

## **Asst. Prof. Deniz ÖZ DEMİR**

### **Personal Information**

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### **International Researcher IDs**

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Publons / Web Of Science ResearcherID: IAO-0738-2023

ScopusID: 55959594100

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### **Education Information**

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Harita Mühendisliği, Turkey

2010 - 2016

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Harita Mühendisliği, Turkey

2007 - 2010

Undergraduate Double Major, Yildiz Technical University, Faculty Of Civil Engineering, İnşaat Mühendisliği, Turkey 2005 -

2010

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Jeodezi Ve Fotogrametri Mühendisliği, Turkey

2003 - 2007

### **Research Areas**

Geotechnical Engineering, Engineering and Technology

### **Academic Titles / Tasks**

Assistant Professor, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2018 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2017 - 2018

Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2016 - 2017

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2008 - 2016

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **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)
- II. **Investigation of GPS positioning accuracy during the seasonal variation**  
DOĞAN U., ULUDAG M., Demir D.  
MEASUREMENT, vol.53, pp.91-100, 2014 (SCI-Expanded)
- III. **Postseismic deformation following the Mw 7.2, 23 October 2011 Van earthquake (Turkey): Evidence for aseismic fault reactivation**  
Doğan U., Demir D., Cakır Z., Ergintav S., Ozener H., Akoglu A. M., Nalbant S. S., Reilinger R.

- GEOPHYSICAL RESEARCH LETTERS, vol.41, pp.2334-2341, 2014 (SCI-Expanded)
- IV. **Determination of crustal deformations based on GPS observing-session duration in Marmara region, Turkey**  
Demir D., DOĞAN U.  
ADVANCES IN SPACE RESEARCH, vol.53, no.3, pp.452-462, 2014 (SCI-Expanded)
- V. **Establishment of a gravity calibration baseline with the constrain of absolute gravity measurements after 17 August 1999 Izmit earthquake in Marmara region, Turkey**  
DOĞAN U., Ergintav S., ARSLAN G., Demir D., KARABOCE B., BILGIC E., SADIKOGLU E., DIRENC A.  
ACTA GEODAETICA ET GEOPHYSICA, vol.48, no.4, pp.377-388, 2013 (SCI-Expanded)
- VI. **Kinematics of landslide estimated by repeated GPS measurements in the Avcilar region of Istanbul, Turkey**  
Doğan U., Oz D., Ergintav S.  
STUDIA GEOPHYSICA ET GEODAETICA, vol.57, pp.217-232, 2013 (SCI-Expanded)
- VII. **Monitoring of the ionosphere TEC variations during the 17th August 1999 Izmit earthquake using GPS data**  
DOĞAN U., ERGINTAV S., Skone S., ARSLAN N., Oz D.  
EARTH PLANETS AND SPACE, vol.63, no.12, pp.1183-1192, 2011 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Investigation of the effect of satellite combinations on velocity estimation by using Trimble RTX service**  
Oz Demir D.  
Jeodezi ve jeoinformasyon dergisi (Online), vol.11, no.1, pp.68-79, 2024 (Peer-Reviewed Journal)
- II. **GNSS Gözlem Süresine Bağlı Deformasyon Parametrelerinin Kestirimi**  
kaya f., ÖZDEMİR A., ÖZ DEMİR D., DOĞAN U.  
Geomatik, pp.227-238, 2019 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Accuracy of velocities from annually repeated GPS campaigns**  
ŞANLI D. U., Uysal E., ÖZ DEMİR D., DUMAN H.  
EGU2022, Viyana, Austria, 24 May 2022
- II. **Continuing Postseismic Deformation of the Mw 7.1, October 23, 2011 Van (Turkey) Earthquake from GPS and InSAR Observations: Evidence for Complex Faulting on the Turkish-Iranian Plateau**  
Akoğlu A., Çakır Z., Jónsson S., Ergintav S., DOĞAN U., ÖZ DEMİR D., ÇETİN S.  
EGU-European Geosciences Union, Viyana, Austria, 08 April 2018, pp.1
- III. **23 October 2011 (Mw=7.2) Van Earthquake (Turkey): Revised Coseismic and Postseismic Models from New GPS Observations**  
DOĞAN U., ÖZ DEMİR D., Çakır Z., Ergintav S., ÇETİN S., ÖZDEMİR A., Reilinger R.  
AGU-American Geophysical Union, New Orleans, United States Of America, 11 December 2017, pp.1
- IV. **Accuracy Assessment for PPP by Comparing Various Online PPP Service Solutions with Bernese 5.2 Network Solution**  
Uygur S. Ö., Aydın C., Öz Demir D., Çetin S., Doğan U.  
European Geosciences Union (EGU) General Assembly, Vienna, Austria, 23 April 2016, pp.1
- V. **Co-seismic and Post-seismic Models of the 23 October 2011 (Mw=7.2) Van Earthquake (Turkey) from GPS Measurements.**  
ÖZ DEMİR D., DOĞAN U., Çakır Z., Ergintav S., ÇETİN S., ÖZDEMİR A., Özener H., Reilinger R.  
European Geosciences Union (EGU) General Assembly, Viyana, Austria, 23 April 2016

