHANGES OF SAZLIDERE BASIN BY USING BAND RATIO FOR BUILT-UP AREA (BRBA)**  
Sariyılmaz F. B. , Musaoğlu N., Tanik A. G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.39-45, 2017 (Journal Indexed in SCI)
- XV. **Use of remote sensing and geographic information systems in the determination of high-risk areas regarding marine traffic in the Istanbul Strait**  
Musaoğlu N., Tanik A. G. , DIKERLER T., BUHUR S.  
ENVIRONMENTAL HAZARDS-HUMAN AND POLICY DIMENSIONS, vol.14, no.1, pp.54-73, 2015 (Journal Indexed in SSCI)
- XVI. **Crop water requirement estimation of wheat cultivated fields by remote sensing and GIS**  
Özcan O., Musaoğlu N., Ustundag B.  
Journal of Food, Agriculture and Environment, vol.12, no.1, pp.289-293, 2014 (Journal Indexed in SCI Expanded)
- XVII. **MAPPING THE DISTRIBUTION OF OIL SENSITIVE FISH AND BIRD SPECIES IN THE ISTANBUL STRAIT**  
Dikerler T., TANIK A. G. , Musaoğlu N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, no.12, pp.2998-3006, 2014 (Journal Indexed in SCI)
- XVIII. **ENVIRONMENTAL IMPACT ANALYSIS OF QUARRYING ACTIVITIES ESTABLISHED ON AND NEAR A RIVER BED BY USING REMOTELY SENSED DATA**  
Ozcan O., Musaoğlu N., Şeker D. Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.11, pp.3147-3153, 2012 (Journal Indexed in SCI)
- XIX. **Damage Assessment of 2010 Haiti Earthquake with Post-Earthquake Satellite Image by Support Vector Selection and Adaptation**  
KAYA G. T. , Musaoğlu N., ERSOY O. K.  
PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING, vol.77, no.10, pp.1025-1035, 2011 (Journal Indexed in SCI)
- XX. **Comparison of Planimetric and Thematic Accuracy of OrbView-3 and IKONOS Images**  
Yanalak M., Sertel E., Musaoglu N., İpbüker C., Kaya Ş.  
JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING, vol.39, no.2, pp.135-146, 2011 (Journal Indexed in SCI)
- XXI. **Contamination of seismicity catalogs by quarry blasts: An example from Istanbul and its vicinity, northwestern Turkey**  
Horasan G., Guney A. B. , Kusmezer A., Bekler F., Ogutcu Z., MUSAOĞLU N.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.34, no.1, pp.90-99, 2009 (Journal Indexed in SCI)
- XXII. **Merging hyperspectral and panchromatic image data: qualitative and quantitative analysis**

