

# **Res. Asst. RAŞİT ULUĞ**

## **Personal Information**

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## **International Researcher IDs**

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ScopusID: 57479946900

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## **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**

## **Doğruluğa Etkisinin Araştırılması**

ÖZTÜRK O., BİLGİLİOĞLU B. B., ÇELİK M. F., BİLGİLİOĞLU S. S., ULUĞ R.

Geomatik Dergisi, vol.2, no.3, pp.135-142, 2017 (Peer-Reviewed Journal)

## **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., Basoglu 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**  
HALİCİOĞLU 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**  
HALİCİOĞLU 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., HALİCİOĞLU 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., HALİCİOĞLU 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., Halıcıoğlu 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**  
HALİCİOĞLU 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

Publication: 13