- VI. **Surface Creep Along the 1999 Izmit Earthquake's Rupture (Turkey) from InSAR, GPS and Terrestrial LIDAR**  
Aslan G., Doğan U., Kaya Ş., Ergintav S., ÖZ DEMİR D., Çelik M. F.  
AGU Fall Meeting, 01 December 2015
- VII. **Geodetic constraints on postseismic deformation following the Mw 7.2 October 23, 2011 Van earthquake (E.Turkey)**  
ÖZ DEMİR D., Çakır Z., Ergintav S., Özdemir A., Koşma R., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, 01 December 2014
- VIII. **Estimation of post-seismic deformations 23 October 2011 Van earthquake (Mw=7.2), Turkey under geodetic constrains**  
ÖZ DEMİR D., Doğan U., Çakır Z., Ergintav S., Özener H., Akoğlu A., Nalbant S., Reilinger R.  
9th Alexander von Humboldt International Conference, 01 March 2014
- IX. **Shallow afterslip following the Mw 7.2 October 23, 2011 Van earthquake (Turkey) deduced from GPS observations**  
ÖZ DEMİR D., Çakır Z., Ergintav S., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, 01 December 2013
- X. **23 Ekim 2013 Van Depreminin Deprem Sonrası Deformasyonlarının GPS Ölçüleriyle Kestirimi**  
ÖZ DEMİR D., Doğan U., Çakır Z., Ergintav S., Özener H., Reilinger R.  
ATAG 17, 01 October 2013
- XI. **Early postseismic motion after the Mw 7 2 October 23 2011 Van Earthquake in Turkey Observed by GPS measurements**  
ÖZ DEMİR D., DOĞAN U., ÇAKIR Z., ERGİNTAV S., ÖZENER H., REILINGER R.  
EGU General Assembly, 7 - 12 April 2013
- XII. **Coseismic and postseismic surface deformations of the Mw 7.2, October 23, 2011 Van Earthquake (Turkey) from GPS measurements**  
Çakır Z., Ergintav S., ÖZ DEMİR D., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, 01 December 2012
- XIII. **23 Ekim 2011 Van Depremi (Mw=7.2) ve Sonrasında Oluşan Yüzey Deformasyonlarının GPS Gözlemleriyle Ortaya Çıkartılması**  
Çakır Z., Ergintav S., ÖZ DEMİR D., Özener H., Reilinger R.  
ATAG 16, 01 October 2012
- XIV. **The postseismic deformation of the October 23, 2011, Mw 7.2 Van (Turkey) earthquake from GPS and InSAR**  
Doğan U., Çakır Z., Ergintav S., Reilinger R., Çakmak R., Turgut B., Akoğlu A., Floyd M., ÖZ DEMİR D.  
EGU General Assembly, 01 April 2012
- XV. **Identifying the attributes of the temporal crustal deformations as a results of the first order models in Marmara Region Turkey by repeated gravity and GPS observations 2006 2011**  
DOĞAN U., ERGİNTAV S., KARABÖCE B., ARSLAN G., ÖZ DEMİR D., SELENDİ A., ÇAKMAK R., SADIKOĞLU E., TÜRKEZER A., DİRENÇ A.  
Fall AGU Meeting, 5 - 09 December 2011
- XVI. **Long term Crustal Deformations Based on Gravity and GPS Measurements 2006 2010 in Marmara Region Turkey**  
DOĞAN U., ERGİNTAV S., KARABÖCE B., ARSLAN G., SELENDİ A., ÖZ DEMİR D., AYDIN C., İLGAR A., ÇAKMAK R., BELGEN A., et al.  
European Geosciences Union General Assembly, 4 - 08 April 2011
- XVII. **Monitoring of Landslide Deformation with GPS and Kalman Filter in Avcilar District of Istanbul Turkey**  
ÖZ DEMİR D., DOĞAN U., ERGİNTAV S., BELGEN A.  
European Geosciences Union General Assembly, 4 - 08 April 2011, pp.2364
- XVIII. **The Establishment of a Gravity Calibration Baseline in the Marmara Region Turkey**  
DOĞAN U., ERGİNTAV S., KARABÖCE B., ARSLAN G., AYDIN C., SADIKOĞLU E., ÖZ DEMİR D., SELENDİ A., TÜRKEZER

A., LENK O.

15th General Assembly of WEGENER Meeting, 14 - 17 September 2010, pp.95

**XIX. Relation Between Sensitivity and Observing Session Duration in GPS Monitoring Networks**

AYDIN C., DOĞAN U., ÖZ DEMİR D.

15th General Assembly of WEGENER Meeting, 14 - 17 September 2010, pp.92

**XX. Present day Vertical Crustal Deformations in the Marmara Region Turkey from Repeated Absolute Gravity and GPS Observations**

DOĞAN U., ERGİNTAV S., KARABÖCE B., ARSLAN G., AYDIN C., SADIKOĞLU E., ÖZ DEMİR D., ÇAKMAK R., SELENDİ A., TÜRKEZER A., et al.

15th General Assembly of WEGENER Meeting, 14 - 17 September 2010, pp.74

**XXI. Monitoring of Crustal Deformations from 2003 to 2009 in Marmara Region Turkey Preliminary Results from Absolute Gravity and GPS Observations**

DOĞAN U., ERGİNTAV S., ARSLAN G., KARABÖCE B., GERSTENECKER C., ÖZ DEMİR D., ÇOLAK B., İLGAR A., AYDIN C., DEMİREL H., et al.

Fall AGU Meeting, 14 - 18 December 2009

## **Metrics**

Publication: 35

Citation (WoS): 55

Citation (Scopus): 93

H-Index (WoS): 4

H-Index (Scopus): 4