

## Prof. AYŞEN ERGİN

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Publons / Web Of Science ResearcherID: AAP-7372-2021

ScopusID: 7005114648

### Advising Theses

ÖZYURT TARAKCIOĞLU G., ERGİN A., Evaluation of extreme wave statistics by using two wind data sets for Western Black Sea Region in Turkey /, Postgraduate, C.Onur(Student), 2014

ERGİN A., Comparison of wind and wave sources for turkish coasts, Doctorate, M.Esen(Student), 2014

ERGİN A., Experimental and numerical studies on block type quay walls under dynamic loading, Doctorate, H.Karakuş(Student), 2013

ERGİN A., Two-dimensional depth-averaged beach evolution modelling, Doctorate, C.Baykal(Student), 2012

ERGİN A., Maritime accidents forecast model for bosphorus, Doctorate, A.Küçükosmanoğlu(Student), 2012

ERGİN A., GÜLER I., Statistical and spatial approaches to marina master plan for Turkey, Postgraduate, A.Karancı(Student), 2011

ERGİN A., Development of a stability analysis program for block type quay walls and comparison of block placing methods, Postgraduate, C.Nergiz(Student), 2010

ERGİN A., Fuzzy vulnerability assessment model of coastal areas to sea level rise, Doctorate, G.Özyurt(Student), 2010

ERGİN A., Reliability-based design model for rubble-mound coastal defense structures, Doctorate, G.Arıkan(Student), 2010

ERGİN A., An experimental study on the performance of box type floating breakwaters with screens, Postgraduate, M.Onur(Student), 2008

ERGİN A., An implicit one-line numerical model on longshore sediment transport, Postgraduate, M.Esen(Student), 2007

ERGİN A., Vulnerability of coastal areas to sea level rise : a case study on Goksu Delta, Postgraduate, G.Öyurt(Student), 2007

ERGİN A., New seismic design approaches for block type quay walls, Postgraduate, H.Karakuş(Student), 2007

ERGİN A., Numerical modeling of wind wave induced longshore sediment transport, Postgraduate, I.Şafak(Student), 2006

ERGİN A., A one-line numerical model for shoreline evolution under the interaction of wind waves and offshore breakwaters, Postgraduate, S.Serkan(Student), 2006

ERGİN A., Effect of wave grouping, spectral shape and extreme waves in a wave train on the stability of rubble mound breakwaters, Doctorate, B.Özbahçeci(Student), 2004

ERGİN A., Coastal scenic evaluation, a pilot study for Çıralı, Postgraduate, E.Gezer(Student), 2004

ERGİN A., Evaluation of coastal scenic assesment parameters : pilot study for selected coastal area Antalya/Konyaaltı beach, Postgraduate, D.Çakır(Student), 2004

ERGİN A., Coastal scenic assesment using fuzzy logic approach, Postgraduate, S.Tansel(Student), 2004

ERGİN A., Coastal scenic evaluation by application of fuzzy logic mathematics, Postgraduate, B.Uçar(Student), 2004

ERGİN A., Tsunami risk assessment of Esenköy Fishery Harbor breakwater, Postgraduate, M.Alimoğlu(Student), 2003

ERGİN A., Risk assessment of vertical wall breakwaters using sliding and overtuning design criteria for breaking waves,

Postgraduate, F.İçmeli(Student), 2001  
ERGİN A., A statistical litter assessment and beach grading survey at selected beaches, Postgraduate, D.Demirci(Student), 2001  
ERGİN A., Risk assesment of vertical wall breakwaters using sliding and overturning design criteria, Postgraduate, D.Keskin(Student), 2000  
ERGİN A., YALÇINER A. C., Comparison of two different placement patterns of tetrapod armoured breakwaters, Postgraduate, B.Karakaş(Student), 1999  
ERGİN A., A Reliability-based risk assessment model for coastal project, Doctorate, C.Elmar(Student), 1998  
ERGİN A., YALÇINER A. C., A 3D experimental study on the stability coefficients for breakwaters armoured with antifer blocks under breaking waves., Postgraduate, H.Yüncü(Student), 1998  
YALÇINER A. C., ERGİN A., Port parameters and optimization: case studies, Postgraduate, C.Yenel(Student), 1997  
YALÇINER A. C., ERGİN A., A 3D experimental study on the stability coefficients for breakwaters armored with concrete cubes, Postgraduate, C.Armağan(Student), 1997  
ERGİN A., YALÇINER A. C., An experimental investigation on the design of toe protection in front of vertical sea walls, Postgraduate, U.Cengiz(Student), 1997  
ERGİN A., A computer simulation model for seaport planning., Doctorate, I.Güler(Student), 1996  
ERGİN A., YALÇINER A. C., An investigation on damage coefficient of rubble mound breakwaters, Postgraduate, K.Ravakhah(Student), 1995  
ERGİN A., Cost analysis for seaport, Postgraduate, K.Yalçındağ(Student), 1994  
ERGİN A., Computer simulation model for a container terminal., Postgraduate, T.Bakalım(Student), 1993  
ERGİN A., Dynamic stability of rubble-mound breakwaters, Postgraduate, H.Cemal(Student), 1990

