

## Prof. AHMET CEVDET YALÇINER

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAQ-4469-2020

ScopusID: 6603047851

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### Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1982 - 1989

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1979 - 1982

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1975 - 1979

### Dissertations

Doctorate, Transmission and reflection of solitary waves from vertical porous structures, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1989

Postgraduate, Overtopping of Solitary waves over sea dykes, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1982

### Research Areas

Civil Engineering, Engineering and Technology

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2009 - Continues

### Advising Theses

YALÇINER A. C., Modelling of tropical cyclones and applications to Mediterranean sea, Postgraduate,

A.DEVRAN(Student), 2022

YALÇINER A. C., COMPARISON OF NUMERICAL MODELS AND APPLICATION TO TROPICAL CYCLONE DORIAN, Postgraduate, G.ÖMEROĞLU(Student), 2021

BAYKAL C., YALÇINER A. C., Physical modeling of solid spheres' motion under solitary wave attack, Postgraduate, K.Deniz(Student), 2020

YALÇINER A. C., Assessment of different hazards and vulnerabilities with sparse data in coastal city of Karachi, Pakistan, Postgraduate, J.Ahmed(Student), 2020

YALÇINER A. C., Developing fragility functions for marine vessels from field survey in Gumbet bay after 20 July 2017 Bodrum-Kos tsunami, Postgraduate, M.Bilgin(Student), 2019

Yalçiner A. C., Baykal C., 3-Dimensional Numerical Circulation Modeling: A Case Study On The Coastal Processes In Gocek And Fethiye Bays, Turkey, Postgraduate, İ.Akdeniz(Student), 2018

BAYKAL C., YALÇINER A. C., Comparison of 2d and 3d models in application to long wave motion and its interaction with a vertical wall, Postgraduate, G.EZGİ(Student), 2018

YALÇINER A. C., 3-dimensional numerical circulation modeling: A case study on the coastal processes in Göcek and Fethiye bays, Postgraduate, İ.GÜREL(Student), 2018

YALÇINER A. C., Advanced two- and three-dimensional tsunami models: Benchmarking and validation, Doctorate, D.VELİOĞLU(Student), 2017

YALÇINER A. C., Comparison of different armour units of coastal structures in Rize-Artvin Airport under overtopping and stability conditions, Postgraduate, A.UĞURLU(Student), 2017

ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Surge and coastal inundation study of September 2014 storm in Giresun, Black Sea, Postgraduate, D.CAN(Student), 2016

SÜZEN M. L., YALÇINER A. C., Tsunami risk assessment using GIS-based multi criteria decision analysis at Bakırköy, İstanbul, Postgraduate, D.TÜFEKÇİ(Student), 2016

ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Long waves generation and coastal amplification due to atmospheric pressure disturbances, Postgraduate, A.DUHA(Student), 2016

YALÇINER A. C., Assessment of tsunami resilience of ports by high resolution numerical modeling: A case study for Haydarpaşa Port in the sea of Marmara, Postgraduate, B.AYTÖRE(Student), 2015

YALÇINER A. C., Tsunami induced wave and current amplification and sedimentation in closed basins, Doctorate, R.Kian(Student), 2015

YALÇINER A. C., Tsunami hazard analysis for Güllük Bay, Postgraduate, S.ACAR(Student), 2015

ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Evaluation of wave statistics by using two wind data sets for Mediterranean Sea Region in Turkey, Postgraduate, Ç.POLAT(Student), 2015

YALÇINER A. C., Modelling of long wave propagation using the radial basis function collocation method, Doctorate, C.GÜNGÖR(Student), 2015

SÜZEN M. L., YALÇINER A. C., High resolution tsunami vulnerability assessment by GIS-based multicriteria decision making analysis at Yenikapı-Istanbul, Postgraduate, Z.CEREN(Student), 2015

SÜZEN M. L., YALÇINER A. C., High resolution tsunami vulnerability assessment by GISbased multicriteria decision making analysis at Yenikapı İstanbul, Postgraduate, Z.Ceren(Student), 2015

ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Assessment of sea level rise for coastal zone management: vulnerability of Fethiye Bay /, Postgraduate, A.Damla(Student), 2014

YALÇINER A. C., A comparative study on the design of rubble mound breakwaters, Postgraduate, H.GÖKHAN(Student), 2014

ÖZYURT TARAKCIOĞLU G., YALÇINER A. C., Assessment of sea level rise for coastal zone management: Vulnerability of Fethiye Bay, Postgraduate, A.DAMLA(Student), 2014

YALÇINER A. C., Assessment of inland tsunami parameters and their effects on morphology /, Postgraduate, A.PAMUK(Student), 2014

YALÇINER A. C., Modelling long term morphological change using Xbeach, Postgraduate, E.SÖĞÜT(Student), 2014

YALÇINER A. C., A model study on wave transmission through pile breakwaters, Postgraduate, Ç.BİLİCİ(Student), 2014

YALÇINER A. C., GÜLER İ., Modeling of continuous dredge disposal to form a natural life island in the gulf of İzmir /, Postgraduate, G.Ertek(Student), 2014

YALÇINER A. C., Database development for tsunami information system /, Postgraduate, K.KAAN(Student), 2014

YALÇINER A. C., Modeling of continuous dredge disposal to form a natural life island in the Gulf of Izmir, Postgraduate, G.ERTEK(Student), 2014

YALÇINER A. C., Tsunami hydrodynamics in coastal zones, Doctorate, C.ÖZER(Student), 2012

YALÇINER A. C., Comparison of dispersive and non-dispersive numerical long wave models and harbor agitation, Postgraduate, A.ÖZBAY(Student), 2012

YALÇINER A. C., Long waves in narrow enclosed basins, Postgraduate, O.BARAN(Student), 2012

YALÇINER A. C., Comparison of dispersive and non-dispersive numerical long wave models and harbor agitation, Postgraduate, A.Özbay(Student), 2012

YALÇINER A. C., Development of a Web GIS-based tsunami inundation mapping service; a case study for marmara sea region, Postgraduate, A.AYÇA(Student), 2012

YALÇINER A. C., Water circulation and yacht carrying capacity of Fethiye Bay, Postgraduate, M.DZABİC(Student), 2012

YALÇINER A. C., Development of a Web GIS tsunami inundation mapping service, Postgraduate, A.Ayça(Student), 2012

YALÇINER A. C., Database development for tsunami warning system in Mediterranean basin by tsunami modeling, Postgraduate, Y.ONAT(Student), 2011

YALÇINER A. C., Wind-induced circulation and sediment transport in semi-enclosed basins; case study for Fethiye Bay, Doctorate, S.AKBAŞOĞLU(Student), 2011

YALÇINER A. C., Wind-induced circulation and sediment transport in semi-enclosed basins: case study for Fethiye bay, Doctorate, S.Akbaşoğlu(Student), 2011

YALÇINER A. C., A model study on the stability of rubble mound coastal defense structure, Postgraduate, K.CİHAN(Student), 2011

Uzun C. N., Yalçiner A. C., Urban coastal settlements: Implementation of a coastal area assessment model in Iskenderun case, Doctorate, B.ÇAKIR(Student), 2010

YALÇINER A. C., Evaluation and comparison of the wave energy potential in selected coastal regions in Turkey, Postgraduate, Ç.Duman(Student), 2010

YALÇINER A. C., Transoceanic propagation of sumatra tsunamis and their effects on Maldives islands, Postgraduate, H.KOYUNCU(Student), 2010

YALÇINER A. C., Evaluation and comparison of the wave energy potential in selected coastal regions in Turkey, Postgraduate, Ç.DUMAN(Student), 2010

YALÇINER A. C., GIS based tsunami inundation maps; case studies from Mediterranean, Postgraduate, D.ITIR(Student), 2009

YALÇINER A. C., The effects of the material density and dimensions of the landslide on the generated tsunamis, Postgraduate, I.İNSEL(Student), 2009

