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International Researcher IDs

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Education Information

Doctorate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2022 - Continues

Postgraduate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2019 - 2022

Undergraduate, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, Turkey 2014 - 2019

Research Areas

Geotechnical Engineering

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, İnşaat, Geomatik Mühendisliği, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Accuracy assessment of the SRTM2gravity high-resolution topographic gravity model in geoid computation**
Erol B., Çevikalp M. R., Erol S.
Survey Review, vol.55, no.393, pp.546-556, 2023 (SCI-Expanded)
- II. **Geoid modeling with least squares modification of Hotine's integral using gravity disturbances in Turkey**
Işık M. S., Erol B., Çevikalp M. R., Erol S.
EARTH SCIENCE INFORMATICS, vol.15, no.3, pp.1889-1904, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Improvement of GOCE-Based Global Geopotential Models for Gravimetric Geoid Modeling in Turkey**
IŞIK M. S., ÇEVİKALP M. R., EROL B., EROL S.
GEOSCIENCES (Basel), vol.12, 2022 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Investigation on the Geoid-Quasigeoid Separation with the Case Study in Colorado, U.S.**
IŞIK M. S., EROL B., ÇEVİKALP M. R., EROL S.
Scientific Assembly of the International Association of Geodesy (IAG), IAG2021, 28 June 2021
- II. **Assessments on Terrestrial Gravity Data Grid Densification and Its Effects on Local Geoid Modeling Accuracy**
Çevikalp M. R., Erol S., Erol B.
Scientific Assembly of the International Association of Geodesy (IAG), IAG2021, 28 June 2021
- III. **Gravimetric Geoid Modelling Using the Least Squares Modification of Hotine Integral in Turkey**
IŞIK M. S., EROL B., SAKIL F. F., ÇEVİKALP M. R., EROL S.
Scientific Assembly of the International Association of Geodesy (IAG), IAG2021, 28 June 2021
- IV. **Geodetic Investigation of the 30 October 2020 Mw 6.9 Samos-Izmir Earthquake**
MUTLU B., EROL S., ÇEVİKALP M. R., EROL B.
EGU General Assembly 2021, 19 - 30 April 2021
- V. **Static and Pseudo-Kinematic PPP-AR Performance in Antarctic Region**
EROL S., MUTLU B., EROL B., ÇEVİKALP M. R.
EGU General Assembly 2021, 19 - 30 April 2021
- VI. **Accuracy Assessment of Recent High-Degree Global Geopotential Models Using Geodetic Control Points and Terrestrial Gravity Data in Turkey**
ÇEVİKALP M. R., EROL B., MUTLU B., EROL S.
EGU General Assembly 2021, 19 - 30 April 2021
- VII. **Assessments on Temporal Variations of Earth Gravity Field with Grace Observations**
Mutlu B., Çevikalp M. R., Erol B.
XXIX INTERNATIONAL SYMPOSIUM ON MODERN TECHNOLOGIES, EDUCATION AND PROFESSIONAL PRACTICE IN GEODESY AND RELATED FIELDS, İstanbul, Turkey, 5 - 06 November 2019, pp.351-363

Metrics

Publication: 12

Citation (Scopus): 2

H-Index (Scopus): 1