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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAL-4802-2021

ScopusID: 57220165286

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Harita Mühendisliği / Geomatik, Turkey 2019 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Harita Mühendisliği / Geomatik, Turkey 2016 - 2018

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2012 - 2016

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Zamana Bağlı Uydu Gravite Çözümlerinden Elde Edilen Kütle Değişimi Sinyallerinin Analizi, Yildiz Technical University, Graduate School of Natural and Applied Sciences, 2018

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **High-resolution temporal gravity field data products: Monthly mass grids and spherical harmonics from 1994 to 2021**
Uz M., Akyılmaz O., Shum C., Atman K. G., Olgun S., Güneş Ö.
SCIENTIFIC DATA, vol.11, no.71, pp.1-20, 2024 (SCI-Expanded)
- II. **Colored noise in GRACE total water storage time series: Its impact on trend significance in the Türkiye region and major world river basins**
GÜNEŞ Ö., AYDIN C.

Advances in Space Research, 2024 (SCI-Expanded)

III. **Comparing results of online GNSS services: A case study from Turkey**

Güneş Ö., Demir D. O.

SURVEY REVIEW, vol.54, no.383, pp.163-171, 2022 (SCI-Expanded)

IV. **Effect of Stochastic Model Errors on Significance Test for Velocities in Analysis of GPS Position Time Series**

AYDIN C., DUMAN H., GÜNEŞ Ö., Ugur Sanli D.

Journal of Surveying Engineering, vol.147, no.1, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigating the results of relative GNSS services with the July 29, 2021 Mw 8.2 Chignik, Alaska Peninsula earthquake**

Öz Demir D., Güneş Ö.

Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, pp.1, 2024 (Peer-Reviewed Journal)

II. **Analysis of GRACE time series noise characteristics**

Güneş Ö., Aydın C.

GEOMATİK, vol.9, no.1, pp.45-53, 2024 (ESCI)

III. **Applying autoregressive models in analysis of GRACE-Mascon time-series**

Güneş Ö., Aydın C.

Advances in Geodesy and Geoinformation, vol.71, no.2, pp.1-15, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **GRACE Zaman Serilerinde Uzun Dönemli Periyodik Sinyalin İncelenmesi**

Güneş Ö., Aydın C.

Türkiye Ulusal Jeodezi Komisyonu (TUJK) XXII. Sempozyumu 2023,, Trabzon, Turkey, 29 November - 01 December 2023, pp.1

II. **Deep Learning-Aided High-Resolution Temporal Gravity Field Simulations: Monthly global mass grids and Spherical Harmonics from 1994 to 2021**

Uz M., Akyılmaz O., Shum C., Atman K. G., Olgun S., Güneş Ö.

International Union of Geodesy and Geophysics (IUGG) 2023 General Assembly, Berlin, Germany, 11 - 20 July 2023, pp.1

III. **A new assessment of temporal correlations in GRACE TWS time series**

Güneş Ö., Klos A., Lenczuk A., Aydın C., Bogusz J.

International Union of Geodesy and Geophysics (IUGG) 2023 General Assembly, Berlin, Germany, 11 - 20 July 2023, pp.1

IV. **Role of temporal correlations in the uncertainties of the GRACE hydrological trend**

Güneş Ö., Aydın C.

EGU General Assembly 2023, Vienna, Austria, 23 - 28 April 2023, pp.1

V. **Demystifying long-term changes observed by GNSS: comparison with GRACE observations and hydrological models**

Mikocki J., Klos A., Güneş Ö., Lenczuk A., Bogusz J.

EGU General Assembly 2023, Vienna, Austria, 23 - 28 April 2023, pp.1

VI. **Re-defining the Functional Model of the GRACE Total Water Storage Time Series**

Klos A., Güneş Ö., Lenczuk A., Aydın C., Bogusz J.

AGU Fall Meeting, Illinois, United States Of America, 12 - 16 December 2022, pp.1

VII. **Reference Frame of GPS-PPP Solutions in Marmara Region-Turkey**

Güneş Ö., Öz Demir D., Aydın C.

FIG Working Week 2022, Warszawa, Poland, 11 - 15 September 2022, vol.1, no.1, pp.1-11

VIII. **Applying Autoregressive Models to Analysis of GRACE Mascon Time Series**

Güneş Ö., Aydın C.

INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS, Riga, Latvia, 2 - 03 December 2021, pp.1

IX. **GRACE Zaman Serilerinden Elde Edilen Su Kütlesi Değişiminin Analizinde Otoresif Modellerin Kullanımı**

Güneş Ö., Aydın C.

18. Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 26 - 29 May 2021, pp.1

X. **Minimum Detectable Overall Trend Rate in GNSS Time-Series**

Güneş Ö., Uygur S. Ö., Aydın C.

FIG Working Week 2020, Amsterdam, Netherlands, 10 - 14 May 2020, pp.1-4

XI. **Noise Characteristics in GRACE-Mascon Solutions**

Güneş Ö., Aydın C.

International Symposium on Applied Geoinformatics (ISAG2019), İstanbul, Turkey, 7 - 09 November 2019, pp.109

XII. **Reliability of Noise Analysis Using Variance Component Estimation in Geodetic Time Series**

Duman H., Güneş Ö., Aydın C., Şanlı D. U.

INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS, İstanbul, Turkey, 7 - 09 November 2019, vol.1, pp.105

XIII. **Grönland Ve Antarktika'daki Buz Kütelleri Daha Hızlı Mı Eriyor? (2003-2016) GRACE-Mascon Çözümleriyle Bir İrdeleme**

GÜNEŞ Ö., AYDIN C.

Türkiye Ulusal Jeodezi ve Jeofizik Birliği Bilimsel Kongresi, İzmir, Turkey, 30 May 2018, pp.211-214

XIV. **Comparison of GRACE Mascon and DDK Derived Hydrological Trends in Turkey**

GÜNEŞ Ö., AYDIN C.

EGU General Assembly 2018, Viyana, Austria, 08 April 2018, pp.1

Supported Projects

Akyılmaz O., Aydın C., Üstün A., Okay Ahi G., Aksoy H., TUBİTAK Project, Grace ve Çoklu-Görev Uydu Uzaktan Algılama Verileri ile Yüksek Çözünürlüklü Yeraltı Su Bütçesi İzleme Sistemi, 2020 - 2023

Tasks In Event Organizations

Güneş Ö., INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS (ISAG) 2019, Scientific Congress, İstanbul, Turkey, Kasım 2019

Metrics

Publication: 23

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

Scholarships

TÜBİTAK-2214/A YURT DIŞI DOKTORA SIRASI ARAŞTIRMA BURS PROGRAMI, TUBİTAK, 2022 - 2023

Awards

Güneş Ö., Aydın C., En iyi üçüncü sunum-bronz madalya (International Symposium on Applied Geoinformatics), Isag2019, November 2019

Güneş Ö., Yıldız Teknik Üniversitesi Harita Mühendisliği Bölümü 2016 Mezunları Birincilik Ödülü, Yıldız Teknik Üniversitesi, June 2016