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Education Information

Doctorate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2018 - 2023

Postgraduate, İstanbul Technical University, Lisansüstü Eğitim Enstitüsü, Geomatik Mühendisliği, Turkey 2016 - 2018

Undergraduate Double Major, İstanbul Technical University, İnşaat Fakültesi, İnşaat Mühendisliği, Turkey 2013 - 2017

Undergraduate, İstanbul Technical University, İnşaat Fakültesi, Geomatik Mühendisliği, Turkey 2011 - 2016

Foreign Languages

English, B1 Intermediate

Research Areas

Technical Sciences, Geotechnical Engineering, Remote sensing

Academic Titles / Tasks

Lecturer, Gebze Technical University, Faculty Of Engineering, Department Of Surveying Engineering, 2021 - Continues

Research Assistant, İstanbul Technical University, Geomatik Mühendisliği, 2017 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of Spatio-Temporal Changes in Water Surface Extents and Lake Surface Temperatures Using Google Earth Engine for Lakes Region, Turkiye**
Albarqouni M. M. Y., Yağmur N., Bektaş Balçık F., Sekertekin A.
ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION, vol.11, no.7, 2022 (SCI-Expanded)
- II. **Spatio-temporal assessment of natural lakes in Turkey**
Firatlı E., Dervişoğlu A., Yağmur N., Musaoğlu N., Tanık A. G.
EARTH SCIENCE INFORMATICS, vol.15, no.2, pp.951-964, 2022 (SCI-Expanded)
- III. **Assessing spatio-temporal dynamics of large airport's surface stability**
Yağmur N., Erten E., Musaoğlu N., ŞAFAK E.
GEOCARTO INTERNATIONAL, vol.37, no.26, pp.13734-13747, 2022 (SCI-Expanded)
- IV. **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 (SCI-Expanded)

V. TEMPORAL ASSESSMENT OF NATURAL WETLANDS VIA REMOTELY SENSED DATA: A CASE STUDY FROM TURKEY

Dervişoğlu A., Bilgilioğlu B. B., Yağmur N., Musaoğlu N., Tanik A. G.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.2, pp.1005-1010, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. OPPORTUNITIES PROVIDED BY REMOTE SENSING DATA FOR WATERSHED MANAGEMENT: EXAMPLE OF KONYA CLOSED BASIN

Yağmur N., Tanik A. G., Tuzcu A., Musaoğlu N., Erten E., Bilgilioglu B.

INTERNATIONAL JOURNAL OF ENGINEERING AND GEOSCIENCES, vol.5, no.3, pp.120-129, 2020 (ESCI)

Books & Book Chapters

I. Assessing Contribution of Climate Change on Wetlands by Using Multi-temporal Satellite Data

Musaoğlu N., Dervişoğlu A., Yağmur N., Tuzcu A., Tanik A. G.

in: Climate Change, Hazards and Adaptation Options, Walter Leal FilhoGustavo J. NagyMarco BorgaPastor David Chávez MuñozArtur Magnuszewski, Editor, Springer, London/Berlin , Berlin, pp.77-87, 2020

Refereed Congress / Symposium Publications in Proceedings

I. 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

II. 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

III. 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

IV. Flood analysis with remote sensing data – A case study: Maritsa River, Edirne

SUNAR A. F., YAĞMUR N., Dervişoğlu A.

2019 GeoInformation for Disaster Management, Gi4DM 2019, Prague, Czech Republic, 3 - 06 September 2019, vol.42, pp.497-502

V. Geotechnical investigation of the dike built for rehabilitation of Akgol Wetland-Turkey

ŞENOL A., ALPYÜRÜ M., YAĞMUR N., Dervişoğlu A., MUSAOĞLU N., TANIK A. G., BİLGİLİOĞLU B. B.

ICEARC'19, 17 - 20 April 2019

VI. 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

VII. Detection of Shallow Water Area with Machine Learning Algorithms

YAĞMUR N., TAŞKIN KAYA G., MUSAOĞLU N.

VIII. **GEOTECHNICAL INVESTIGATION OF THE DIKE BUILT FOR REHABILITATION OF A KGÖL 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

IX. **Long-Term Monitoring of Wetlands via Remote Sensing and GIS: A Case Study from Turkey**

TANIK A. G., MUSAOĞLU N., GÜMÜŞAY M. Ü., Dervişoğlu A., BİLGİLİOĞLU B. B., YAĞMUR N., BAKIRMAN T., Baran D., Gökdağ F.

2nd International Conference on Climate Change, Colombo, Brazil, 15 - 16 February 2018, vol.2, pp.11-21

X. **Degradation of Ecological Functions of Akgol Wetland in Turkey: Effects and Causes**

TANIK A. G., MUSAOĞLU N., ALTAŞ L., Baran D., Dervişoğlu A., BİLGİLİOĞLU B. B., YAĞMUR N., ÇELEBİ H., ŞİMŞEK İ., EKERCİN S., et al.

3. ICOCEE 2018, 3rd International Conference on Civil and Environmental Engineering, İzmir, Turkey, 24 - 27 April 2018, vol.1, pp.507-520

XI. **Temporal Changes of Lentic System Surfaces in Konya Closed Basin, Turkey**

YAĞMUR N., BİLGİLİOĞLU B. B., MUSAOĞLU N., ERTEN E., TANIK A. G.

3. International Conference on Civil and Environmental Engineering (ICOCEE), 24 - 27 April 2018

XII. **Temporal Assessment of Natural Wetlands via Remotely Sensed Data: A Case Study from Turkey**

DERVISOGLU A., BİLGİLİOĞLU B. B., YAĞMUR N., MUSAOĞLU N., TANIK A. G.

19th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, ROMA, Italy, 4 - 06 October 2017

Metrics

Publication: 32

Citation (WoS): 10

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H-Index (WoS): 3

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