

Asst. Prof. GÜLİZAR ÖZYURT TARAKCIOĞLU



Personal Information

Office Phone: [+90 312 210 5436](tel:+903122105436)

Email: gulizar@metu.edu.tr

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

International Researcher IDs

ScholarID: Gy-EXBMAAAAJ

ORCID: 0000-0001-8327-3300

Publons / Web Of Science ResearcherID: AAZ-9933-2020

ScopusID: 35759401100

Yoksis Researcher ID: 103785

Education Information

2007 - 2010	Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Turkey
2004 - 2007	Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Turkey
2000 - 2004	Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey

Foreign Languages

English, C2 Mastery

Dissertations

2010	Fuzzy vulnerability assessment model of coastal areas to sea level rise, Middle East Technical University, Graduate School of Natural and Applied Sciences, İnşaat Mühendisliği (Dr), Doctorate
2007	Vulnerability of coastal areas to sea level rise: A case study on Göksu delta, Middle East Technical University, Graduate School of Natural and Applied Sciences, İnşaat Mühendisliği (YI) (Tezli), Postgraduate

Research Areas

Coastal Sciences, Civil Engineering, Coastal Sedimentation, Coastal Zone Management, Design of Coastal Structures, Coastal Engineering, Engineering and Technology

Academic Titles / Tasks

2018 - Continues	Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering
2014 - 2018	Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering
2005 - 2011	Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering

Courses

2022 - 2023, 2018 - 2019	FLUID MECHANICS, Undergraduate
2023 - 2024, 2021 - 2022, 2020 - 2021	FLUID MECHANICS, Undergraduate
2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020	COASTAL AND HARBOR STRUCTURES, Undergraduate
2022 - 2023, 2020 - 2021, 2018 - 2019, 2016 - 2017	COASTAL POLLUTION, Postgraduate
2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018	COASTAL ZONE MANAGEMENT, Undergraduate
2017 - 2018	MARINAS, Undergraduate
2017 - 2018	HYDROMECHANICS, Undergraduate

Advising Theses

2022	Özyurt Tarakcioğlu G., Postgraduate, S.DOĞAÇ(Student), OPTIMIZATION OF OVERTOPPING TYPE WAVE ENERGY CONVERTERS ON EXISTING BREAKWATERS
2022	Özyurt Tarakcioğlu G., Kısacık D., Postgraduate, M.GÖKAY(Student), Study of wave impact loads on components of stilling wave basin on a vertical seawall
2021	Özyurt Tarakcioğlu G., Akçamete Güngör A., Postgraduate, C.BALKU(Student), BIM-based marina design and semi-automated code checking process
2021	Özyurt Tarakcioğlu G., Postgraduate, İ.ÇOBAN(Student), Source-pathway-receptor-consequence conceptual model for flooding and tsunami at the Ayamama river and coastal area
2019	Özyurt Tarakcioğlu G., Baykal C., Postgraduate, M.ERKAM(Student), Application of suitability index to Turkish coasts for wave energy site selection
2019	Özyurt Tarakcioğlu G., Baykal C., Postgraduate, M.SEDAT(Student), The coastal circulation model of Büyük Menderes river mouth and adjacent coastal areas
2019	Özyurt Tarakcioğlu G., Postgraduate, G.HAZAL(Student), Assessment of performance of interpolation methods for temporal resolution of wind data on wave modelling
2019	Özyurt Tarakcioğlu G., Postgraduate, G.KHODKAR(Student), Beach carrying capacity assessment: Case study for sustainable use of Kusadasi beaches
2019	Yalçiner A. C., Özyurt Tarakcioğlu G., Postgraduate, Ö.ÇABUK(Student), Long waves generation by atmospheric pressure disturbances and case study
2019	Özyurt Tarakcioğlu G., Postgraduate, C.BİNGÖL(Student), Calibration and evaluation of Wavewatch III under extreme conditions in eastern mediterranean and aegean sea basin
2017	ÖZYURT TARAKCIOĞLU G., Postgraduate, A.BERKAN(Student), The potential of osmotic power for Turkey
2016	ÖZYURT TARAKCIOĞLU G., Postgraduate, D.ATAK(Student), A comparative economical analysis on the design of berm breakwater: Case study on Ordu-Giresun airport berm breakwater
2016	ÖZYURT TARAKCIOĞLU G., Postgraduate, G.GÜNEY(Student), Study of rubble mound and caisson type breakwaters by experimental and numerical modelling under extreme waves
2016	ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Postgraduate, A.DUHA(Student), Long waves generation and coastal amplification due to atmospheric pressure disturbances