YALÇINER A. C., Wind and wind wave climate for Turkish coast and application to Aegean and Mediterranean sea, Postgraduate, S.Aldoğan(Student), 2008

YALÇINER A. C., Wind and wind wave climate for Turkish coast and application to Aegean and the Mediterranean sea, Postgraduate, S.ALDOĞAN(Student), 2008

YALÇINER A. C., Wind and wave climate in eastern Mediterranean basin, Postgraduate, A.UMUD(Student), 2008

YALÇINER A. C., Wind and wind wave climate research along the southern part of Black Sea, Postgraduate, S.ÇABAN(Student), 2007

YALÇINER A. C., Wind and swell wave climate for the southern part of Black Sea, Postgraduate, U.BERKÜN(Student), 2007

YALÇINER A. C., Wind and swell wave climate for Turkish coasts of the Aegean and Mediterranean sea, Postgraduate, S.KEMAL(Student), 2007

YALÇINER A. C., Land use optimization for improved transportation system performance, case study : Ankara, Postgraduate, C.Özer(Student), 2007

YALÇINER A. C., Wind and swell wave climate for the southern part of Black Sea, Postgraduate, U.Berkün(Student), 2007

YALÇINER A. C., Wind and swell wave climate for Turkish coast of The Aegean and Mediterranean Sea, Postgraduate, S.Kemal(Student), 2007

YALÇINER A. C., Investigation of hydrodynamic demands of tsunamis in inundation zone, Postgraduate, C.ÖZER(Student), 2007

YALÇINER A. C., Numerical modeling of wave diffraction in one-dimensional shoreline change model, Postgraduate,

C.BAYKAL(Student), 2006

YALÇINER A. C., A case study on the stability of berm type coastal defense structures, Postgraduate, G.FIŞKIN(Student), 2004

YALÇINER A. C., A case study on the submerged berm type coastal defense structures, Postgraduate, B.ÖZLER(Student), 2004

YALÇINER A. C., An experimental study on the stability of Eastern Black Sea Coastal Highway defense structures, Postgraduate, M.RIFAT(Student), 2003

YALÇINER A. C., An economical analysis of alternative Eastern Black Sea Coastal Highway defense structures, Postgraduate, U.İNANÇ(Student), 2003

YALÇINER A. C., A study for the development of seismic design specifications for coastal structures, Postgraduate, E.GÖZPINAR(Student), 2003

YALÇINER A. C., Comparison of analytical and numerical approaches for long wave runup., Postgraduate, E.DEMİRBAŞ(Student), 2002

YALÇINER A. C., A study on the coastal amplification of tsunamis near Southwestern Turkey., Postgraduate, B.Haboğlu(Student), 2002

YALÇINER A. C., A Study on the coastal amplification of tsunamis near southwestern Turkey, Postgraduate, B.HABOĞLU(Student), 2002

YALÇINER A. C., Tsunami propagation related to offshore subsidences, Postgraduate, R.ESRA(Student), 2001

YALÇINER A. C., Two-layer numerical model for Tsunami generation and propagation, Postgraduate, İ.ÖZBAY(Student), 2000

YALÇINER A. C., Long wave transformation and resonance study for the closed basins, Postgraduate, M.CAN(Student), 2000

YALÇINER A. C., Underwater survey and archaeometrical analysis on coastal archaeology along the mediterranean coasts of Anatolia, Postgraduate, V.EVRİN(Student), 2000

YALÇINER A. C., Comparison of stability of two and three layers antifer armoured breakwaters, Postgraduate, O.PULULAR(Student), 1999

ERGİN A., YALÇINER A. C., Comparison of two different placement patterns of tetrapod armoured breakwaters, Postgraduate, B.Karakaş(Student), 1999

YALÇINER A. C., Transmission of waves through the breakwaters constructed with geotekstil tu bes, Postgraduate, S.PAMUKÇU(Student), 1999

