

## Asst. Prof. Deniz ÖZ DEMİR

### Personal Information

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### International Researcher IDs

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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. **Investigating the results of relative GNSS services with the July 29, 2021 Mw 8.2 Chignik, Alaska Peninsula earthquake**  
Öz Demir D., Güneş Ö.  
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, pp.1, 2024 (Peer-Reviewed Journal)
- III. **GNSS Gözlem Süresine Bağlı Deformasyon Parametrelerinin Kestirimi**  
kaya f., ÖZDEMİR A., ÖZ DEMİR D., DOĞAN U.  
Geomatik, pp.227-238, 2019 (Peer-Reviewed Journal)

## Papers Published in Refereed Scientific Meetings

- I. **Reference Frame of GPS-PPP Solutions in Marmara Region-Turkey**  
Güneş Ö., Öz Demir D., Aydın C.  
FIG Working Week 2022, Warszawa, Poland, 11 - 15 September 2022, vol.1, no.1, pp.1-11
- II. **Accuracy of velocities from annually repeated GPS campaigns**  
ŞANLI D. U., Uysal E., ÖZ DEMİR D., DUMAN H.  
EGU2022, Viyana, Austria, 24 May 2022
- III. **23 Ekim 2011 Van Depremi'nden Günümüze Jeodezik Çalışmalar**  
Öz Demir D., Doğan U., Çakır Z., Ergintav S., Özdemir A., Çeliker D.  
ATAG24, İstanbul, Turkey, 16 - 18 November 2021, pp.1
- IV. **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 Demir D., Çetin S.  
EGU-European Geosciences Union, Vienna, Austria, 08 April 2018, pp.1
- V. **23 October 2011 (Mw=7.2) Van Earthquake (Turkey): Revised Coseismic and Postseismic Models from New GPS Observations**

Doğan U., Öz Demir D., Çakır Z., Ergintav S., Çetin S., Özdemir A., Reilinger R.

AGU-American Geophysical Union, Louisiana, United States Of America, 11 December 2017, pp.1

- VI. **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
- VII. **Co-seismic and Post-seismic Models of the 23 October 2011 (Mw=7.2) Van Earthquake (Turkey) from GPS Measurements.**  
Öz Demir D., Doğan U., Çakır Z., Ergintav S., Çetin S., Özdemir A., Özener H., Reilinger R.  
European Geosciences Union (EGU) General Assembly, Vienna, Austria, 23 April 2016
- VIII. **Surface Creep Along the 1999 Izmit Earthquake's Rupture (Turkey) from InSAR, GPS and Terrestrial LIDAR**  
Çakır Z., Aslan G., Doğan U., Kaya Ş., Ergintav S., Öz Demir D., Çelik M. F.  
AGU Fall Meeting, California, United States Of America, 14 - 18 December 2015, pp.1
- IX. **Geodetic constraints on postseismic deformation following the Mw 7.2 October 23, 2011 Van earthquake (E.Turkey)**  
Doğan U., Öz Demir D., Çakır Z., Ergintav S., Özdemir A., Koşma R., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, California, United States Of America, 15 - 19 December 2014, pp.1
- X. **Estimation of post-seismic deformations 23 October 2011 Van earthquake (Mw=7.2), Turkey under geodetic constrains**  
Öz Demir D., Doğan U., Çakır Z., Ergintav S., Özener H., Akoğlu A., Nalbant S., Reilinger R.  
9th Alexander von Humboldt International Conference, İstanbul, Turkey, 24 - 28 March 2014, pp.1
- XI. **Shallow afterslip following the Mw 7.2 October 23, 2011 Van earthquake (Turkey) deduced from GPS observations**  
Doğan U., Öz Demir D., Çakır Z., Ergintav S., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, California, United States Of America, 9 - 13 December 2013, pp.1
- XII. **23 Ekim 2013 Van Depremi Sonrasında Oluşan Deformasyonların GPS Ölçüleriyle Belirlenmesi**  
Öz Demir D., Doğan U., Çakır Z., Ergintav S., Özener H., Reilinger R.  
ATAG 17, Antalya, Turkey, 24 - 25 October 2013, pp.1
- XIII. **Early postseismic deformation after the Mw 7 2 October 23 2011 Van Earthquake (Turkey) Observed by GPS measurements**  
Öz Demir D., Doğan U., Çakır Z., Ergintav S., Özener H., Reilinger R.  
EGU General Assembly, Vienna, Austria, 7 - 12 April 2013
- XIV. **Coseismic and postseismic surface deformations of the Mw 7.2, October 23, 2011 Van Earthquake (Turkey) from GPS measurements**  
Doğan U., Çakır Z., Ergintav S., Öz Demir D., Özener H., Reilinger R.  
Fall AGU Meeting San Francisco, California, United States Of America, 3 - 07 December 2012, pp.1
- XV. **23 Ekim 2011 Van Depremi (Mw=7.2) ve Sonrasında Oluşan Yüzey Deformasyonlarının GPS Gözlemleriyle Ortaya Çıkartılması**  
Doğan U., Çakır Z., Ergintav S., Öz Demir D., Özener H., Reilinger R.  
ATAG 16, İstanbul, Turkey, 18 - 19 October 2012, pp.1
- XVI. **The postseismic deformation of the October 23, 2011, Mw 7.2 Van (Turkey) earthquake from GPS and InSAR**  
Özener H., Doğan U., Çakır Z., Ergintav S., Reilinger R., Çakmak R., Turgut B., Akoğlu A., Floyd M., Öz Demir D.  
EGU General Assembly, Vienna, Austria, 22 - 27 April 2012, pp.1
- XVII. **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., Ergintav S., Karaböce B., Arslan G., Öz Demir D., Selendi A., Çakmak R., Sadıkoğlu E., Türkezer A., Direnç A.  
Fall AGU Meeting, California, United States Of America, 5 - 09 December 2011
- XVIII. **Long term Crustal Deformations Based on Gravity and GPS Measurements 2006 2010 in Marmara Region Turkey**

Doğan U., Ergintav S., Karaböce B., Arslan G., Selendi A., Öz Demir D., Aydın C., İlgar A., Çakmak R., Belgen A., et al.  
European Geosciences Union General Assembly, Vienna, Austria, 4 - 08 April 2011

**XIX. Monitoring of Landslide Deformation with GPS and Kalman Filter in Avcilar District of Istanbul Turkey**

Öz Demir D., Doğan U., Ergintav S., Belgen A.

European Geosciences Union General Assembly, Vienna, Austria, 4 - 08 April 2011, pp.1

**XX. The Establishment of a Gravity Calibration Baseline in the Marmara Region Turkey**

Doğan U., Ergintav S., Karaböce B., Arslan G., Aydın C., Sadıkoğlu E., Öz Demir D., Selendi A., Türkezzer A., Lenk O.

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

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

Aydın C., Doğan U., Öz Demir D.

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

**XXII. 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

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

Doğan U., Ergintav S., Arslan G., Karaböce B., Gerstenecker C., Öz Demir D., Çolak B., İlgar A., Aydın C., Demirel H., et al.

Fall AGU Meeting, California, United States Of America, 14 - 18 December 2009

## **Metrics**

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