2016	ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Postgraduate, D.CAN(Student), Surge and coastal inundation study of september 2014 storm in Giresun, Black Sea
2016	ÖZYURT TARAKCIOĞLU G., Postgraduate, Ç.KİREZCİ(Student), Calibration and evaluation of the 3rd generation wave models under extreme conditions in Black Sea basin
2015	ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Postgraduate, Ç.POLAT(Student), Evaluation of wave statistics by using two wind data sets for Mediterranean Sea Region in Turkey
2014	ÖZYURT TARAKCIOĞLU G., ERGİN A., Postgraduate, C.Onur(Student), Evaluation of extreme wave statistics by using two wind data sets for Western Black Sea Region in Turkey /
2014	ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Postgraduate, A.Damla(Student), Assessment of sea level rise for coastal zone management: vulnerability of Fethiye Bay /
2014	ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Postgraduate, A.DAMLA(Student), Assessment of sea level rise for coastal zone management: Vulnerability of Fethiye Bay
2014	ÖZYURT TARAKCIOĞLU G., Postgraduate, C.ONUR(Student), Evaluation of extreme wave statistics by using two wind data sets for Western Black Sea region in Turkey

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Storm damage assessment of a port in the Southwestern Black Sea**
Güler H. G., Kirezci C., Baykal C., Tarakcioglu G., Isik E., Ergin A., Yalciner A. C., Guler I.
Coastal Engineering, vol.192, 2024 (SCI-Expanded)
- II. **Wave Overtopping at Sea Dikes on Shallow Foreshores: A Review, an Evaluation, and Remaining Challenges**
ÖZYURT TARAKCIOĞLU G., Kisacik D., Gruwez V., Troch P.
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.11, no.3, 2023 (SCI-Expanded)
- III. **Adaptation measures for seawalls to withstand sea-level rise**
Kisacik D., ÖZYURT TARAKCIOĞLU G., Cappiotti L.
Ocean Engineering, vol.250, 2022 (SCI-Expanded)
- IV. **Long wave generation and coastal amplification due to propagating atmospheric pressure disturbances**
Dogan G. G., Pelinovsky E., Zaytsev A., Metin A. D., ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., YALÇINER B., Didenkulova I.
NATURAL HAZARDS, vol.106, no.2, pp.1195-1221, 2021 (SCI-Expanded)
- V. **Effect of Mean Water Level Variations on the Design and Performance of Rubble-Mound Coastal Protection Structures**
Guler H. G., Tarakcioglu G., BAYKAL C.
TEKNIK DERGI, vol.31, no.3, pp.9941-9966, 2020 (SCI-Expanded)
- VI. **Stilling wave basins for overtopping reduction at an urban vertical seawall - The Kordon seawall at Izmir**
Kisacik D., Tarakcioglu G., Baykal C.
OCEAN ENGINEERING, vol.185, pp.82-99, 2019 (SCI-Expanded)
- VII. **Hydrodynamic Conditions in Front of a Vertical Wall with an Overhanging Horizontal Cantilever Slab**
KISACIK D., ÖZYURT TARAKCIOĞLU G., Troch P.
JOURNAL OF OCEAN UNIVERSITY OF CHINA, vol.16, no.6, pp.978-990, 2017 (SCI-Expanded)
- VIII. **Risk Assessment and Design of Prevention Structures for Enhanced Tsunami Disaster Resilience (RAPSODI)/Euro-Japan Collaboration**
Harbitz C. B., Nakamura Y., Arikawa T., BAYKAL C., Dogan G. G., Frauenfelder R., Glimsdal S., GÜLER H. G., Issler D., Kaiser G., et al.
COASTAL ENGINEERING JOURNAL, vol.58, no.4, 2016 (SCI-Expanded)
- IX. **Wave-induced uprush jet velocity on a vertical structure**
KISACIK D., ÖZYURT TARAKCIOĞLU G., Troch P.
OCEAN ENGINEERING, vol.127, pp.103-113, 2016 (SCI-Expanded)

