

## Assoc. Prof. Asli Numanođlu Gen

### Personal Information

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### International Researcher IDs

ScholarID: IQCWlxgAAAAJ

ORCID: 0000-0003-1223-0842

Publons / Web Of Science ResearcherID: K-8094-2017

ScopusID: 55851202200

Yoksis Researcher ID: 216909

### Biography

Dr. Asli Numanođlu Gen received her B.Sc. degree in Civil Engineering from Middle East Technical University (METU). After her graduation, she continued her graduate studies at the same department, and studied at the Coastal Engineering Research Center of METU. She received her M.Sc and Ph.D. in coastal engineering in 1996 and 2004 respectively. She worked as a research assistant at the Civil Engineering Department of METU between 1994-2001. She was the project manager of the National Committee of Coastal Zone Management between 2001-2004. Afterwards, she worked as researcher at the Research Center of Marine Sciences of Gazi University. She joined to Civil Engineering Department of TED University in February, 2019. Her main expertise is on Integrated Coastal Zone Management. Her research interests are wave climate and the transport modeling of microplastics in coastal areas.

### Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1997 - 2004

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1993 - 1996

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1989 - 1993

### Foreign Languages

English

### Research Areas

Civil Engineering, Hydraulic, Coastal Zone Management, Coastal Engineering, Engineering and Technology

## Academic Titles / Tasks

Associate Professor, TED University, Faculty of Engineering, Department of Civil Engineering, 2021 - Continues  
2019 - Continues

Atilim University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2014 - 2019

Research Assistant, Middle East Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1994 - 2001

## Academic and Administrative Experience

Faculty web commission member, TED University, Faculty Of Engineering, 2022 - Continues

International Programs Commission, TED University, Vice Chancellor (Provost), 2021 - Continues

## Courses

Hydromechanics, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Coastal Engineering, Undergraduate, 2023 - 2024, 2022 - 2023, 2019 - 2020

Fluid Mechanics, Undergraduate, 2021 - 2022, 2019 - 2020

Integrated Coastal Zone Management, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Introduction to Probability and Statistics for Engineers, Undergraduate, 2021 - 2022

Integrated Coastal Zone Management, Undergraduate, 2020 - 2021, 2019 - 2020

Hydromechanics, Undergraduate, 2020 - 2021, 2019 - 2020

Fluid Mechanics, Undergraduate, 2020 - 2021

Introduction to Probability and Statistics for Engineers, Undergraduate, 2020 - 2021, 2019 - 2020

Coastal Engineering, Undergraduate, 2019 - 2020

Water Resources Engineering, Undergraduate, 2018 - 2019

Fluid Mechanics, Undergraduate, 2018 - 2019

## Jury Memberships

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2022

Doctorate, Doctorate, Gazi Üniversitesi, December, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, April, 2022

May, 2021

December, 2020

November, 2020

September, 2020

September, 2020

August, 2020

August, 2020

August, 2020

August, 2020

July, 2020

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

- I. **Transitional Waters Typology in Turkey: Melen Estuary Case Study**  
BALAS L., Numanoğlu Genç A., ESER E.  
Journal of Coastal Research, vol.95, no.sp1, pp.18-22, 2020 (SCI-Expanded)
- II. **Modeling transport of microplastics in enclosed coastal waters: A case study in the Fethiye Inner Bay**  
Numanoğlu Genç A., VURAL N., BALAS L.  
MARINE POLLUTION BULLETIN, vol.150, 2020 (SCI-Expanded)
- III. **Modeling of sediment transport processes in Alara, Turkey**  
Numanoğlu Genç A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.31, no.3, pp.545-554, 2016 (SCI-Expanded)
- IV. **A Model to Simulate Yacht Movements in Enclosed Bays**  
Numanoğlu Genç A.  
JOURNAL OF COASTAL RESEARCH, vol.31, no.2, pp.364-370, 2015 (SCI-Expanded)
- V. **Modelling of dilution of thermal discharges in enclosed coastal waters**  
Lale B., Asu I., Numanoğlu Genç A.  
Research Journal of Chemistry and Environment, vol.17, no.10, pp.82-89, 2013 (SCI-Expanded)
- VI. **Modeling of Erosion at Goksu Coasts**  
Numanoğlu Genç A., İNAN A., Yilmaz N., BALAS L.  
JOURNAL OF COASTAL RESEARCH, pp.2155-2160, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Risk Assessment of Sea Level Rise for Karasu Coastal Area, Turkey**  
Eliawa A., Numanoğlu Genç A., Tora H., Maraş H. H.  
Hydrology, vol.10, no.1, 2023 (Scopus)
- II. **Modeling Surface Water Quality and Nutrient Correlation with Sediment Oxygen Demand at Dam Water Reservoirs**  
Abdulqader N., İşgör B., Numanoğlu Genç A., Güler E., Seymenoğlu V. C.  
Nature Environment and Pollution Technology, vol.21, no.4, pp.1783-1808, 2022 (Scopus)
- III. **Taşlıdere, Rize nehir ağzında sediman taşınımının modellenmesi**  
Numanoğlu Genç A.  
DSİ Teknik Bülteni, no.131, pp.34-44, 2019
- IV. **Karataş, Adana denizel alanı için karşılaştırmalı uzun dönem dalga çözümlemesi çalışması**  
Numanoğlu Genç A.  
Uludağ University Journal of The Faculty of Engineering and Architecture, vol.23, no.1, pp.247-262, 2018
- V. **Liman yapılarının tasarımı için dalga tahmini**  
Balas L., Numanoğlu Genç A., İnan A.  
Dokuz Eylül Üniversitesi Denizcilik Fakültesi Dergisi, vol.5, no.2, pp.19-35, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Long term wind and wave climate study for Turgutreis coastal area**  
Numanoğlu Genç A., Balas L.
- II. **Wave climate study for Cide, Kastamonu Coastal Area**  
Numanoğlu Genç A.
- III. **Impact of technology based learning environment on student performance in a civil engineering course**  
Numanoğlu Genç A., Eryılmaz M.

