

## Lect. İŞIKHAN GÜLER

### Personal Information

Email: isikhan@metu.edu.tr

Web: <https://avesis.metu.edu.tr/isikhan>

### International Researcher IDs

ScholarID: uAcvNfkAAAAJ

ORCID: 0000-0002-1146-7859

Publons / Web Of Science ResearcherID: AAP-6635-2021

ScopusID: 57197065772

### Advising Theses

- YALÇINER A. C., GÜLER I., Modeling of continuous dredge disposal to form a natural life island in the gulf of İzmir /, Postgraduate, G.Ertek(Student), 2014
- ERGİN A., GÜLER I., Statistical and spatial approaches to marina master plan for Turkey, Postgraduate, A.Karancı(Student), 2011

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The 30 October 2020 Aegean Sea Tsunami: Post-Event Field Survey Along Turkish Coast**  
Dogan G. G., YALÇINER A. C., YÜKSEL Y., ULUTAŞ E., Polat O., GÜLER I., ŞAHİN C., Tarih A., KANOĞLU U.  
PURE AND APPLIED GEOPHYSICS, vol.178, no.3, pp.785-812, 2021 (SCI-Expanded)
- II. **Structural and Optical Properties of Ga<sub>2</sub>Se<sub>3</sub> Crystals by Spectroscopic Ellipsometry**  
Guler I., Işık M., Gasanly N., Gasanova L. G., Babayeva R. F.  
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.4, pp.2418-2422, 2019 (SCI-Expanded)
- III. **Characteristic features of thermoluminescence in neodymium-doped gallium sulfide**  
Guler I., Işık M., Ahmedova F., Guseinov A., Gasanly N.  
LUMINESCENCE, vol.33, no.4, pp.759-763, 2018 (SCI-Expanded)
- IV. **Determination of Trapping Parameters of Ti<sub>2</sub>In<sub>2</sub>S<sub>3</sub>Se Layered Single Crystal by Thermoluminescence**  
Guler I., Gasanly N.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.53, no.4, 2018 (SCI-Expanded)
- V. **Thermoluminescence in gallium sesquisulfide single crystals: usual and unusual heating rate dependencies**  
Guler I., Işık M., Gasanova L., Mahammadov A., Gasanly N.  
OPTIK, vol.165, pp.132-136, 2018 (SCI-Expanded)
- VI. **Optical and photoelectrical properties of TlInSSe layered single crystals**  
Guler I., Gasanly N.  
OPTIK, vol.157, pp.895-899, 2018 (SCI-Expanded)
- VII. **Dynamic responses of two blocks under dynamic loading using experimental and numerical studies**  
Cihan H. K., ERGİN A., Cihan K., GÜLER I.  
APPLIED OCEAN RESEARCH, vol.49, pp.72-82, 2015 (SCI-Expanded)
- VIII. **Two-Dimensional Depth-Averaged Beach Evolution Modeling: Case Study of the Kizilirmak River Mouth, Turkey**

