

## Res. Asst. ANİSYA B. TEKKELİ

### Personal Information

Office Phone: [+90 212 473 7070](tel:+902124737070) Extension: 43615

Email: [anisya@iuc.edu.tr](mailto:anisya@iuc.edu.tr)

Web: <http://avesis.istanbulc.edu.tr/anisya/>

### Education Information

Doctorate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, Turkey 2007 - 2013

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Genetik ve Parçacık Sürüsü Algoritmaları ile Gravite Anomalilerinin Modellenmesi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, 2013

Postgraduate, İstanbul Boğazı ve Prens Adaları arasında toplanan sismik ve mikrobatimetrik verilerin yorumu, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Jeofizik Mühendisliği, 2007

### Research Areas

Geophysical Engineering, Applied Geophysics, Geological Engineering, Applied Geology, Environmental Geology and Geophysics, Engineering and Technology

### Academic Titles / Tasks

Research Assistant PhD, İstanbul Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği, 2009 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Application of particle swarm optimization to 3D Euler deconvolution and 3D modeling of gravity data-a case study from Biga and can towns, NW Turkey**  
TARHAN BAL O., B. TEKKELİ A., KARCIOĞLU G.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.8, 2021 (Journal Indexed in SCI)
- II. **A different method for interpretation of magnetic anomalies due to 2-D dipping dikes**  
Kara I., Bal O., Tekkeli A. B. , Karcioğlu G.  
ACTA GEOPHYSICA, vol.65, no.1, pp.237-242, 2017 (Journal Indexed in SCI)
- III. **Description of dynamics of the Tuzla Landslide and its implications for further landslides in the northern slope and shelf of the Cinarcik Basin (Marmara Sea, Turkey)**  
GÖKÇEOĞLU C., TUNUSLUOĞLU M. C. , Gorum T., Tur H., Gokasan E., Tekkeli A. B. , Batuk F., Alp H.

## Books & Book Chapters

- I. **İstanbul Üniversitesi'nde Jeofizik Bölümünde Çalışmış Kişiler**  
B. TEKKELİ A., KARCIOĞLU G., ÖZÇEP F.  
in: 90 Yılı Ardından İstanbul Üniversitesi'nde Jeofiziğin Serüveni, F. Özcep, Z.M. Hisarlı, Editor, Literatür Yayıncılık, İstanbul, 2017

## Refereed Congress / Symposium Publications in Proceedings

- I. **Inversion of VLF Data Using a Non-Linear Smoothing Operator**  
Üge M. A. , Karcioğlu G., B. Tekkeli A., Arslan M. S.  
NSG2021 27th European Meeting of Environmental and Engineering Geophysics, Bordeaux, France, 29 August - 02 September 2021, vol.2021, no.2021, pp.1-5
- II. **Smooth 3D Modeling of Gravity Data Using Particle Swarm Optimization**  
KARCIOĞLU G., B. TEKKELİ A., TARHAN BAL O.  
New Trends in Geophysics and Engineering 2018, İstanbul, Turkey, 7 - 09 November 2018, pp.1-4
- III. **Biga-Çan Gravity Data, Comparison of 3d Euler Deconvolution and 3d Modeling Results**  
KARCIOĞLU G., TARHAN BAL O., B. TEKKELİ A.  
New Trends in Geophysics and Engineering 2018, İstanbul, Turkey, 7 - 09 November 2018, pp.1-4
- IV. **Moeling of Gravity Data Using Particle Swarm Optimization**  
B.TEKKELİ A., TARHAN BAL O.  
Society of Exploration Geophysicists-Istanbul 2012 - International Geophysical Conference and Oil & Gas Exhibition, Turkey, 1 - 04 September 2012, pp.1-4
- V. **Investigation of Amasya Oluz-Höyük Archeological Field Using Image Processing Techniques**  
TARHAN BAL O., B.TEKKELİ A.  
Society of Exploration Geophysicists-Istanbul 2012 - International Geophysical Conference and Oil & Gas Exhibition, Turkey, 1 - 04 September 2012, pp.1-4
- VI. **Interpretation of seismic and micro-bathymetric data gathered from Prince Islands and surrounded area**  
TUR H., B.TEKKELİ A., ALP H.  
The 18th International Geophysical Congress and Exhibition of Turkey,, Ankara, Turkey, 14 - 17 October 2008

## Supported Projects

TARHAN BAL O., B. TEKKELİ A., KARCIOĞLU G., Project Supported by Higher Education Institutions, Biga-Çan İlçeleri (Çanakale) Dolaylarının Tektonik Yapısının Araştırılması, 2015 - 2016

## Citations

Total Citations (WOS):16

h-index (WOS):2