- X. **Improving Coastal Vulnerability Assessments to Sea-Level Rise: A New Indicator-Based Methodology for Decision Makers**
ÖZYURT TARAKCIOĞLU G., ERGİN A.
JOURNAL OF COASTAL RESEARCH, vol.26, no.2, pp.265-273, 2010 (SCI-Expanded)
- XI. **Application of Sea Level Rise Vulnerability Assessment Model to Selected Coastal Areas of Turkey**
ÖZYURT TARAKCIOĞLU G., ERGİN A.
JOURNAL OF COASTAL RESEARCH, pp.248-251, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **CoCoNet: TOWARDS COAST TO COAST NETWORKS OF MARINE PROTECTED AREAS (FROM THE SHORE TO THE HIGH AND DEEP SEA), COUPLED WITH SEA-BASED WIND ENERGY POTENTIAL**
Özyurt Tarakcioğlu G., Boero F., Fogliani F., Frascchetti S., Goriup P., Macpherson E., Planes S., Soukissian T., Adiloğlu B., Gween C., et al.
SCIRES-IT-SCIENTIFIC RESEARCH AND INFORMATION TECHNOLOGY, vol.6, pp.1-95, 2016 (ESCI)

Books & Book Chapters

- I. **Eymir Gölü Sosyal Taşıma Kapasitesi Analizi**
Özyurt Tarakcioğlu G., Khodkar G.
in: Eymir: Araştırmalar, Proje ve Planlama Çalışmaları, Funda Baş Bütüner, Çağatay Keskinok, Editor, ODTÜ Mimarlık Fakültesi Yayınları, Ankara, pp.191-203, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **A Case Study on The Major Damage at A Port: Damage Assessment and Upgrade of The Breakwater**
GÜLER H. G., Kirezci Ç., AKYOL B., Gazaloğlu G., IŞIK E., BAYKAL C., ÖZYURT TARAKCIOĞLU G., van der Meer J., GÜLER I., YALÇINER A. C., et al.
38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024
- II. **CFD Modeling of The Effect of Antifer Units Used in The Armor Layer of Mound Breakwaters on Wave Overtopping**
ŞENTÜRK B. U., Demir F., ERLER B., Korkmaz A. M., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., KISACIK D., GÜLER I., YALÇINER A. C., et al.
38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024
- III. **Effects of Different Units and Placement Methods on Wave Overtopping on Mound Breakwaters**
Korkmaz A. M., ERLER B., Demir F., ŞENTÜRK B. U., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., KISACIK D., GÜLER I., YALÇINER A. C., et al.
38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024
- IV. **Numerical and Experimental Investigation of Wave Loads on Mound Breakwater Heads**
Sevindik C., ŞENTÜRK B. U., Demir F., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., GÜLER I., YALÇINER A. C., ERGİN A.
38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024
- V. **Effects of Different Armour Units and Placement Methods on Wave Loads Acting on Crown Walls**
Demir F., Korkmaz A. M., Erler B., ŞENTÜRK B. U., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., KISACIK D., GÜLER I., YALÇINER A. C., et al.
38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024
- VI. **Hydraulic Tests on A XBlocPlus Armoured Coastal Revetment**
GÜLER I., Korkmaz A. M., Sevindik C., Turgut A., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., ERGİN A.

38th International Conference on Coastal Engineering, Roma, Italy, 8 - 14 September 2024

- VII. **National Assessment of Sea Level Rise Vulnerability of Archeological Heritage Sites of Türkiye**
Özyurt Tarakcioğlu G., Kösem I., Ince A., Uysal A. Ç., Ergin A., Süzen M. L., Erciyas D. B., Çalışkan U., Varinlioğlu G., Yalçiner A. C.

38th International Conference on Coastal Engineering, Rome, Italy, 8 - 14 September 2024, pp.1-2

- VIII. **Rapid Assessment of Coastal Flooding Vulnerability of Heritage Sites: Optimization and Limitations**
Uysal A. Ç., Özyurt Tarakcioğlu G., Ince A., Kösem I.

38th International Conference on Coastal Engineering, Rome, Italy, 8 - 14 September 2024, pp.1-2

- IX. **DOLGU DALGAKIRANLARDA ANTİFER ÜNİTELERİNİN FARKLI DİZİLİMLERİNİN DALGA AŞMASINA ETKİSİ**

Erler B., Demir F., Korkmaz A. M., ŞENTÜRK B. U., GÜLER H. G., BAYKAL C., ÖZYURT TARAKCIOĞLU G., KISACIK D., GÜLER I., YALÇINER A. C., et al.

İMO 10. Ulusal Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023

- X. **Dolgu Dalgakıranlarda Antifer Ünitelerin Farklı Dizilimlerinin Dalga Aşmasına Etkisi**

Erler B., Demir F., Korkmaz A. M., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Kısacık D., Güler I., Yalçiner A. C., et al.

