

Res. Asst. PhD BESTE TAVUS

Personal Information

Email: beste.tavus@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/beste.tavus>

Address: Hacettepe Üniversitesi Beytepe Kampüsü Geomatik Mühendisliği Bölümü Kat:2 Çankaya/ANKARA

International Researcher IDs

ScholarID: K368uHIAAAAJ

ORCID: 0000-0001-9351-9423

ScopusID: 57204776566

Yoksis Researcher ID: 261764

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Geomatik Mühendisliği A.B.D., Turkey 2018 - 2023

Postgraduate, Aksaray University, Fen Bilimleri Enstitüsü, Jeodezi Ve Coğrafi Bilgi Sistemleri, Turkey 2014 - 2017

Undergraduate, Aksaray University, Mühendislik Fakültesi, Harita Mühendisliği, Turkey 2010 - 2014

Dissertations

Postgraduate, Tarımsal Alanlarda IKONOS Uydu Görüntüsünden Nesne Tabanlı Ürün Deseni Tespiti, Aksaray Üniversitesi, Aksaray Üniversitesi Fen Bilimleri Enstitüsü, Jeodezi Ve Coğrafi Bilgi Sistemleri A.B.D., 2017

Research Areas

Geotechnical Engineering, Geographic Information Systems, Photogrammetry, Remote sensing, Earth Observations (Remote Sensing), Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Geomatik Mühendisliği, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Evaluation of Floods and Landslides Triggered by a Meteorological Catastrophe (Ordu, Turkey, August 2018) Using Optical and Radar Data
KOCAMAN GÖKÇEÖĞLU S., TAVUS B., Nefeslioglu H. A., KARAKAŞ G., GÖKÇEÖĞLU C.
Geofluids, vol.2020, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. An Assessment of the Epicenter Location and Surroundings of the 24 January 2020 Sivrice

Earthquake, SE Türkiye

YÜRÜR M. T., KOCAMAN GÖKÇEÖĞLU S., TAVUS B., GÖKÇEÖĞLU C.

Earth (Switzerland), vol.4, no.4, pp.806-822, 2023 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Landslide detection using InSAR time series in the Kalekoy dam reservoir (Bingol, Türkiye)**
TAVUS B., KOCAMAN S., NEFESLİOĞLU H. A.
SPIE Sensors + Imaging 2022, Germany, 05 September 2022
- II. **Landslide detection using InSAR time series in the Kalekoy dam reservoir (Bingol, Turkiye)**
TAVUS B., KOCAMAN GÖKÇEÖĞLU S., Nefeslioglu H. A.
Conference on Image and Signal Processing for Remote Sensing XXVIII, Berlin, Germany, 5 - 06 September 2022, vol.12267
- III. **A CNN-BASED FLOOD MAPPING APPROACH USING SENTINEL-1 DATA**
TAVUS B., CAN R., KOCAMAN GÖKÇEÖĞLU S.
24th ISPRS Congress on Imaging Today, Foreseeing Tomorrow, Nice, France, 6 - 11 June 2022, vol.5-3, pp.549-556
- IV. **Assessment of flooded areas caused by a dam break (Sardoba Dam, Uzbekistan)**
TAVUS B., KOCAMAN GÖKÇEÖĞLU S., GÖKÇEÖĞLU C.
2021 24th ISPRS Congress Commission III: Imaging Today, Foreseeing Tomorrow, Nice, France, 5 - 09 July 2021, vol.43, pp.291-297
- V. **A fusion approach for flood mapping using sentinel-1 and sentinel-2 datasets**
TAVUS B., KOCAMAN GÖKÇEÖĞLU S., Nefeslioglu H., GÖKÇEÖĞLU C.
2020 24th ISPRS Congress - Technical Commission III, Nice, Virtual, France, 31 August - 02 September 2020, vol.43, pp.641-648
- VI. **Flood Mapping Using Sentinel-1 SAR Data: A Case Study of Ordu 8 August 2018 Flood**
TAVUS B., KOCAMAN S., NEFESLİOĞLU H. A., GÖKÇEÖĞLU C.
TUFUAB 2019, 25 - 27 April 2019
- VII. **CONSIDERATIONS ON THE USE OF SENTINEL-1 DATA IN FLOOD MAPPING IN URBAN AREAS: ANKARA (TURKEY) 2018 FLOODS**
TAVUS B., KOCAMAN S., GÖKÇEÖĞLU C., NEFESLİOĞLU H. A.
ISPRS TCV Symposium, 20 - 23 November 2018, vol.5, pp.575-581
- VIII. **Üniversite Yerleşkesine Yönelik Altyapı Bilgi Sistemine Altlık Olacak Bir Çalışma ASÜ Örneği**
KARATAŞ K., TAVUS B.
7. Ulusal Mühendislik Ölçmeleri Sempozyumu, Turkey, 15 - 17 October 2014

Other Publications

- I. **RADAR İNTERFEROMETRİSİ VE STEREO HAVA FOTOGRAMETRİSİ İLE ELAZIĞ SİVRİCE DEPREMİNİN (24 OCAK 2020, M W =6.8) İNCELENMESİ**
Gökçeoglu C., Yürür M. T., Kocaman Gökçeoglu S., Nefeslioğlu H. A., Durmaz M., Tavus B., Karakaş G., Büyükdemircioğlu M., Atasoy K., Yörük İ., et al.
Technical Report, pp.1-50, 2020

Supported Projects

KOCAMAN GÖKÇEÖĞLU S., TAVUS B., NEFESLİOĞLU H. A., Project Supported by Higher Education Institutions, Sentinel1 SAR Verilerinin Taşkin ve Heyelan Afetlerinde Kullanımının Araştırılması, 2020 - 2023

Metrics

Publication: 15

Citation (WoS): 1

Citation (Scopus): 120

H-Index (WoS): 1

H-Index (Scopus): 5