YALÇINER A. C., Application of numerical model for tsunami propagation to the Turkish coasts from Fethiye to Datça, Postgraduate, Ö.DURMUŞOĞLU(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., A 3D experimental study on the stability coefficients for breakwaters armoured with antifer blocks under nonbreaking waves., Postgraduate, İ.ÇAĞLAR(Student), 1998

YALÇINER A. C., The Propagation of long waves in closed basins, Postgraduate, C.Doğanay(Student), 1998

YALÇINER A. C., Numerical method for determination of periods of free oscillations of basins for earthquake induced waves, Postgraduate, Y.ÇAKIROĞLU(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

YALÇINER A. C., Numerical method for determination of the periods of free oscillations of basins for earthquake induced waves, Postgraduate, Y.Çakiroğlu(Student), 1997

YALÇINER A. C., ERGİN A., Port parameters and optimization: case studies, Postgraduate, C.Yenel(Student), 1997

YALÇINER A. C., Computer aided design for sea outfalls, Postgraduate, O.YÖNEY(Student), 1996

ERGİN A., YALÇINER A. C., An investigation on damage coefficient of rubble mound breakwaters, Postgraduate, K.Ravakhah(Student), 1995

YALÇINER A. C., Reflection of solitary waves from porous structures with an impervious barrier behind, Postgraduate, A.ÖZAĞAÇ(Student), 1995

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

- I. **Pedestrian evacuation time calculation against tsunami hazard for southern coasts of Bodrum peninsula**  
Celikbas B., TÜFEKÇİ ENGİNAR D., Dogan G. G., KOLAT Ç., Santini M., Annunziato A., Necmioglu O., YALÇINER A. C., SÜZEN M. L.  
Natural Hazards, vol.119, no.1, pp.243-260, 2023 (SCI-Expanded)
- II. **Scenario-based tsunami hazard assessment for the northwestern coast of Marmara Sea**  
Aykurt Vardar H., Dogan G. G., VARDAR D., Alpar B., ALP H., Demirel S., YALÇINER A. C.  
Geo-Marine Letters, vol.43, no.3, 2023 (SCI-Expanded)
- III. **Global propagation of air pressure waves and consequent ocean waves due to the January 2022 Hunga Tonga-Hunga Ha'apai eruption**  
Dogan G. G., YALÇINER A. C., Annunziato A., YALÇINER B., Necmioglu O.  
Ocean Engineering, vol.267, 2023 (SCI-Expanded)
- IV. **Performance analysis of open-source DEMs in tsunami inundation modelling**  
TÜFEKÇİ ENGİNAR D., Dogan G. G., SÜZEN M. L., YALÇINER A. C.  
EARTH SCIENCE INFORMATICS, vol.15, no.4, pp.2447-2466, 2022 (SCI-Expanded)
- V. **Towards the new Thematic Core Service Tsunami within the EPOS Research Infrastructure**  
Babeyko A., Lorito S., Hernandez F., Lauterjung J., Løvholt F., Rudloff A., Sørensen M., Androsov A., Aniel-Quiroga I., Armigliato A., et al.  
Annals of Geophysics, vol.65, no.2, 2022 (SCI-Expanded)
- VI. **An experimental study on the motion of solid spheres under solitary wave attack**  
Goral K. D., Güler H. G., Baykal C., Yalçiner A. C.  
OCEAN ENGINEERING, vol.240, 2021 (SCI-Expanded)
- VII. **Long Tsunami Oscillations Following the 30 October 2020 Mw 7.0 Aegean Sea Earthquake: Observations and Modelling**  
Heidarzadeh M., Pranantyo I. R., Okuwaki R., Dogan G. G., YALÇINER A. C.  
Pure and Applied Geophysics, vol.178, no.5, pp.1531-1548, 2021 (SCI-Expanded)
- VIII. **The Making of the NEAM Tsunami Hazard Model 2018 (NEAMTHM18)**  
Basili R., Brizuela B., Herrero A., Iqbal S., Lorito S., Maesano F. E., Murphy S., Perfetti P., Romano F., Scala A., et al.  
FRONTIERS IN EARTH SCIENCE, vol.8, 2021 (SCI-Expanded)
- IX. **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)
- X. **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)
- XI. **The evaluation of public awareness and community preparedness parameter in GIS-based spatial tsunami human vulnerability assessment (MeTHuVA)**  
Tüfekçi Enginar D., Süzen M. L., Yalçiner A. C.  
NATURAL HAZARDS, vol.105, no.3, pp.2639-2658, 2021 (SCI-Expanded)
- XII. **Numerical Simulations of December 22, 2018 Anak Krakatau Tsunami and Examination of Possible Submarine Landslide Scenarios**  
Dogan G. G., Annunziato A., Hidayat R., Husrin S., Prasetya G., Kongko W., Zaytsev A., Pelinovsky E., Imamura F., YALÇINER A. C.  
PURE AND APPLIED GEOPHYSICS, vol.178, no.1, pp.1-20, 2021 (SCI-Expanded)
- XIII. **Tsunami Hazard Assessment on the Egyptian Coast of the Mediterranean**  
Zaytsev A. I., Babeyko A. Y., Kurkin A. A., Yalçiner A. C., Pelinovsky E. N.  
IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS, vol.55, no.5, pp.462-469, 2019 (SCI-Expanded)

