

## Res. Asst. PhD BESTE TAVUS

### Personal Information

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### International Researcher IDs

ScholarID: K368uHIAAAAJ

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### 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. Analysing slope dynamics of Kaleköy (Türkiye) dam reservoir with Sentinel-1 SAR time series and Sentinel-2 spectral indices**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S., Nefeslioglu H. A., GÖKÇEOĞLU C.  
ENVIRONMENTAL EARTH SCIENCES, no.17, 2024 (SCI-Expanded)
- II. Evaluation of Floods and Landslides Triggered by a Meteorological Catastrophe (Ordu, Turkey, August 2018) Using Optical and Radar Data**  
KOCAMAN GÖKÇEOĞLU S., TAVUS B., Nefeslioglu H. A., KARAKAŞ G., GÖKÇEOĞLU 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 GÖKÇEOĞLU S., TAVUS B., GÖKÇEOĞLU C.  
Earth (Switzerland), vol.4, no.4, pp.806-822, 2023 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **GLCM FEATURES FOR LEARNING FLOODED VEGETATION FROM SENTINEL-1 AND SENTINEL-2 DATA**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S.  
39th International Symposium on Remote Sensing of Environment (ISRSE) - From Human needs to SDGs, Antalya, Turkey, 24 - 28 April 2023, pp.601-607
- II. **FLOOD MAPPING IN MOUNTAINOUS AREAS USING SENTINEL-1 & 2 DATA AND GLCM FEATURES**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S.  
5th International-Society-for-Photogrammetry-and-Remote-Sensing (ISPRS) Geospatial Week (GSW), Cairo, Egypt, 2 - 07 September 2023, pp.1575-1580
- III. **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
- IV. **Landslide detection using InSAR time series in the Kalekoy dam reservoir (Bingol, Türkiye)**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S., Nefeslioglu H. A.  
Conference on Image and Signal Processing for Remote Sensing XXVIII, Berlin, Germany, 5 - 06 September 2022, vol.12267
- V. **A CNN-BASED FLOOD MAPPING APPROACH USING SENTINEL-1 DATA**  
TAVUS B., CAN R., KOCAMAN GÖKÇEOĞLU S.  
24th ISPRS Congress on Imaging Today, Foreseeing Tomorrow, Nice, France, 6 - 11 June 2022, vol.5-3, pp.549-556
- VI. **Assessment of flooded areas caused by a dam break (Sardoba Dam, Uzbekistan)**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S., GÖKÇEOĞLU C.  
2021 24th ISPRS Congress Commission III: Imaging Today, Foreseeing Tomorrow, Nice, France, 5 - 09 July 2021, vol.43, pp.291-297
- VII. **A fusion approach for flood mapping using sentinel-1 and sentinel-2 datasets**  
TAVUS B., KOCAMAN GÖKÇEOĞLU S., Nefeslioglu H., GÖKÇEOĞLU C.  
2020 24th ISPRS Congress - Technical Commission III, Nice, Virtual, France, 31 August - 02 September 2020, vol.43, pp.641-648
- VIII. **Flood Mapping Using Sentinel-1 SAR Data: A Case Study of Ordu 8 August 2018 Flood**  
TAVUS B., KOCAMAN S., NEFESLİOĞLU H. A., GÖKÇEOĞLU C.  
TUFUAB 2019, 25 - 27 April 2019
- IX. **CONSIDERATIONS ON THE USE OF SENTINEL-1 DATA IN FLOOD MAPPING IN URBAN AREAS: ANKARA (TURKEY) 2018 FLOODS**  
TAVUS B., KOCAMAN S., GÖKÇEOĞLU C., NEFESLİOĞLU H. A.  
ISPRS TCV Symposium, 20 - 23 November 2018, vol.5, pp.575-581
- X. **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 SIVRİCE DEPREMİNİN (24 OCAK 2020, M W =6.8) İNCELENMESİ**  
Gökçeoğlu C., Yürür M. T., Kocaman Gökçeoğlu S., Nefeslioglu H. A., Durmaz M., Tavus B., Karakaş G.,

Büyükdemirciođlu M., Atasoy K., Yörük İ., et al.  
Technical Report, pp.1-50, 2020

## Supported Projects

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

## Metrics

Publication: 18  
Citation (WoS): 1  
Citation (Scopus): 120  
H-Index (WoS): 1  
H-Index (Scopus): 5