

Res. Asst. RAŞİT ULUĞ

Personal Information

Email: rulug@metu.edu.tr

Web: <https://avesis.metu.edu.tr/rulug>

International Researcher IDs

ScholarID: H-9JYWUAAAAJ

ORCID: 0000-0002-2671-228X

Publons / Web Of Science ResearcherID: GQB-4462-2022

ScopusID: 57479946900

Yoksis Researcher ID: 214262

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Jeodezi ve Coğrafi Bilgi Teknolojileri Anabilim Dalı, Turkey 2017 - Continues

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Geomatics Engineering, Turkey 2015 - 2017

Undergraduate, Selcuk University, Faculty Of Engineering, Department Of Topographical Engineering, Turkey 2009 - 2015

Research Areas

Geotechnical Engineering

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Graduate School of Natural and Applied Sciences, Graduate School of Natural and Applied Sciences, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A new data-adaptive network design methodology based on the k-means clustering and modified ISODATA algorithm for regional gravity field modeling via spherical radial basis functions**
ULUĞ R., KARSLIOĞLU M. O.
Journal of Geodesy, vol.96, no.11, 2022 (SCI-Expanded)
- II. **SRBF_Soft: a Python-based open-source software for regional gravity field modeling using spherical radial basis functions based on the data-adaptive network design methodology**
ULUĞ R., KARSLIOĞLU M. O.
EARTH SCIENCE INFORMATICS, vol.15, no.2, pp.1341-1353, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **İnsanız Hava Aracı (İHA) Görüntüleri ile Ortogörüntü Üretiminde Yükseklik ve Kamera Açısının**

Books & Book Chapters

- I. **The Prediction of Nonlinear Polar Motion Based on Artificial Neural Network (ANN) and Fuzzy Inference System (FIS)**

KUÇAK R. A., ULUĞ R., AKYILMAZ O.

in: Advances in Nonlinear Geosciences, Anastasios A. Tsonis, Editor, Springer International Publishing, pp.297-304, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Modernizing and Upgrading the Astrogeodetic Camera System for Determining Vertical Deflections**
ALBAYRAK M., Halicioğlu K., Basoğlu B., ULUĞ R., ÖZLÜDEMİR M. T., Deniz R.
2017 AGU Fall Meeting, New Orleans, United States Of America, 11 - 15 December 2017
- II. **A Study on Accessibility and Optimum Positioning of Recycling Containers: Üsküdar Case**
KUÇAK R. A., Ünsal Ö., ÇELİK B., ÖZDEMİR E., ULUĞ R.
MESAEP Mediterranean Scientific Association of Environmental Protection, Roma, Italy, 4 - 06 October 2017
- III. **The integration of astro-geodetic data observed with ACSYS to the local geoid models Istanbul-Turkey**
HALICIOĞLU K., ÖZLÜDEMİR M. T., DENİZ R., ÖZENER H., ALBAYRAK M., ULUĞ R., BAŞOĞLU B.
EGU 2017, 23 - 28 April 2017
- IV. **İstanbul Astro-jeodezik Test Ağında Sayısal Zenit Kamera Sistemi Gözlemleri**
HALICIOĞLU K., ÖZLÜDEMİR M. T., DENİZ R., ÖZENER H., ALBAYRAK M., ULUĞ R., BAŞOĞLU B.
16. Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 3 - 06 May 2017
- V. **Calibration and Testing of Digital Zenith Camera System Components**
ULUĞ R., HALICIOĞLU K., ÖZLÜDEMİR M. T., ALBAYRAK M., BAŞOĞLU B., DENİZ R.
EGU General Assembly 2017, Viyana, Austria, 23 - 28 April 2017
- VI. **The Investigation on the Use of Different Centroiding Algorithms and Star Catalogs in Astro-Geodetic Observations**
BAŞOĞLU B., HALICIOĞLU K., ALBAYRAK M., ULUĞ R., ÖZLÜDEMİR M. T., DENİZ R.
EGU General Assembly 2017, Viyana, Austria, 23 - 28 April 2017
- VII. **Calibration and Testing of Digital Zenith Camera System Components**
ULUĞ R., Halicioğlu K., ÖZLÜDEMİR M. T., ALBAYRAK M., Deniz R.
EGU General Assembly 2017, Viyana, Austria, 23 - 28 April 2017
- VIII. **The integration of astro-geodetic data observed with ACSYS to the local geoid models Istanbul-Turkey**
HALICIOĞLU K., ÖZLÜDEMİR M. T., DENİZ R., ÖZENER H., ALBAYRAK M., ULUĞ R., BAŞOĞLU B.
EGU General Assembly 2017, Viyana, Austria, 23 - 28 April 2017
- IX. **The Prediction of Nonlinear Polar Motion based on Artificial Neural Network (ANN) and Fuzzy Inference System (FIS)**
Kucak R. A., ULUĞ R., AKYILMAZ O.
30 Years of Nonlinear Dynamics in Geosciences Conference, Rodos, Greece, 3 July - 08 April 2016