- IV. **Clustering Moodle User Data: A case study**  
Eryılmaz M., Numanoğlu Genç A.
- V. **İnşaat Mühendisliği'nde uzaktan eğitim: Moodle ile bir örnek ders çalışması**  
Numanoğlu Genç A., Eryılmaz M., Şahin B.  
3. İnşaat Mühendisliği Eğitimi Sempozyumu, 6 - 07 January 2016, pp.94-103
- VI. **A comparative study on the ICZM plans of coastal cities in Turkey**  
Numanoğlu Genç A.
- VII. **İnşaat Mühendisliği eğitiminde e-öğrenmeye bakış**  
Eryılmaz M., Numanoğlu Genç A.  
3. İnşaat Mühendisliği Eğitimi Sempozyumu, 6 - 07 January 2016, pp.104-111
- VIII. **Coastal hydrodynamics along the eroded beach of Akyaka in Gökova Bay**  
İnan A., Yılmaz N., Numanoğlu Genç A., Balas L.  
Recent Advances in Engineering, 02 December 2012 - 04 December 2020, pp.133-140
- IX. **HYDROTAM: 3D model for hydrodynamic and transport processes in coastal waters**  
BALAS L., Numanoğlu Genç A., İNAN A.  
6th Biennial Meeting of the International Environmental Modelling and Software Society: Managing Resources of a Limited Planet, iEMSs 2012, Leipzig, Germany, 1 - 05 July 2012, pp.1439-1446
- X. **HYDROTAM-3D sayısal modeli ile Türkiye'de dalga iklimi çalışmaları**  
Numanoğlu Genç A., Yılmaz N., İnan A., Balas L.  
Türkiye'nin Kıyı ve Deniz Alanları IX. Ulusal Kongresi, 14 - 17 November 2012, vol.2, pp.925-936
- XI. **Göksu Deltası kıyı boyu sediman taşınımının modellenmesi**  
Yılmaz N., Numanoğlu Genç A., İnan A., Balas L.  
Türkiye'nin Kıyı ve Deniz Alanları IX. Ulusal Kongresi, 14 - 17 November 2012, vol.2, pp.1053-1060
- XII. **Akdeniz'de Bütünleşik Kıyı Alanları Yönetimi Protokolü çerçevesinde BKAY göstergeleri**  
Numanoğlu Genç A., Özhan E.  
Türkiye'nin Kıyı ve Deniz Alanları XIII. Ulusal Kongresi, Trabzon, Turkey, 27 April - 01 May 2010, vol.1, pp.89-98
- XIII. **A questionnaire study on yachting holidays in Göcek Bays**  
Özhan E., Numanoğlu Genç A., Demircioğlu Ç.  
MEDCOAST '03, 7 - 11 October 2003, pp.569-578

## **Memberships / Tasks in Scientific Organizations**

Deniz Bilimleri Araştırma ve Uygulama Merkezi -DENAM, Member of Advisory Board, 2022 - Continues, Turkey  
Coastal Education & Research Foundation (CERF), Member, 2012 - Continues, United States Of America

## **Scientific Refereeing**

Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, National Scientific Refreed Journal, August 2022

HELIYON, Journal Indexed in SCI-E, June 2022

ICHE 2022 - 14 INTERNATIONAL CONFERENCE ON HYDROSCIENCE AND ENGINEERING, Conference Paper (Full Text),  
March 2022

Science of the Total Environment, May 2021

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, January 2021

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, November 2020

FLOW MEASUREMENT AND INSTRUMENTATION, August 2020

Science of the Total Environment, April 2020

Marine Pollution Bulletin, January 2020

IRRIGATION AND DRAINAGE, July 2019

## **Scientific Consultations**

Ministry of Industry and Technology, R&D Incentives General Directorate, Ankara, Turkey, Ted University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2020 - Continues

R&D Incentives General Directorate, Ted University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2019 - Continues

R&D Incentives Directorate General, Ted University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2019 - Continues

## **Scientific Research / Working Group Memberships**

Denam- Deniz Ve Su Bilimleri Uygulama Ve Araştırma Merkezi, Gazi University, Turkey, <https://denam.gazi.edu.tr>, 2020 - Continues