- Cetin M., Musaoğlu N.  
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.30, no.7, pp.1779-1804, 2009 (Journal Indexed in SCI)
- XXIII. **Multitemporal assessment of land-use change in a rapidly urbanizing coastal region in Turkey using remote sensing**  
Cetin M., Musaoğlu N., TANIK A. G.  
ENVIRONMENTAL ENGINEERING SCIENCE, vol.25, no.6, pp.917-928, 2008 (Journal Indexed in SCI)
- XXIV. **DETERMINATION OF FLOOD RISK IN SAKARYA SUB-BASIN USING REMOTELY SENSED DATA AND GIS**  
Özcan O., Musaoğlu N., Şeker D. Z., Tanik A. G.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1964-1970, 2008 (Journal Indexed in SCI)
- XXV. **Edge and fine detail preservation in SAR images through speckle reduction with an adaptive mean filter**  
Serkan M., Musaoğlu N., Kirkici H., ORMECI C.  
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.29, no.23, pp.6727-6738, 2008 (Journal Indexed in SCI)
- XXVI. **Use of remotely sensed data for analysis of land-use change in a highly urbanized district of mega city, Istanbul**  
Musaoglu N., Gurel M., ULUGTEKIN N. N. , TANIK A. G. , SEKER D. Z.  
Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, vol.41, no.9, pp.2057-2069, 2006 (Journal Indexed in SCI Expanded)
- XXVII. **Monitoring turbid freshwater plume characteristics by means of remotely sensed data**  
Kaya S., SEKER D. Z. , KABDASLI S., Musaoglu N., YUASA A., SHRESTHA M. B.  
HYDROLOGICAL PROCESSES, vol.20, no.11, pp.2429-2440, 2006 (Journal Indexed in SCI)
- XXVIII. **Evaluating urban land use change in historical peninsula, Istanbul, by using gis and remote sensing**  
Duran Z., Musaoglu N., SEKER D. Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.806-810, 2006 (Journal Indexed in SCI)
- XXIX. **Determination of land-use change in an urbanized district of Istanbul via remote sensing analysis**  
Goksel C., Musaoglu N., Gurel M., Ulugtekin N., Tanik A. G. , Seker D. Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.798-805, 2006 (Journal Indexed in SCI)
- XXX. **Investigation of meandering in Filyos River by means of satellite sensor data**  
SEKER D. Z. , KAYA S., Musaoglu N., KABDASLI S., YUASA A., DURAN Z.  
HYDROLOGICAL PROCESSES, vol.19, no.7, pp.1497-1508, 2005 (Journal Indexed in SCI)
- XXXI. **Identification of land-cover changes through image processing and associated impacts on water reservoir conditions**  
MUSAOGLU N., Tanik A. G. , Kocabas V.  
ENVIRONMENTAL MANAGEMENT, vol.35, no.2, pp.220-230, 2005 (Journal Indexed in SCI)
- XXXII. **Land use change analysis of Beykoz-Istanbul by means of satellite images and GIS**  
Musaoglu N., COSKUN M., Kocabas V.  
WATER SCIENCE AND TECHNOLOGY, vol.51, no.11, pp.245-251, 2005 (Journal Indexed in SCI)
- XXXIII. **Identification of Land Use Changes through Image Processing A Case Study from Istanbul Turkey**  
MUSAOĞLU N., Tanik A. G. , Kocabaş V.  
ENVIRONMENTAL MANAGEMENT, vol.35, no.2, pp.220-230, 2005 (Journal Indexed in SCI Expanded)
- XXXIV. **Using remote sensing and GIS for the assessment of visual attributes: A case study of the south coastal zone of Turkey**  
Musaoglu N., Seker D. Z. , Kabdasli S., Kaya S., Duran Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.9, pp.854-859, 2004 (Journal Indexed in SCI)
- XXXV. **Evaluation of control alternatives for domestic and industrial wastewater sources in Umur Creek Catchment Area**  
ONGAN-TORUNOGLU P., DOGRUEL S., ORHON D., Musaoglu N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, no.9, pp.831-838, 2004 (Journal Indexed in SCI)
- XXXVI. **Investigation of coastal morphological changes due to river basin characteristics by means of remote sensing and GIS techniques**  
SEKER D. Z. , GOKSEL C., KABDASLI S., Musaoglu N., KAYA S.