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

- I. **In loving memory of Prof. A.T. Williams: A life dedicated to Coastal Geomorphology, Conservation and Management**  
Gracia C. A., Cooper A., Short A., Micallef A., ERGİN A., Pereira da Silva C., House C., Pranzini E., van der Meulen F., Orford J., et al.  
Ocean and Coastal Management, vol.240, 2023 (SCI-Expanded)
- II. **Coastal Scenery Assessment by Means of a Fuzzy Logic Approach**  
ERGİN A.  
COASTAL SCENERY: EVALUATION AND MANAGEMENT, vol.26, pp.67-106, 2019 (SCI-Expanded)
- III. **Coastal Scenery: An Introduction**  
Rangel-Buitrago N., Williams A. T., ERGİN A., Anfuso G., Micallef A., Pranzini E.  
COASTAL SCENERY: EVALUATION AND MANAGEMENT, vol.26, pp.1-16, 2019 (SCI-Expanded)
- IV. **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)
- V. **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)
- VI. **Assessing and managing scenery of the Caribbean Coast of Colombia**  
Rangel-Buitrago N., Correa I. D., Anfuso G., ERGİN A., Williams A. T.  
TOURISM MANAGEMENT, vol.35, pp.41-58, 2013 (SSCI)
- VII. **A Quantitative Study for Evaluation of Coastal Scenery**  
ERGİN A., KARAESMEN E., Ucar B.  
JOURNAL OF COASTAL RESEARCH, vol.27, no.6, pp.1065-1075, 2011 (SCI-Expanded)
- VIII. **Evaluating coastal scenery using fuzzy logic: Application at selected sites in Western Black Sea coastal region of Turkey**

ERGİN A., ÖZÖLÇER İ. H., Sahin F.

OCEAN ENGINEERING, vol.37, no.7, pp.583-591, 2010 (SCI-Expanded)

- IX. **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)
- X. **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)
- XI. **Design weight of armour stone considering the effect of extreme waves**  
Ozbahceci B. O., ERGİN A.  
OCEAN ENGINEERING, vol.35, pp.393-399, 2008 (SCI-Expanded)
- XII. **Coastal scenic evaluation: A study of some dalmatian (Croatia) areas**  
ERGİN A., Karakaya T., Micallef A., Radic M., Williams A. T.  
JOURNAL OF COASTAL RESEARCH, pp.898-902, 2006 (SCI-Expanded)
- XIII. **Litter categorization of beaches in wales, UK by multi-layer neural networks**  
BALAS C. E., Williams A. T., ERGİN A., Koc M. L.  
JOURNAL OF COASTAL RESEARCH, pp.1515-1519, 2006 (SCI-Expanded)
- XIV. **Performance of perforated breakwaters constructed with geotextile tubes**  
YALÇINER A. C., ERGİN A., Pamukcu S., Derun B. A.  
JOURNAL OF COASTAL RESEARCH, pp.750-753, 2006 (SCI-Expanded)
- XV. **Damage risk assessment of breakwaters under tsunami attack**  
Ergin A., Balas C. E.  
NATURAL HAZARDS, vol.39, no.2, pp.231-243, 2006 (SCI-Expanded)
- XVI. **Reliability-Based Risk Assessment of Rubble Mound Breakwaters Under Tsunami Attack**  
ERGİN A., BALAS C. E.  
JOURNAL OF COASTAL RESEARCH, pp.266-272, 2002 (SCI-Expanded)
- XVII. **The use of multivariate statistical techniques to establish beach debris pollution sources**  
Tudor D. T., Williams A. T., Randerson P., ERGİN A., Earll R. E.  
JOURNAL OF COASTAL RESEARCH, pp.716-725, 2002 (SCI-Expanded)
- XVIII. **The Effect of the Use of Wave Data for the Numerical Simulation of Shoreline Evaluation**  
Guler I., ERGİN A., YALÇINER A. C.  
JOURNAL OF COASTAL RESEARCH, pp.195-200, 1998 (SCI-Expanded)
- XIX. **Rubble-mound breakwaters with S-shape design**  
Ergin A., Gunbak A. R., Yanmaz A. M.  
Journal of Waterway, Port, Coastal and Ocean Engineering, vol.115, pp.579-593, 1989 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Economic analysis in port planning by computer simulation**  
ERGİN A., YALÇINER A. C.  
Doga, Turkish Journal of Engineering & Environmental Sciences, vol.15, no.3, pp.247-258, 1991 (Scopus)

## 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,

## Refereed Congress / Symposium Publications in Proceedings

- I. **DÜZENLİ DALGALARIN İLERLEYİŞİNİN BENZETİMİNDE SWASH SAYISAL MODELİNİN PERFORMANSININ DEĞERLENDİRİLMESİ**  
GÜLER H. G., IŞIK E., SHARGHIVAND N., GÖRAL K. D., BAYKAL C., GÜLER I., ERGİN A.  
İMO 9. Ulusal Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018
- II. **KIYI ALANLARININ BULANIK MANTIK YÖNTEMİYLE DEĞERLENDİRİLMESİ İÇİN AÇIK KAYNAK KODLU HESAPLAMA ARACI GELİŞTİRİLMESİ**  
ERGİN A., KARAESMEN E., GÜLER H. G.  
İMO 9. Ulusal Kıyı Mühendisliği Sempozyumu, Adana, Turkey, 1 - 03 November 2018
- III. **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
- IV. **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
- V. **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
- VI. **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
- VII. **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
- VIII. **Coastal Scenic Evaluation, Nador Province, Morocco**  
Williams A. T., ERGİN A., Stepanova K., Khattabi A.  
Global Congress on Integrated Coastal Management (ICM) - Lessons Learned to Address New Challenges, Marmaris, Turkey, 30 October - 03 November 2013, pp.351-362
- IX. **Demand forecasting for yacht tourism planning in Turkey**  
KARANCI A. N., Guler I., ERGİN A., YALÇINER A. C.  
2011 Conference on Coastal Engineering Practice, San Diego, CA, United States Of America, 21 - 24 August 2011, pp.1078-1087
- X. **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

## Metrics

Publication: 47

Citation (WoS): 352

Citation (Scopus): 225

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H-Index (Scopus): 6