İMO 10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.518-527

- XI. **Türkiye Kıyılarındaki Miras Alanlarında Bulanık Tabanlı Kıyı Kırılma Modelinin Uygulanması**

Uysal A. Ç., Özyurt Tarakcioğlu G., Ergin A., Ince A., Kösem I.

10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.1-13

- XII. **Dolgu Dalgakıran Müzvarında Kırılan Dalgaların Etkileri Üzerine Bir Araştırma**

Sevindik C., Demir F., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Güler I., Yalçiner A. C., Ergin A.

İMO 10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.422-432

- XIII. **TÜRKİYE KIYILARINDAKİ TABİAT VARLIK ALANLARININ EKSTREM SU SEVİYESİ KOŞULLARI ALTINDAKİ TAŞKIN MODELLEMESİ**

Uysal A. Ç., Özyurt Tarakcioğlu G., Ince A., Kösem I.

10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.1-11

- XIV. **Durgun Dalga Havuzu Üniteleri Üzerinde Gözlenen Dalga Basınçları: İzmir Körfezi İçin Model Çalışması**

Özyurt Tarakcioğlu G., Kısacık D., Yalaz Ö. F., Altunbaş G.

10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.1-8

- XV. **Karadeniz Bölgesi'nde Yer Alan Bir Limanda Fırtına Kaynaklı Gerçekleşen Ağır Hasarın Değerlendirilmesi**

Güler H. G., Kirezci Ç., Baykal C., Özyurt Tarakcioğlu G., Işık E., Ergin A., Yalçiner A. C., Güler I.

İMO 10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.417-421

- XVI. **Türkiye Kıyı Alanlarında Bulunan Doğal Ve Arkeolojik Sit Alanlarında İklim Değişikliği Ve Kıyı Erozyonu**

Kösem I., Özyurt Tarakcioğlu G., Ergin A., Uysal A. Ç., Ince A., Yalçiner A. C., Erciyas D. B., Varinlioğlu G., Süzen M. L., Çalışkan U.

10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.1-9

- XVII. **Dolgu Dalgakıranların Koruma Tabakasında Kullanılan Antifer Ünitelerin Dalga Aşmasına Etkisinin Sayısal Modellenmesi**

Şentürk B. U., Demir F., Erler B., Korkmaz A. M., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Kısacık D., Güler I., Yalçiner A. C., et al.

İMO 10. Kıyı Mühendisliği Sempozyumu, İzmir, Turkey, 16 - 17 November 2023, pp.408-416

- XVIII. **Investigation of wave loads at the leeside of a rubble mound breakwater head**

Sevindik C., Demir F., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Güler I., Yalçiner A. C., Ergin A.

10th Short Course and Applied Coastal Research Conference, İstanbul, Turkey, 4 - 06 September 2023, pp.100

- XIX. **Effects of Antifer Placement Methods on Wave Overtopping and Wave Loads on Crown-Walls**

Demir F., Erler B., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Kısacık D., Güler I., Yalçiner A. C., Ergin A.

