



CURRICULUM VITAE

- 1. Family Name** : ÖZBAHÇECİ (ÖZTUNALI)
- 2. First Names** : Bergüzar
- 3. Education** :

Institution (Date from - Date to)	Degree(s) or Diploma(s) obtained:
Middle East Technical University (METU), Ankara 1998 – 2004	Ph. D. in Coastal and Harbor Engineering
Middle East Technical University (METU), Ankara 1993 – 1996	M.Sc. in Coastal and Harbor Engineering
Middle East Technical University (METU), Ankara 1988 – 1993	B.Sc. in Civil Engineering
Science High School, Kayseri 1985-1988	High School Diploma

4. Language skills: (1 - Excellent; 5 - Basic)

Language	Reading	Speaking	Writing
Turkish	Mother tongue		
English	1	1	1
Japanese	5	4	5

5. Membership of Professional Bodies:

- Turkish Chamber of Civil Engineers
- The International Society of Offshore and Polar Engineers
- European Geosciences Union (EGU)

6. Other skills:

- Advanced coastal mathematical modeling skills
- FORTRAN language

- Advanced MS Office and applications skills

7. Key qualifications:

- 2D and 3D Physical modeling of coastal structures
- Wave hydrodynamics and wave-structure interactions
- Wave climate and statistical applications
- Wave measurement and the statistical and spectral analysis of wave data
- Design of coastal structures including breakwaters, revetments, jetties
- Numerical modeling of wave transformation, wave agitation and wave resonance for harbors and marinas

8. Professional and academic experience :

Date from - Date to	Location	Company	Position	Description
May 2013- Present	İzmir	Izmir Institute of Technology	Asst. Prof.	
1997-2013	Ankara	Turkish Ministry of Transport, General Directorate of DLH, Research Department	Research Engineer	Physical and numerical modeling
2007-2013	Ankara	Middle East Technical University (METU)	Part-Time Instructor	CE593 'Statistical Analysis in Coastal Engineering' Fall 2007/2008 Fall 2009/2010 Fall 2011/2012 Fall 2012/2013
2005-2013	Ankara	Atilim University	Part-Time Instructor	CE433 Design of Coastal Structures Spring 2005/2006, Spring 2006/2007 CE307 Fluid mechanics Fall 2007/2008, Fall 2008/2009 Summer 2009, Summer 2010
1994-1997	Sivas- Ankara	Cumhuriyet University	Research Assistant	Charged in METU

9. Scholarship:

She studied as a researcher in Disaster Prevention Research Institute of Kyoto University, Japan, between April 2001 and October 2002 as a MONBUSHO Scholar of Japanese Government.

10. Publications

Journal Papers (in SCI core or SCI expanded)

Bilyay E., Ozbahceci B. O., Yalciner, A.C.(2011), 'Extreme Waves at Filyos, Southern Black Sea' Special Issue 'Extreme and Rogue Waves' J Nat. Hazards Earth Syst. Sci., 11, 659-666, doi:10.5194/nhess-11-659-2011

Ozbahceci B. O., Ergin A. (2008) Design Weight of Armour Stone Considering the Effect of Extreme Waves. Ocean Engineering, Vol. 35 pp.393-399

Full papers presented at and published in the proceedings of a refereed international conferences

Ozbahceci B. O., Takayama T., Mase H., Ergin A. (2004) 'Effect of Extreme Waves in A Wave Train on The Stability of Rubble Mound Breakwaters', Proceedings of 29th ICCE, Vol. 4, pp.3727-3739. Lisbon, Portugal.

Ozbahceci B. O., Takayama T., Mase H., Ergin A. (2003) 'Wave Grouping and Spectral Shape Effects on the Stability of Rubble Mound Breakwaters' Proceedings of 5th Coastal Structures Conference, Portland Oregon US pp. 113-125, ([doi 10.1061/40733\(147\)10](https://doi.org/10.1061/40733(147)10))

Ozbahceci B. O., Takayama T., Mase H., Ergin A. (2002) 'Occurrence Probability of Wave Grouping for Different Shapes of Wave Energy Spectra', Proceedings of International Offshore and Polar Engineering Conference. Vol.3, pp.37-42. Kitakyushu, Japan, 2002.

