

## Assoc. Prof. Tolga Görüm

### Personal Information

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### Education Information

Doctorate, Universiteit Twente, Faculty Of Geo-Information Science And Earth Observation (Itc), Earth System Analysis, Netherlands 2008 - 2013

Post Graduate, İstanbul Üniversitesi, Sosyal Bilimler Enstitüsü, Coğrafya / Fiziki Coğrafya, Turkey 2003 - 2006

Under Graduate, İstanbul Üniversitesi, Edebiyat Fakültesi, Coğrafya Bölümü, Turkey 1999 - 2003

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Towards a Better Understanding of Earthquake Triggered Landslides: An Analysis of the Size, Distribution Pattern and Characteristics of Coseismic Landslides in Different Tectonic and Geomorphic Environments, Universiteit Twente, Faculty Of Geo-Information Science And Earth Observation (Itc), Earth System Analysis, 2013

Post Graduate, Coğrafi Bilgi Sistemi ve İstatistiksel Yöntemler Kullanılarak Heyelan Duyarlılık Analizi: Melen Boğazı ve Yakın Çevresi, İstanbul Üniversitesi, Sosyal Bilimler Enstitüsü, Coğrafya / Fiziki Coğrafya, 2006

### Research Areas

Technical Sciences, Geological Engineering, General Geology, Surficial Geology (geomorphology, quaternary geology, soils)

### Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Avrasya Yer Bilimleri Enstitüsü, Katı Yer Bilimleri, 2019 - Continues

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

- **Mapping of shallow landslides with object-based image analysis from unmanned aerial vehicle data**  
Çömert R., Avdan U., Görüm T., Nefeslioglu H. A.  
ENGINEERING GEOLOGY, vol.260, 2019 (Journal Indexed in SCI)
- **Landslide recognition and mapping in a mixed forest environment from airborne LiDAR data**  
Görüm T.

- ENGINEERING GEOLOGY, vol.258, 2019 (Journal Indexed in SCI)  
**Tectonic, topographic and rock-type influences on large landslides at the northern margin of the Anatolian Plateau**  
 Görüm T.
- LANDSLIDES, vol.16, pp.333-346, 2019 (Journal Indexed in SCI)  
**Presentation and Analysis of a Worldwide Database of Earthquake-Induced Landslide Inventories**  
 TANYAŞ H., van Westen C. J., Allstadt K. E., Jessee M. A. N., Görüm T., Jibson R. W., Godt J. W., Sato H. P., Schmitt R. G., MARC O., et al.
- JOURNAL OF GEOPHYSICAL RESEARCH-EARTH SURFACE, vol.122, pp.1991-2015, 2017 (Journal Indexed in SCI)  
**Geomorphology of the Mount Akdag landslide, Western Taurus range (SW Turkey)**  
 Görüm T., BAYRAKDAR C., Avdan U., Comert R.
- JOURNAL OF MAPS, vol.13, pp.165-172, 2017 (Journal Indexed in SCI)  
**DInSAR-Based Detection of Land Subsidence and Correlation with Groundwater Depletion in Konya Plain, Turkey**  
 CALÓ F., NOTTÍ D., Galve J. P., Abdikan S., Görüm T., PEPE A., Sanli F. B.
- REMOTE SENSING, vol.9, 2017 (Journal Indexed in SCI)  
**A seismologically consistent expression for the total area and volume of earthquake-triggered landsliding**  
 MARC O., HOVIUS N., Meunier P., Gorum T., UCHIDA T.
- JOURNAL OF GEOPHYSICAL RESEARCH-EARTH SURFACE, vol.121, pp.640-663, 2016 (Journal Indexed in SCI)  
**The Space-Borne SBAS-DInSAR Technique as a Supporting Tool for Sustainable Urban Policies: The Case of Istanbul Megacity, Turkey**  
 CALO F., Abdikan S., Görüm T., Pepe A., KILIÇ H., Sanli F. B.
- REMOTE SENSING, vol.7, pp.16519-16536, 2015 (Journal Indexed in SCI)  
**Control of style-of-faulting on spatial pattern of earthquake-triggered landslides**  
 Gorum T., Carranza E. J. M.
- INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.12, pp.3189-3212, 2015 (Journal Indexed in SCI)  
**Empirical prediction of coseismic landslide dam formation**  
 Fan X., Rossiter D. G., van Westen C. J., Xu Q., Gorum T.
- EARTH SURFACE PROCESSES AND LANDFORMS, vol.39, pp.1913-1926, 2014 (Journal Indexed in SCI)  
**Why so few? Landslides triggered by the 2002 Denali earthquake, Alaska**  
 Gorum T., Korup O., van Westen C. J., van der Meijde M., Xu C., van der Meer F. D.
- QUATERNARY SCIENCE REVIEWS, vol.95, pp.80-94, 2014 (Journal Indexed in SCI)  
**Transient water and sediment storage of the decaying landslide dams induced by the 2008 Wenchuan earthquake, China**  
 FAN X., van Westen C. J., Korup O., Gorum T., XU Q., Dai F., HUANG R., Wang G.
- GEOMORPHOLOGY, vol.171, pp.58-68, 2012 (Journal Indexed in SCI)  
**Analysis of landslide dams induced by the 2008 Wenchuan earthquake**  
 FAN X., van Westen C. J., XU Q., Gorum T., DAÍ F.
- JOURNAL OF ASIAN EARTH SCIENCES, vol.57, pp.25-37, 2012 (Journal Indexed in SCI)  
**Morpho-tectonic evolution of the Canakkale Basin (NW Anatolia): evidence for a recent tectonic inversion from transpression to transtension**  
 Gokasan E., Gorum T., TUR H., Batuk F.
- GEO-MARINE LETTERS, vol.32, pp.227-239, 2012 (Journal Indexed in SCI)  
**Without power? Landslide inventories in the face of climate change**  
 KORUP O., Gorum T., Hayakawa Y.
- EARTH SURFACE PROCESSES AND LANDFORMS, vol.37, pp.92-99, 2012 (Journal Indexed in SCI)  
**Medium-scale hazard mapping for shallow landslide initiation: the Buyukkoy catchment area (Cayeli, Rize, Turkey)**  
 Nefeslioglu H. A., GÖKÇEÖĞLU C., SÖNMEZ H., Gorum T.