- 10th Short Course/Conference on Applied Coastal Research, İstanbul, Turkey, 4 - 06 September 2023, pp.102
- XX. **Investigation of Wave Loads at the Lee-Side of a Rubble Mound Breakwater Head**
Sevindik C., Demir F., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Güler I., Ergin A., Yalçiner A. C.
10th Short Course/Conference on Applied Coastal Research, İstanbul, Turkey, 4 - 06 September 2023, pp.101
- XXI. **Comparative discussion on the interdisciplinarity of ICZM regulations of Turkey and Colombia**
Özyurt Tarakcioğlu G., Ergin A., Botero C., Güler H. G., İnce A., Santofimio C., Garcia D., Aguirre A. C.
10th Short Course and Applied Coastal Research Conference, İstanbul, Turkey, 4 - 06 September 2023, pp.58
- XXII. **Extreme Water Level Projections at the Coastal Cultural Heritage Sites of Türkiye**
Uysal A. Ç., Özyurt Tarakcioğlu G., Kösem İ., İnce A.
10th Short Course/Conference on Applied Coastal Research, İstanbul, Turkey, 4 - 06 September 2023, pp.93
- XXIII. **Coastal Archaeological and Natural Sites of Türkiye Threatened by Sea Level Rise**
Kösem İ., Uysal A. Ç., İnce A., Özyurt Tarakcioğlu G., Ergin A., Yalçiner A. C., Süzen M. L., Erciyas D. B., Çalışkan U., Varinlioğlu G.
10th Short Course/Conference on Applied Coastal Research, İstanbul, Turkey, 4 - 06 September 2023, pp.23
- XXIV. **Fuzzy-Based Coastal Vulnerability Model Application on Turkish Coasts with 25 Heritage Sites**
İnce A., Özyurt Tarakcioğlu G., Ergin A., Uysal A. Ç., Kösem İ.
10th Short Course/Conference on Applied Coastal Research, İstanbul, Turkey, 4 - 06 September 2023, pp.25
- XXV. **Effect of antifer placement methods on wave overtopping and wave loads on crown-walls**
Demir F., Erler B., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Kısacık D., Güler I., Yalçiner A. C., Ergin A.
10th Short Course and Applied Coastal Research Conference, İstanbul, Turkey, 4 - 06 September 2023, pp.102
- XXVI. **Kurupelit Yat Limanında Meydana Gelen Kıyı Şeridi Değişiminin Sayısal Modellenmesi**
Çiçek Y. A., Şentürk B. U., Güler H. G., Baykal C., Özyurt Tarakcioğlu G., Yalçiner A. C., Güler I., Ergin A.
Türkiye İnşaat Mühendisliği 18. Teknik Kongre ve Sergisi, İstanbul, Turkey, 7 - 09 November 2022, pp.513-521
- XXVII. **CALIBRATION AND EVALUATION OF THE 3RD GENERATION WAVE MODEL WAVEWATCH III UNDER EXTREME CONDITIONS IN EASTERN MEDITERRANEAN AND AEGEAN SEA**
Özyurt Tarakcioğlu G., Bingöl C.
15th UK Young Coastal Scientists and Engineers Conference 2019, Glasgow, United Kingdom, 13 - 15 May 2019, pp.1
- XXVIII. **The Coastal Circulation Model of Büyük Menderes River and Adjacent Coastal Areas**
Özyurt Tarakcioğlu G., Gözlet S.
15th UK Young Coastal Scientists and Engineers Conference 2019, Glasgow, United Kingdom, 13 - 15 May 2019, pp.1
- XXIX. **A CASE STUDY ON PERFORMANCE OF RESHAPING BERM BREAKWATERS: ORDU GİRESUN INTERNATIONAL AIRPORT, TURKEY**
Özyurt Tarakcioğlu G., Baykal C., Bezazoğlu S., Atak D., Ergin A., Güler I.
36th International Conference on Coastal Engineering, Maryland, United States Of America, 29 July - 03 August 2018, pp.36-40
- XXX. **Türkiye'nin Osmotik Enerji Potansiyeli**
ÖZYURT G., TİĞREK Ş., Korkmaz A. B.
III Ulusal Dniz Bilimleri Konferansı, Turkey, 09 May 2018 - 12 May 2012
- XXXI. **YAPAY BLOKLU KIYI TAHKİMATI DENGE VE DALGA AŞMA DURUMLARININ ARAŞTIRILMASI ÜZERİNE BİR FİZİKSEL MODEL ÇALIŞMASI**
BAYKAL C., ÖZYURT TARAKCIOĞLU G., IŞIK E., Gözlet M. S., GÜLER H. G.
İMO 9. Ulusal Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018
- XXXII. **TÜRKİYE AKDENİZ KIYILARINDA GÖZLENEN HORTUM OLAYLARI**
ÇABUK Ö., GÜLER H. G., ÖZYURT TARAKCIOĞLU G., GÜLER I., YALÇINER A. C.
İMO 9. Ulusal Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018
- XXXIII. **Kıyılarda Yenilenebilir Enerji Kaynağı Olarak Osmotik Enerji: İklim ve İnsan Etkisinin Türkiye'xnxin Potansiyeline Etkisi,**
ÖZYURT TARAKCIOĞLU G., TİĞREK Ş., Korkmaz A. B.