- XIV. **Performance Comparison of NAMI DANCE and FLOW-3D((R)) Models in Tsunami Propagation, Inundation and Currents using NTHMP Benchmark Problems**  
Sogut D. V., YALÇINER A. C.  
PURE AND APPLIED GEOPHYSICS, vol.176, no.7, pp.3115-3153, 2019 (SCI-Expanded)
- XV. **The 20th July 2017 Bodrum-Kos Tsunami Field Survey**  
Dogan G. G., Annunziato A., Papadopoulos G. A., GÜLER H. G., YALÇINER A. C., Cakir T. E., Sozdinler C. O., ULUTAŞ E., Arikawa T., SÜZEN M. L., et al.  
PURE AND APPLIED GEOPHYSICS, vol.176, no.7, pp.2925-2949, 2019 (SCI-Expanded)
- XVI. **Generation of the 2018 Tsunami on Sulawesi Island: Possible Sources**  
Zaytsev A. I., Pelinovsky E. N., Yalciiner A. C., Susmoro H., Prasetya G., Hidayat R., Dolgikh G. I., Dolgikh S. G., Kurkin A. A., Dogan G., et al.  
DOKLADY EARTH SCIENCES, vol.486, no.1, pp.588-592, 2019 (SCI-Expanded)
- XVII. **A numerical and experimental study of local hydrodynamics due to interactions between a solitary wave and an impervious structure**  
Arabi M. G., Sogut D. V., Khosronejad A., YALÇINER A. C., Farhadzadeh A.  
COASTAL ENGINEERING, vol.147, pp.43-62, 2019 (SCI-Expanded)
- XVIII. **The September 28th, 2018, Tsunami In Palu-Sulawesi, Indonesia: A Post-Event Field Survey**  
Omira R., Dogan G. G., Hidayat R., Husrin S., Prasetya G., Annunziato A., Proietti C., Probst P., Paparo M. A., Wronna M., et al.  
PURE AND APPLIED GEOPHYSICS, vol.176, no.4, pp.1379-1395, 2019 (SCI-Expanded)
- XIX. **Capturing Physical Dispersion Using a Nonlinear Shallow Water Model**  
Kian R., Horrillo J., Zaytsev A., Yalciiner A. C.  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.6, no.3, 2018 (SCI-Expanded)
- XX. **Structural and Non-Structural Countermeasures and Awareness Studies After the Tsunami Disaster: Case of Japan**  
GÜLER H. G., Ozer Sozdinler C., Arikawa T., YALÇINER A. C.  
TEKNIK DERGI, vol.29, no.5, pp.8605-8629, 2018 (SCI-Expanded)
- XXI. **Numerical assessment of tsunami attack on a rubble mound breakwater using OpenFOAM (R)**  
GÜLER H. G., BAYKAL C., Arikawa T., YALÇINER A. C.  
APPLIED OCEAN RESEARCH, vol.72, pp.76-91, 2018 (SCI-Expanded)
- XXII. **Revised MeTHuVA method for assessment of tsunami human vulnerability of Bakirkoy district, Istanbul**  
Tufekci D., SÜZEN M. L., YALÇINER A. C., Zaytsev A.  
NATURAL HAZARDS, vol.90, no.2, pp.943-974, 2018 (SCI-Expanded)
- XXIII. **Inter-model analysis of tsunami-induced coastal currents**  
Lynett P. J., Gately K., Wilson R., Montoya L., Arcas D., Aytore B., Bai Y., Bricker J. D., Castro M. J., Cheung K. F., et al.  
OCEAN MODELLING, vol.114, pp.14-32, 2017 (SCI-Expanded)
- XXIV. **Possible worst-case tsunami scenarios around the Marmara Sea from combined earthquake and landslide sources**  
Latcharote P., Suppasri A., Imamura F., Aytore B., YALÇINER A. C.  
PURE AND APPLIED GEOPHYSICS, vol.173, no.12, pp.3823-3846, 2016 (SCI-Expanded)
- XXV. **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)
- XXVI. **Performance Assessment of NAMI DANCE in Tsunami Evolution and Currents Using a Benchmark Problem**  
Velioglu D., Kian R., YALÇINER A. C., Zaytsev A.  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.4, no.3, 2016 (SCI-Expanded)
- XXVII. **Effects of Harbor Shape on the Induced Sedimentation; L-Type Basin**