● LANDSLIDES, vol.8, pp.459-483, 2011 (Journal Indexed in SCI)

● **Landform effect on rockfall and hazard mapping in Cappadocia (Turkey)**

Zorlu K, TUNUSLUOĞLU M. C. , Gorum T, Nefeslioglu H. A. , Yalcin A, TÜRER D., GÖKÇEOĞLU C.

● ENVIRONMENTAL EARTH SCIENCES, vol.62, pp.1685-1693, 2011 (Journal Indexed in SCI)

● **Late Quaternary evolution of the Canakkale Strait region (Dardanelles, NW Turkey): implications of a major erosional event for the postglacial Mediterranean-Marmara Sea connection**

Gokasan E, Tur H, Ergin M, Gorum T, Batuk F. G. , SAĞCI N, USTAÖMER T, Emem O, Alp H.

● GEO-MARINE LETTERS, vol.30, pp.113-131, 2010 (Journal Indexed in SCI)

● **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.

● ENGINEERING GEOLOGY, vol.106, pp.133-153, 2009 (Journal Indexed in SCI)

● **Implementation of reconstructed geomorphologic units in landslide susceptibility mapping: the Melen Gorge (NW Turkey)**

Gorum T, GÖNENÇGİL B., GÖKÇEOĞLU C., Nefeslioglu H. A.

● NATURAL HAZARDS, vol.46, pp.323-351, 2008 (Journal Indexed in SCI)

● **Faulting, mass-wasting and deposition in an active dextral shear zone, the Gulf of Saros and the NE Aegean Sea, NW Turkey**

USTAÖMER T., Gokasan E., Tur H., Gorum T., Batuk F. G. , Kalafat D., ALP H., Ecevitoglu B., Birkan H.

● GEO-MARINE LETTERS, vol.28, pp.171-193, 2008 (Journal Indexed in SCI)

● **Factors controlling the morphological evolution of the Canakkale Strait (Dardanelles, Turkey)**

Gokasan E., Ergin M., Ozyalvac M., SUR H. I. , Tur H., Gorum T., Ustaomer T., Batuk F. G. , Alp H., Birkan H., et al.

● GEO-MARINE LETTERS, vol.28, pp.107-129, 2008 (Journal Indexed in SCI)

● **Quaternary evolution of the Gulf of Izmit (NW Turkey): a sedimentary basin under control of the North Anatolian Fault Zone**

Dolu E., Gokasan E., Meric E., Ergin M., Gorum T., Tur H., Ecevitoglu B., Avsar N., Gormus M., Batuk F., et al.

● GEO-MARINE LETTERS, vol.27, pp.355-381, 2007 (Journal Indexed in SCI)

● **Evidence and. implications of massive erosion along the Strait of Istanbul (Bosphorus)**

Gokasan E., TUR H., Ecevitoglu B., Gorum T., TÜRKER A., Tok B., Caglak F., Birkan H., Simsek M.

● GEO-MARINE LETTERS, vol.25, pp.324-342, 2005 (Journal Indexed in SCI)

## Articles Published in Other Journals

● **Heyelan tetikleyici faktörlerine bağlı mekânsal hassasiyet değerlendirmesi**

CİHANGİR M. E. , Görüm T., NEFESLİOĞLU H. A.

● TÜRK COĞRAFYA DERGİSİ, pp.133-142, 2018 (National Refereed University Journal)

● **23 Ekim 2011 Van Depreminin Tetiklediği Heyelanlar**

GÖRÜM T.

● TÜRK COĞRAFYA DERGİSİ, vol.0, pp.29-36, 2016 (Other Refereed National Journals)

● **Kelkit Vadisinin Aşağı Çığrında Gelişmiş Heyelanların Dağılım Deseni ve Oluşumlarını Kontrol Eden Faktörler**

CİHANGİR M. E. , GÖRÜM T.

● TÜRK COĞRAFYA DERGİSİ, vol.0, pp.19-28, 2016 (Other Refereed National Journals)

● **Çok Zamanlı Heyelan Aktivitesinin Belirlenmesinde Jeomorfolojik Bir Yaklaşım**

GÖRÜM T., NEFESLİOĞLU H. A.

● TÜRK COĞRAFYA DERGİSİ, vol.0, pp.47-58, 2015 (Other Refereed National Journals)

● **Yeşil Göl Heyelanının Jeomorfolojik Özellikleri ve Oluşum Mekanizması**

BAYRAKDAR C., GÖRÜM T.

● TÜRK COĞRAFYA DERGİSİ, vol.59, pp.1-10, 2012 (Other Refereed National Journals)

● **İstanbul Boğazı deniz tabanı morfolojisini denetleyen etkenler Son buzul dönemi sonrası aşınma**

**izlerinin kanıtları**

GÖKAŞAN E., TUR H., ECEVİTOĞLU G. B. , GÖRÜM T., TÜRKER A., TOK B., BİRKAN H.  
Yerbilimleri Dergisi, vol.27, pp.143-161, 2006 (Other Refereed National Journals)

**Citations**

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h-index (WOS):15