İMO, Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018, pp.562-568

- XXXIV. **Harbor Agitation Due To Offshore Ship Waves Using Swash: A Case Study Of Kumkapi Yacht Park, Istanbul**
BAYKAL C., ÖZYURT TARAKCIOĞLU G., IŞIK E.
36th International Conference on Coastal Engineering, Baltimore, United States Of America, 29 July - 03 August 2018, vol.1, pp.12
- XXXV. **Vertical Seawall Crest Modifications for Overtopping**
KISACIK D., ÖZYURT G., BAYKAL C., KABOĞLU G.
36th International Conference on Coastal Engineering 2018, Baltimore, United States Of America, 30 July - 03 August 2018
- XXXVI. **Kıyı Mühendisliği Uygulamalarında Tasarım Dalgası ve Risk**
ÖZYURT TARAKCIOĞLU G., ERGİN A., GÜLER H. G., BAYKAL C., GÜLER I., ESEN M., KİREZCİ Ç., YALÇINER A. C.
3. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- XXXVII. **Yeni Bir Yenilenebilir Enerji Kaynağı Olarak Osmotik Enerji**
Korkmaz A. B., ÖZYURT G., TİĞREK Ş.
IETS 2018, International Engineering and Technology Symposium, 3 - 05 May 2018
- XXXVIII. **Application of XBeach in a Beach Nourishment and Restoration Project A Case Study: Alanya-Turkler, Turkey**
BAYKAL C., ÖZYURT TARAKCIOĞLU G., IŞIK E., GÜLER H. G., AYDIN D. C., ÇINAR G. E., YALÇINER A. C., IŞIKHAN G., ERGİN A.
XBeach X (10th Year Anniversary) Free User Conference, Delft, Netherlands, 1 - 03 November 2017
- XXXIX. **Metetsunami generation, propagation and amplification**
Metin A. D., Pelinovsky E., YALÇINER A. C., Zaytsev A., Tarakcioglu G., Yalciner B., Kurkin A.
13th International MEDCOAST Congress on Coastal and Marine Sciences, Engineering, Management and Conservation, MEDCOAST 2017, Mellieha, Malta, 31 October - 04 November 2017, vol.2, pp.1143-1154
- XL. **Effect of Temporal Downscaling of Wind Data on Hindcasting Extreme Wave Events and Wind Power Density Studies over the Black Sea**
BAYKAL C., GÜLER H. G., ÖZYURT G., ak g. h., kirezci ç., YILMAZ M. T.
American Geophysical Union Fall Meeting 2016, 12 - 16 December 2016
- XL I. **Effect of Temporal Downscaling Methods of Long Term Wind Data on the Design Wave Prameters in the Black Sea**
ÖZYURT G., GÜLER H. G., BAYKAL C., Ak G. H., Yılmaz M. T.
35th International Conference on Coastal Engineering, Antalya, Turkey, 17 - 20 November 2016
- XLII. **Storm surge and flooding in Izmir bay and a suggestion for coastal protection stilling wave basin**
KISACIK D., KABOĞLU G., Keleş B. B., ÖZYURT G., BAYKAL C., Güler I.
35th International Conference on Coastal Engineering, Antalya, Turkey, 17 - 20 November 2016
- XLIII. **Performance of Rubble Mound and Caisson Type Breakwaters under Extreme Waves**
Doğan G. G., ÖZYURT G., BAYKAL C., YALÇINER A. C.
35th International Conference on Coastal Engineering, Antalya, Turkey, 17 - 20 November 2016
- XLIV. **Damage Identification of Coastal Structures Using Image Processing Techniques**
PEKCAN O., ERSÖZ A. B., TEKE T., DOĞAN G. G., ÖZYURT G., BAYKAL C.
35TH INTERNATIONAL CONFERENCE ON COASTAL ENGINEERING, 17 - 20 November 2016
- XLV. **Surge and Coastal Inundation Study of September 2014 Storm in Giresun Black Sea**
AYDIN D. C., ÖZYURT G., YALÇINER A. C., ERGİN A.
35TH INTERNATIONAL CONFERENCE ON COASTAL ENGINEERING, 17 - 20 November 2016
- XLVI. **Comparison of the Different Wind and Dissipation Source Terms of WAVEWATCHIII in Extreme Event Applications of Black Sea Basin**
KİREZCİ Ç., ÖZYURT G., ERGİN A.
35TH INTERNATIONAL CONFERENCE ON COASTAL ENGINEERING, 17 - 20 November 2016
- XLVII. **Long Wave Generation Due to Atmospheric Pressure Differences in Large Basins And Case Studies**
METİN D., PELINOVSKY E., ZAYTSEV A., ÖZYURT G., YALÇINER A. C.