- Kian R., Velioglu D., YALÇINER A. C., Zaytsev A.  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.4, no.3, 2016 (SCI-Expanded)
- XXVIII. **Assessment of tsunami resilience of Haydarpasa Port in the Sea of Marmara by high-resolution numerical modeling**  
AYTÖRE B., YALÇINER A. C., Zaytsev A., ÇANKAYA Z. C., Suzen M. L.  
EARTH PLANETS AND SPACE, vol.68, 2016 (SCI-Expanded)
- XXIX. **A new GIS-based tsunami risk evaluation: MeTHuVA (METU tsunami human vulnerability assessment) at Yenikapi, Istanbul**  
ÇANKAYA Z. C., SÜZEN M. L., YALÇINER A. C., KOLAT C., Zaytsev A., AYTÖRE B.  
EARTH PLANETS AND SPACE, vol.68, 2016 (SCI-Expanded)
- XXX. **The possibility of tsunami in the Sea of Okhotsk caused by deep-focus earthquakes**  
Zaytsev A. I., Pelinovsky E. N., Kurkin A. A., Kostenko I. S., YALÇINER A. C.  
IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS, vol.52, no.2, pp.217-224, 2016 (SCI-Expanded)
- XXXI. **The depth effect of earthquakes on tsunami heights in the Sea of Okhotsk**  
Zaytsev A., Kostenko I., Kurkin A., Pelinovsky E., YALÇINER A. C.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.25, no.4, pp.289-299, 2016 (SCI-Expanded)
- XXXII. **The influence of the Kuril Islands on the penetration of tsunamis into the Sea of Okhotsk (on the example of the Japan tsunami on March 11, 2011)**  
Kostenko I. S., Kurkin A. A., Pelinovsky E. N., YALÇINER A. C.  
IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS, vol.52, no.1, pp.89-100, 2016 (SCI-Expanded)
- XXXIII. **Investigation of Hydrodynamic Parameters and the Effects of Breakwaters During the 2011 Great East Japan Tsunami in Kamaishi Bay**  
Sozdinler C. O., YALÇINER A. C., Zaytsev A., Suppasri A., Imamura F.  
PURE AND APPLIED GEOPHYSICS, vol.172, no.12, pp.3473-3491, 2015 (SCI-Expanded)
- XXXIV. **Performance of rubble mound breakwaters under tsunami attack, a case study: Haydarpasa Port, Istanbul, Turkey**  
GÜLER H. G., Arikawa T., Oei T., YALÇINER A. C.  
COASTAL ENGINEERING, vol.104, pp.43-53, 2015 (SCI-Expanded)
- XXXV. **Investigation of Tsunami Hydrodynamic Parameters in Inundation Zones with Different Structural Layouts**  
Sozdinler C. O., YALÇINER A. C., Zaytsev A.  
PURE AND APPLIED GEOPHYSICS, vol.172, pp.931-952, 2015 (SCI-Expanded)
- XXXVI. **Development of a Tsunami Inundation Map in Detecting Tsunami Risk in Gulf of Fethiye, Turkey**  
Dilmen D. I., Kemeç S., YALÇINER A. C., Duzgun S., Zaytsev A.  
PURE AND APPLIED GEOPHYSICS, vol.172, pp.921-929, 2015 (SCI-Expanded)
- XXXVII. **Historical and pre-historical tsunamis in the Mediterranean and its connected seas: Geological signatures, generation mechanisms and coastal impacts**  
Papadopoulos G. A., Gracia E., Urgeles R., Sallares V., De Martini P. M., Pantosti D., Gonzalez M., YALÇINER A. C., Mascle J., Sakellariou D., et al.  
MARINE GEOLOGY, vol.354, pp.81-109, 2014 (SCI-Expanded)
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## Supported Projects