- Baykal C., ERGİN A., Guler I.  
 JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING, vol.140, no.3, 2014 (SCI-Expanded)
- IX. Temperature-dependent absorption edge and photoconductivity of  $Tl_2In_2S_3Se$  layered single crystals  
 Guler I., Ambrico M., Ligonzo T., Gasanly N.  
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.550, pp.471-474, 2013 (SCI-Expanded)
- X. Raman scattering in  $TlInS_{2x}Se_{2(1-x)}$  layered mixed crystals ( $0.25 \leq x \leq 1$ ): Compositional dependence of the mode frequencies and line widths  
 GÜLER I., Gasanly N.  
 PHYSICA B-CONDENSED MATTER, vol.406, no.18, pp.3374-3376, 2011 (SCI-Expanded)
- XI. Trapping centers and their distribution in  $Tl_2In_2Se_3S$  layered single crystals  
 GÜLER I., Gasanly N.  
 SOLID STATE COMMUNICATIONS, vol.150, pp.176-180, 2010 (SCI-Expanded)
- XII. Optical properties of  $Tl_2In_2Se_3S$  layered single crystals  
 GÜLER I., Gasanly N.  
 PHILOSOPHICAL MAGAZINE, vol.90, no.13, pp.1799-1806, 2010 (SCI-Expanded)
- XIII. Trapping center parameters in  $TlInSSe$  layered single crystals bit thermally stimulated currents measurements  
 GÜLER I., Gasanly N.  
 JOURNAL OF ALLOYS AND COMPOUNDS, vol.485, pp.41-45, 2009 (SCI-Expanded)
- XIV. Determination of trapping center parameters in  $Tl_2In_2S_3Se$  layered single crystals by thermally stimulated current measurements  
 GÜLER I., HASANLI N.  
 PHYSICA B-CONDENSED MATTER, vol.404, pp.2034-2038, 2009 (SCI-Expanded)
- XV. Temperature-tuned band gap energy and oscillator parameters of  $TlInSeS$  layered single crystals  
 Gasanly N., GÜLER I.  
 INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.22, no.22, pp.3931-3939, 2008 (SCI-Expanded)
- XVI. Responses of the stratified flows to their driving conditions-A field study  
 YÜKSEL Y., AYAT AYDOĞAN B., Ozturk M. N., Aydogan B., Guler I., Cevik E. O., Yalciner A. C.  
 OCEAN ENGINEERING, vol.35, no.13, pp.1304-1321, 2008 (SCI-Expanded)
- XVII. Optical properties of  $TlGaSeS$  layered single crystals  
 GÜLER I., Gasanly N.  
 JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.51, no.6, pp.2031-2035, 2007 (SCI-Expanded)
- XVIII. Specific features of the optical spectra in  $Tl_2In_2S_3Se$  layered single crystals  
 Gasanly N., Guler I., Goksen K.  
 CRYSTAL RESEARCH AND TECHNOLOGY, vol.42, no.6, pp.621-625, 2007 (SCI-Expanded)
- XIX. Low-temperature visible photoluminescence and optical absorption in  $Tl_2In_2Se_3S$  semiconductor  
 Guler I., Goksen K., Gasanly N., Turan R.  
 PHYSICA B-CONDENSED MATTER, vol.395, pp.116-120, 2007 (SCI-Expanded)
- XX. Determination and control of longshore sediment transport: A case study  
 Ari H. A., Yuksel Y., Cevik E. O., Guler I., Yalciner A. C., Bayram B.  
 OCEAN ENGINEERING, vol.34, no.2, pp.219-233, 2007 (SCI-Expanded)
- XXI. Excitation and temperature tuned photoluminescence in  $Tl_2In_2S_3Se$  layered crystals  
 Guler I., Goksen K., Gasanly N.  
 ACTA PHYSICA POLONICA A, vol.110, no.6, pp.823-831, 2006 (SCI-Expanded)

## Books & Book Chapters

- I. Intervention of Human Activities on Geomorphological Evolution of Coastal Areas: Cases from Turkey

BAYKAL C., ERGİN A., GÜLER I.

in: Studies on Environmental and Applied Geomorphology, Tommaso Piacentini, Enrico Miccadei, Editor, Intech,  
Rijeka, pp.119-140, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. DÜZENLİ DALGALARIN İLERLEYİŞİNİN BENZETİMİNDE SWASH SAYISAL MODELİNİN PERFORMANSININ DEĞERLENDİRİLMESİ  
GÜLER H. G., İŞIK E., SHARGHVAND N., GÖRAL K. D., BAYKAL C., GÜLER I., ERGİN A.  
İMO 9. Ulusal Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018
- II. THE JULY 20, 2017 BODRUM/KOS EARTHQUAKE AND TSUNAMI: FIELD SURVEYS, LESSONS and MODELING  
YALÇINER A. C., ANNUNZIATO A., PAPADOPoulos G. A., DOĞAN G. G., GÜLER H. G., ÖZER SÖZDİNLER C., ULUTAŞ E., ARIKAWA T., SÜZEN M. L., KANOĞLU U., et al.  
International Conference on Coastal Engineering 2018, Baltimore, United States Of America, 29 July - 04 August 2018
- III. Kıyı Mühendisliği Uygulamalarında Tasarım Dalgası ve Risk  
ÖZYURT TARAKCIOĞLU G., ERGİN A., GÜLER H. G., BAYKAL C., GÜLER I., ESEN M., KIREZCİ Ç., YALÇINER A. C.  
3. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- IV. The Bodrum-Kos strong (Mw6.6) earthquake and the associated tsunami of 20 July 2017: results of post-event field surveys  
YALÇINER A. C., ANNUNZIATO A., PAPADOPoulos G., DOĞAN G. G., GÜLER H. G., ÇAKIR T. E., ÖZER SÖZDİNLER C., ULUTAŞ E., TARO A., SÜZEN M. L., et al.  
ITS 2017 – International Tsunami Symposium, Balvi, Indonesia, 21 - 25 August 2017
- V. A comparative study on wind and wave sources for Turkish black sea coast  
Esen M., ERGİN A., GÜLER I., ÖZYURT TARAKCIOĞLU G.  
34th International Conference on Coastal Engineering, ICCE 2014, Seoul, South Korea, 15 - 20 June 2014, vol.2014-January
- VI. Evaluation of coastal risk at selected sites against eastern mediterranean tsunamis  
YALÇINER A. C., Ozer C., Karakus H., Zaytsev A., GÜLER I.  
32nd International Conference on Coastal Engineering, ICCE 2010, Shanghai, China, 30 June - 05 July 2010

## Metrics

Publication: 41

Citation (WoS): 188

Citation (Scopus): 188

H-Index (WoS): 8

H-Index (Scopus): 7