35TH INTERNATIONAL CONFERENCE ON COASTAL ENGINEERING, 17 - 20 November 2016

- XLVIII. **Damage Identification of Coastal Structures Using Image Processing Techniques**
PEKCAN O., ERSÖZ A. B., TEKE T., Doğan G. G., ÖZYURT G., BAYKAL C.
ICCE' 16 - 35th International Conference on Coastal Engineering, 17 - 20 November 2016
- XLIX. **Effect of Temporal Downscaling Methods of Long Term Wind Data on the Design Wave Parameters in the Black Sea**
ÖZYURT G., GÜLER H. G., BAYKAL C., AK G. H., YILMAZ M. T.
International Conference on Coastal Engineering, 16 - 20 November 2016
- L. **Taş Dolgu Ve Keson Tipi Dalgakıran Performanslarının Ekstrem Dalgalar Altında Fiziksel Model Deneyleri İle İncelenmesi**
Doğan G. G., ÖZYURT G., BAYKAL C.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LI. **Şekillenmeyen Basamak Tipi Dalgakıranlar İle Şekillenebilen Dinamik Stabil Dalgakıranların Karşılaştırılması Örnek Bir Çalışma Ordu Giresun Havalimanı**
Atak D., Bezazoğlu S., BAYKAL C., ÖZYURT G., GÜLER H. G., Güler I., Ergin A.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LII. **Performance of Statistical Temporal Downscaling Techniques of Wind Speed Data Over Aegean Sea**
GÜLER H. G., BAYKAL C., ÖZYURT G., KISACIK D.
European Geosciences Union General Assembly 2016, Viyana, Austria, 17 - 22 April 2016
- LIII. **Modelling of Performance of Caisson Type Breakwaters under Extreme Waves**
Doğan G. G., ÖZYURT G., BAYKAL C.
European Geosciences Union General Assembly 2016, Viyana, Austria, 17 - 22 April 2016
- LIV. **Effects of Bathymetry on Amplification of Long Waves Generated by Atmospheric Pressure Differences**
metin d., Pelinovsky E., Zaytsev A., TARAKCIOĞLU G., YALÇINER A. C.
EGU, 17 - 22 April 2016
- LV. **Effects of Shelves on Amplification of Long Waves Generated by Atmospheric Pressure Differences**
METİN D., YALÇINER A. C., ÖZYURT G., ZAYTSEV A.
EGU GENERAL ASSEMBLY 2016, 17 - 22 April 2016
- LVI. **Performance Statistical Temporal Downscaling Techniques of Wind Speed Data Over Aegean Sea**
GÜLER H. G., BAYKAL C., ÖZYURT G., KISACIK D.
European Geosciences Union General Assembly 2016, 17 - 22 April 2016
- LVII. **Effects of Deep Water Source Sink Terms in 3rd generation Wave Model SWAN using different wind data in Black Sea**
KİREZCİ Ç., ÖZYURT G.
EGU GENERAL ASSEMBLY 2016, 17 - 22 April 2016
- LVIII. **Generation and Propagation of Long Waves due to Spatial and Temporal Pressure Distributions**
METİN D., YALÇINER A. C., ÖZYURT TARAKCIOĞLU G., ZAYTSEV A.
AMERICAN GEOPHYSICAL UNION 2015 FALL MEETING, 14 - 20 December 2015
- LIX. **Investigation on Hydrodynamic Flow Conditions at the Manavgat River Mouth in Combined Flooding of River Surface Runoff and Storm Surge**
Demirci E., BAYKAL C., ÖZYURT G., Söğüt E.
55th Conference of Estuarine Coastal Sciences Association, Londrina, United Kingdom, 6 - 09 September 2015
- LX. **Observations of Extreme Waves at South Coast of Black Sea**
TARAKCIOĞLU G., KİREZCİ Ç., GÜLER H. G., BAYKAL C., YALÇINER A. C., PELINOVSKY E., KURKIN A., ZAYTSEV A.
26th IUGG GENERAL ASSEMBLY 2015 PRAG, 22 June - 02 July 2015
- LXI. **Modelling long term morphological changes with XBeach case study of Kizilirmak River mouth**
BAYKAL C., Ergin A., Güler I., ÖZYURT G., Söğüt E., GÜLER H. G., Doğan G. G.
European Geosciences Union General Assembly 2015, Viyana, Austria, 12 - 17 April 2015
- LXII. **Recent Extreme Marine Events at Southern Coast of Black Sea**
TARAKCIOĞLU G., YALÇINER A. C., KİREZCİ Ç., BAYKAL C., GÜLER H. G., EROL O., ZAYTSEV A., KURKIN A.