- WATER SCIENCE AND TECHNOLOGY, vol.48, no.10, pp.135-142, 2003 (Journal Indexed in SCI)
- XXXVII. **Use of remote sensing to monitor the Koycegiz Lagoon and its environment in Turkey**  
MAKTAV D., SUNAR F., KAPDASLI S., Musaoglu N., MUTLU T.  
EARTH OBSERVATION AND REMOTE SENSING, vol.15, no.2, pp.321-334, 1999 (Journal Indexed in SCI)
- XXXVIII. **Merging multiresolution SPOT P and landsat TM data: the effects and advantages**  
SUNAR F., Musaoglu N.  
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.19, no.2, pp.219-224, 1998 (Journal Indexed in SCI)
- XXXIX. **Use of remote sensing for monitoring the lagoon and its environment in Turkey**  
Maktav M. D. , SUNAR A. F. , KABDAŞLI M. S. , MUSAOĞLU N., Mutlu T.  
EARTH OBSERVATION AND REMOTE SENSING, vol.15, pp.321-331, 1998 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **OPPORTUNITIES PROVIDED BY REMOTE SENSING DATA FOR WATERSHED MANAGEMENT: EXAMPLE OF KONYA CLOSED BASIN**  
Yağmur N., Tanik A., Tuzcu A., Musaoğlu N., Erten E., Bilgilioglu B.  
INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.5, no.3, pp.120-129, 2020 (Journal Indexed in ESCI)
- II. **1:25000 ölçekli ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sistemi ile HGK TOPO Veritabanının Karşılaştırılması**  
SERTEL E., MUSAOĞLU N., ALP G., YAY I., KAYA Ş., YÜKSEL B., YILMAZ A.  
HARİTA DERGİSİ, 2018 (Other Refereed National Journals)
- III. **1:25.000 Ölçekli Ulusal Arazi Örtüsü/Kullanımı Sınıflandırma Sistemi ileHGK TOPOVT Veritabanının Karşılaştırılması**  
SERTEL E., MUSAOĞLU N., KAYA Ş., YAY I., Alp g., YÜKSEL b., YILMAZ A.  
Harita Dergisi, vol.160, pp.34-46, 2018 (Other Refereed National Journals)
- IV. **Ekstrem Yağış Olaylarının Fırat Havzası'ndaki Hidrolojik Bileşenlerin Yıllar Arası Değişimi Üzerine Etkisi**  
Ozcan O., Bookhagen B., MUSAOĞLU N.  
Ege Coğrafya Dergisi, 2017 (Other Refereed National Journals)
- V. **EKSTREM YAĞIŞ OLAYLARININFIRAT HAVZASI'NDAKİ HİDROLOJİK BİLEŞENLERİNYILLAR ARASI DEĞİŞİMİ ÜZERİNE ETKİSİ**  
Özcan O., Bookhagen B., Musaoğlu N.  
EGE COĞRAFYA DERGİSİ, vol.26, no.1, pp.35-47, 2017 (National Refreed University Journal)
- VI. **Intercomparison of Satellite Precipitation with Gauge Data Using Point Frequency Analysis**  
Özcan O., Musaoğlu N.  
IPSI BGD TRANSACTIONS ON INTERNET RESEARCH, vol.13, no.2, 2017 (Journal Indexed in ESCI)
- VII. **Ekstrem Yağış Olaylarının Fırat Havzası'ndaki Hidrolojik Bileşenlerin Yıllar Arası Değişimine Etkilerinin Değerlendirmesi**  
ÖZCAN O., Bookhagen B., MUSAOĞLU N.  
Ege Coğrafya Dergisi, vol.26, pp.35-46, 2017 (Other Refereed National Journals)
- VIII. **Uydu Verileriyle Batı Karadeniz'in Durumu**  
ÖRMECİ C., Müftüoğlu O., Gönenç E., Doğan E., Musaoğlu N., Kaya Ş., Göksel Ç.  
İ.T.Ü. Vakıf Dergisi, no.2, pp.1-6, 2015 (National Non-Refereed Journal)
- IX. **DEM Accuracy of High Resolution Satellite Images**  
YANALAK M., İPBÜKER C., MUSAOĞLU N., SERTEL E., KAYA Ş.  
Lecture Notes in Computer Science, 2012 (Refereed Journals of Other Institutions)
- X. **Fotogrametrik Belgeleme: Aziz Nicholas Kilisesi**  
İpbüker C., Kaya Ş., Musaoğlu N., Müftüoğlu O., ÖRMECİ C.  
Sanat Tarihi Defterleri 8, no.8, pp.237-248, 2004 (Other Refereed National Journals)

