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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. **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

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