EUROPEAN DEOSCIENCE UNION 201 General Assembly Vienna, 12 - 17 April 2015

LXIII. Comparison of Wave Models in Black Sea

ÖZYURT G., Çağıl K.

11th UK Young Coastal Scientists and Engineers Conference, 22 - 24 March 2015

LXIV. Failure Mechanisms of Coastal Protection Structures under Tsunamis

ÖZYURT G., Doğan G. G.

11th UK Young Coastal Scientist and Engineers Conference, 22 - 24 March 2015

LXV. Tasarım Derinliğinin Taş Dolgu Dalgakıranların Tasarımına Etkisi

GÜLER H. G., Ergin A., BAYKAL C., ÖZYURT G., Güler I.

8. Ulusal Kıyı Mühendisliği Sempozyumu, İstanbul, Turkey, 7 - 09 November 2014

LXVI. Sarıgerme Bölgesinde Oluşan Hortum ve Bölgeye Etkileri

GÜLER H. G., BAYKAL C., YALÇINER A. C., Ayşen E., ÖZYURT G., Güler I.

8. Ulusal Kıyı Mühendisliği Sempozyumu, İstanbul, Turkey, 7 - 09 November 2014

LXVII. A comparative study on the stability formulas of rubble mound breakwaters

Guler H. G., ERGİN A., ÖZYURT TARAKCIOĞLU G.

34th International Conference on Coastal Engineering, ICCE 2014, Seoul, South Korea, 15 - 20 June 2014, vol.2014-January

LXVIII. Wave transmission study through two row piled breakwaters

Bilici C., ERGİN A., ÖZYURT TARAKCIOĞLU G.

34th International Conference on Coastal Engineering, ICCE 2014, Seoul, South Korea, 15 - 20 June 2014, vol.2014-January

LXIX. 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

LXX. Coastal vulnerability assessment to sea level rise integrated with analytical hierarchy process

Özyurt G., ERGİN A., BAYKAL C.

32nd International Conference on Coastal Engineering, ICCE 2010, Shanghai, China, 30 June - 05 July 2010

LXXI. Fuzzy Vulnerability Assessment of Coastal Areas To Sea Level Rise

ÖZYURT G., Ergin A., BAYKAL C.

32nd International Conference on Coastal Engineering, Şangay, China, 30 June - 05 July 2010, vol.1

LXXII. Modeling and visualization of tsunamis: Mediterranean examples

YALÇINER A. C., Pelinovsky E., Zaitsev A., Kurkin A., Ozer C., Karakus H., Ozvurt G.

International Meeting on Tsunami and Nonlinear Waves, Calcutta, India, 6 - 10 March 2006, pp.273-276

Supported Projects

2022 - 2025	İzmir Körfezi Kıyı Koruma Yapılarının Ve Kıyı Alanlarının İklim Değişikliği Ve Deniz Seviyesi Yükselmesine Karşı Dayanıklılığı, TUBITAK Project
2022 - 2025	Taş Dolgu Dalgakıranlarda Kullanılan Farklı Ünitelerin Ve Dizilimlerin Dalga Aşmasına Ve Kronman Duvarlara Etkiyen Kuvvetlere Etkisinin Modellenmesi, TUBITAK Project
2022 - 2024	Kıyı Alanları Yönetimi Yasal Düzenlemeleri Açısından Kıyı Alanları Doğal Ve İnsan Kullanımı Ve Kırılabilirliğinin Bütünleşik Değerlendirilmesi, TÜBİTAK International Bilateral Joint Cooperation Program Project
2017 - 2022	Eymir Gölü taşıma kapasitesi ve ziyaretçi yönetim modeli, Project Supported by Higher Education Institutions
2015 - 2021	İzmir İç Körfezde yaşanan fırtına taşkınlarının araştırılması ve taşkınların önlenmesi için bir öneri: Durgun Dalga Havuzu modeli, Project Supported by Higher Education Institutions
2016 - 2018	Nehir Deniz Etkileşiminde Kısa Süreli Sediment Form Oluşumlarının Değerlendirilmesi Gediz ve Büyük Menderes Örnekleri. 115Y722, TUBITAK Project

Scientific Refereeing

April 2022

REGIONAL STUDIES IN MARINE SCIENCE, Journal Indexed in SCIE

Metrics

Publication: 95

Citation (WoS): 220

Citation (Scopus): 245

H-Index (WoS): 6

H-Index (Scopus): 7