- XI. **Uzaktan Algılama Yöntemleri Kullanılarak Ürün Rekolte Tahmini**  
Sunar A. F. , Musaoğlu N., Kaya Ş., Göksel Ç., Maviş B.  
İ.T.Ü. Dergisi, no.1, pp.1-6, 1996 (National Refreed University Journal)
- XII. **The Photogrammetric Measurement of Constructional Displacements of Küçüksu Palace**  
Müftüoğlu O., Toğrol E., ÖRMECİ C., Kaya Ş., Musaoğlu N., İpbüker C.  
Bulletin of the Technical University of Istanbul, vol.48, no.2, pp.353-363, 1995 (International Refereed University Journal)
- XIII. **Kent Arazi Kullanımında Uzaktan Algılamanın Rolü**  
Göksel Ç., Musaoğlu N., Kaya Ş.  
TMMOB Harita Kadastro Mühendisleri Odası Yayın Organı, no.77, pp.67-72, 1995 (Other Refereed National Journals)

## Books & Book Chapters

- I. **Contributions of Information Technologies to Management of Forest Fires**  
Musaoğlu N., Yanalak M., Güngöroğlu C., Özcan O.  
in: FOREST FIRES Causes, Effects, Monitoring, Precautions and Rehabilitation Activities, Taşkın Kavzoğlu, Editor, Tüba Basın Yayın, Ankara, pp.165-199, 2021
- II. **Production of a Land Cover/Land Use (LC/LU) Map of Izmir Metropolitan City by Using High-Resolution Images**  
Sertel E., Topaloğlu R. H. , Bahşi K., Varol B., Musaoğlu N.  
in: Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions (2nd Edition), Mohamed Ksibi, Achraf Ghorbal, Sudip Chakraborty, Helder I. Chaminé, Editor, Springer, London/Berlin , London, pp.1837-1846, 2021
- III. **Assessing Contribution of Climate Change on Wetlands by Using Multi-temporal Satellite Data**  
Musaoğlu N., Dervişoğlu A., Yağmur N., Tuzcu A., Tanık A. G.  
in: Climate Change, Hazards and Adaptation Options, Walter Leal Filho, Gustavo J. Nagy, Marco Borga, Pastor David Chávez Muñoz, Artur Magnuszewski, Editor, Springer, London/Berlin , Berlin, pp.77-87, 2020
- IV. **Spatial Analyses for Environmental Impacts of Landfill Areas**  
Şeker D. Z. , Kaya Ş., Musaoğlu N., Demirel H., Tanık A. G. , Sertel E.  
in: Survival and Sustainability, Environmental Earth Sciences, Gökçekuş H., Editor, Springer-Verlag , Berlin, pp.691-697, 2011
- V. **Fotogrametrik Belgeleme: Aziz Nicholas Kilisesi**  
İPBÜKER C., KAYA Ş., Musaoğlu N., MÜFTÜOĞLU O., ÖRMECİ C.  
in: Sanat Tarihi Defterleri 8, Metin Ahunbay'a Armağan, Bizans Mimarisi Üzerine Yazılar, SEMRA ÖGEL, Editor, Ege Yayınları, İstanbul, pp.200-210, 2004

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Sea Surface Temperature Anomaly Detection of The Sea Of Marmara by Using Satellite Images**  
Tuzcu Kokal A., Musaoğlu N., Tanık A. G.  
INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS, 2 - 03 December 2021, pp.1-2
- II. **Spatio-Temporal Assessment of the Shrinking Lake Burdur**  
Dervişoğlu A., Yağmur N., Musaoğlu N., Tanık A. G.  
INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS, 2 - 03 December 2021, pp.1-2
- III. **How to start gentrification process using interferometric stack of sentinel-1**  
Yağmur N., Erten E., Musaoğlu N.  
2021 24th ISPRS Congress Commission III: Imaging Today, Foreseeing Tomorrow, Nice, France, 5 - 09 July 2021, vol.43, pp.183-188