Ozbahceci B. O., Kiziroğlu G., Bilyay E., Furukawa M.(1999) 'The Effect of Peak Enhancement Factor γ on the Stability of Breakwater', Medcoast 99- EMECS 99 Joint Conference, Vol. 3, pp.1823-1832, Antalya, Turkey.

Abstract of a paper presented at and published in the proceedings of a refereed international conference

Bilyay E., Ozbahceci B. O., Yalciner, A.C.(2010), 'Extreme Waves at Filyos, Southern Black Sea' General Assembly of European Geosciences Union, geophysical research Abstracts, Vol.12,8907 Wien, Austria

National Conference Papers Published In the Proceedings

Total is 20. The recent ones are as follows:

Ozbahceci B. O., Kucukosmanoglu, A., Kilic Y., Sag M. (2012), 'Icelandic Type Berm Breakwater' Proceedings of 9th Conference of Turkish Coasts, Vol 2. pp 979-986, Hatay, Turkey (in Turkish)

Ozbahceci B. O., Bilyay E., Kucukosmanoglu, A. (2010), 'Effect of Berm Width On The Wave Overtopping' Proceedings of 8th Conference of Turkish Coasts, Vol 2. Pp 1287-1296, Trabzon, Turkey (in Turkish)

Ozyurt G., Ozbahceci B. (2008) 'Effect of fitting distribution function on the design wave height' Proceedings of 7th Conference of Turkish Coasts, Vol 2. pp 937-945 Ankara (in Turkish)

Research Projects Sponsored by Turkish Ministry of Transport (General Directorate of Railways, Ports and Airports, DLH), and Private Organizations

Total is 21. Some examples are as follows:

Physical Model Experiments (3D) of Water Intake Systems of Industrial Port of Sohar, Omman (2003), for STFA Holding, Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports(DLH), No: 5625.

Physical Model Experiments on the Stability of Piled Breakwater and Inclined Crown wall of Yalova Marina (2004) for DLH. Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:5836

Physical Model Experiments on the wave overtopping at Hatay Konacık Fishery Port (2005) for DLH. Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:5998

Numerical modeling of wave transformation and coastline erosion in Karasu, Sakarya (2008) for DLH, Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:6217

Physical Model Experiments on the stability of Sinop Demircikoy Harbor (2008) for DLH. Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:6317

Numerical modeling of wave agitation in Datça Yacht Harbor (2009) for DLH, Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:6358

Numerical modeling of wave agitation and wave resonance in Alanya Yacht Harbor (2010) for DLH, Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:6543

Physical Model Experiments on the Design of Ordu-Giresun Airport Breakwater Cross-sections (2012) for Yuksel Project A.Ş. Publications of Research Department, Ministry of Transport, General Directorate of Railways, Ports and Airports, No:6774

16.Paper Refeering

Title: Effect of Impermeable Submerged Structure on Rubble-mound Breakwater: Transmission, Run-up,Run-down, Ocean Engineering ,OE-D-08-00124

17. Patent Application

'Horizontally and/or vertically articulated breakwater systems' application no: 2009/09119, (under international review)

18. Organization of a National Conference or Symposium

4th National Conference of Coastal Engineering, October 24-27, Antalya, Turkey. Sponsored by Turkish Chamber of Civil Engineers

19. Certificates :

- Certificate of the individual training course in Port Hydraulic Experiment at Port Hydraulic Research Institute , Ministry of Transport, Japan (May-August 1997)
- Certificate of attendance to the short course of 'Design of Coastal Structures Using Coastal Engineering Manual' organized by the coastal engineering practice committee of the coasts, ocean, ports and rivers institute (COPRI), August 2003, Portland, Oregon, US.
- Certificate of attendance to the short course of 'European Overtopping Manual' organized by ICCE , August 31, Hamburg, Germany
- Certificate of completing online course of 'Flood modeling and management' by UNESCO-IHE, Delft, Netherland, 22th September-29th November, 2008
- Course of 'Nonlinear Fourier Transform' by Prof. Alfred Osborne. Technical University of Braunschweig, Germany, June 27-July 01-2011.