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Yalciner A. C., Erasmus Project, Parametric Design for Marine and Coastal Structures (DESİMAR), 2017 - 2019

YALÇINER A. C., H2020 Project, Training Of Youth for Preparedness Against Marine Induced Hazards, 2015 - 2018  
Pekcan O., Yalçiner A. C., EU Supported Other Project, TSUMAPS-NEAM Probabilistic TSUnami Hazard MAPS for the NEAM Region, 2015 - 2017  
YALÇINER A. C., TÜBİTAK International Bilateral Joint Cooperation Program Project, Karadeniz Kıyılarında Deniz Kaynaklı Doğal Afetlerin Modellenmesi için Yeni Araçlar ve Risk Değerlendirmesi, 2014 - 2016  
YALÇINER A. C., TUBITAK Project, RAPSODI Tsunami ye Karşı İleri Düzey Dayanıklılık İçin Önlem Yapıları Geliştirme Ve Risk Değerlendirme, 2013 - 2015  
YALÇINER A. C., TÜBİTAK International Bilateral Joint Cooperation Program Project, Model Development and Risk Analysis for Tsunamis in The Black Sea and Mediterranean ( MORAT), 2009 - 2011  
YALÇINER A. C., Project Supported by Higher Education Institutions, Deniz Koruma Alanları Uydu Görüntü Destekli Kirlenme İzleme Ve Taşıma Kapasitesi Araştırma Projesi, 2009 - 2010  
YALÇINER A. C., TUBITAK Project, Tsunami Risk Map of Turkey, 2008 - 2008

## Scientific Refereeing

NATURAL HAZARDS, SCI Journal, September 2019  
PURE AND APPLIED GEOPHYSICS, SCI Journal, September 2019  
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, SCI Journal, August 2019  
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## Metrics

Publication: 218  
Citation (WoS): 2132  
Citation (Scopus): 2363  
H-Index (WoS): 24  
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## Awards

Yalçiner A. C., Uluslararası Hamaguchi Ödülü 2019, Japonya Ulaştırma, Altyapı Ve Turizm Bakanlığı, October 2019  
Yüksel Y., Çevik E., Çelikoğlu Y., Yalçiner A. C., Best paper Award 2002, Institute Of Civil Engineers United Kingdom, November 2002

## Non Academic Experience

METU  
UNESCO Hükümetlerarası Oşinografi Komisyonu  
MALDIVES GOVERNMENT  
University of Southern California  
METU  
METU  
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Tohoku University