- IV. **Temporal Analysis of Ramsar Sites via Remote Sensing Techniques - A Case Study of Meke Maar**  
Yağmur N., Musaoğlu N.  
4th International Conference on Buildings, Construction and Environmental Engineering (BCEE), İstanbul, Turkey, 7 - 09 October 2019, vol.737
- V. **Detecting Areal Surface Water Changes via Landsat and Sentinel Data**  
YAĞMUR N., Kaya A., Keleş S., MUSAOĞLU N., TANIK A. G.  
International Symposium on Applied Geoinformatics (ISAG 2019), 7 - 09 November 2019, vol.1, pp.249-253
- VI. **Multisource Satellite Data for Investigation of Drought Impacts in the Google Earth Engine Platform**  
KARAMZADEH KOCAASLAN S., Yüksel B., MUSAOĞLU N.  
9th International Symposium on Atmospheric Sciences (ATMOS 2019), 23 - 26 October 2019
- VII. **Determination of Land-Use/Cover and Water Turbidity of Wetlands by Using High Resolution Satellite Image**  
TUZCU A., Dervişoğlu A., MUSAOĞLU N., TANIK A. G.  
International Symposium on Applied Geoinformatics (ISAG 2019), 7 - 09 November 2019, vol.1, pp.154-158
- VIII. **Research of possible contribution for using ontology in object oriented classification**  
Şener Z., UZAR DİNLEMEK A. M. , MUSAOĞLU N., BAŞARANER A. M.  
International Symposium on Applied Geoinformatics ISAG2019 2019, İstanbul, Turkey, 7 - 09 November 2019, pp.100-105
- IX. **Geotechnical investigation of the dike built for rehabilitation of Akgol Wetland-Turkey**  
ŞENOL A., ALPYÜRÜR M., YAĞMUR N., Dervişoğlu A., MUSAOĞLU N., TANIK A. G. , BİLGİLİOĞLU B. B.  
ICEARC'19, 17 - 20 April 2019
- X. **Temporal Assessment of Water Surfaces via Satellite Images: A Case Study from Konya Closed Basin of Turkey**  
Başaran A., Haymana S., Kuşçu N. B. , YAĞMUR N., TUZCU A., MUSAOĞLU N., TANIK A. G.  
ECOCEE Conference, 17 - 18 June 2019
- XI. **Detection of Shallow Water Area with Machine Learning Algorithms**  
YAĞMUR N., TAŞKIN KAYA G., MUSAOĞLU N.  
ISPRS GEOSPATIAL WEEK, 10 - 14 June 2019
- XII. **COMPARISON OF OBJECT BASED MACHINE LEARNING CLASSIFICATIONS OF PLANETSCOPE AND WORLDVIEW-3 SATELLITE IMAGES FOR LAND USE / COVER**  
Tuzcu A., Taşkın Kaya G., Musaoğlu N.  
ISPRS Geospatial Week 2019, Enschede, Netherlands, 10 June - 14 July 2019, pp.1887-1892
- XIII. **GEOTECHNICAL INVESTIGATION OF THE DIKE BUILT FOR REHABILITATION OF AKGÖL WETLAND-TURKEY**  
ŞENOL A., ALPYÜRÜR M., YAĞMUR N., Dervişoğlu A., BİLGİLİOĞLU B. B. , MUSAOĞLU N., TANIK A. G.  
International Civil Engineering and Architecture Conference, Trabzon, Turkey, 17 - 20 April 2019, vol.1
- XIV. **Development of 4th Level CORINE Land Cover/Land Use Nomenclature for Turkey**  
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38th Annual EARSeL Symposium 3rd Joint EARSeL LULC and NASA LCLUC Workshop, 9 - 12 July 2018
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## **ANATOLIA REGION USING REMOTE SENSING AND GIS ANALYSIS**

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Coğrafi Bilgi Sistemleri Kongresi, Attendee, Ankara, Turkey, 2013

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