

Curriculum Vitae

Ayse Duha Metin

GFZ German Research Centre for Geosciences
Section 5.4 Hydrology, D-14473 Potsdam
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Personal Information

Date of Birth: 24.02.1992

Place of Birth: Kirikkale



Education

2016- Present: University of Potsdam – Potsdam, Germany
Institute of Earth and Environmental Science (PhD)

2014 - 2016: Middle East Technical University – Ankara, Turkey
Coastal and Ocean Engineering Division of Civil Engineering (M.Sc.)

2009 - 2014: Middle East Technical University – Ankara, Turkey
Civil Engineering, Faculty of Engineering (B.S.)

2005 - 2009: Kirikkale Science High School – Kirikkale, Turkey

Working Experiences & Internships

2016 - Present: GFZ German Research Centre for Geosciences, Sec 5.4, Potsdam, Germany
System-Risk Project - Grant number 676027- Attributing changes in flood risk with focus on exposure and vulnerability (Project Title)

09/2014 – 07/2016: New Tools for Risk Assessment and Modeling of Marine Natural Hazards in the Coastlines of Black Sea - TUBITAK Grant number 213M534

03/2015 – 07/2015: Teaching Assistant –Middle East Technical University
Course: CE 595 - Coastal Sedimentation

08/2014 - 09/2014: Assessment Strategy and Risk Reduction for Tsunamis in Europe (ASTARTE) - FP7/2007-2013 program n^o603839

06/2013 - 09/2013: Middle East Technical University – Department of Civil Engineering
*Academic research related to MSE Retaining Wall
Cost Optimization study by using MATLAB*

06/2012 - 07/2012: Middle East Technical University – Department of Civil Engineering
Surveying Studies, Traffic Modeling, Building Information Modeling, Earthquakes, Computer Applications and Technical Trips

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Technical Trips

06/2012 - 07/2012: Ford Tur Oto Plaza and Via Green (Excavation Trips), Atak Mühendislik (Steel Structures), KAM (Concrete and its nature), Eser Green Building, Landslides in Akyurt Highway, Egrekaya Dam Trip – Ankara, Turkey
ÇİMSA Concrete Highway Constructions – Eskisehir, Turkey

Academical Activities

Conferences:

2017: Metin A.D., Apel H., Dung N.V., Guse B., Kreibich H., Schroter K., Vorogushyn S., Merz B., “Effects of changes along the risk chain on flood risk”. EGU 2017, April, 23-28, Vienna, Austria (*Poster Presentation*)

2016: Metin A.D., Pelinovsky E., Yalciner A.C., Tarakcioglu G.O., Zaytsev A., “Effects of Shelves on Amplification of Long Waves Generated by Atmospheric Pressure Differences”. EGU 2016, April 17-22, Vienna, Austria (*Oral Presentation*)

2015: Metin A.D., Yalciner A.C., Tarakcioglu G.O., Zaytsev A., “Generation and Propagation of Long Waves due to Spatial and Temporal Pressure Distribution”. AGU 2015, December 14-18, San Francisco, USA (*Oral Presentation*)

Symposiums:

2014: 8th Coastal Engineering Symposium, Istanbul, Turkey
Earthquake, Tsunami, Floods; Natural Hazards affecting Coastal Zones, Risk Analysis and Precautions strategies, *Chair: Yalcin Arisoy*
Coastal Engineering Modeling, *Chair: Osman Borekci*
Sea Level and Climate Changes Effects on the Coastal Areas, *Chair: Cuneyt Baykal*

Courses:

2014: Impact of Hurricane Sandy on Delaware, New Jersey and New York
Deformation of Reef Breakwaters and Wave Transmission
Performance of Nourished Delaware Beach Against Two Severe Storms
Lecturer: Prof. Dr. Nobu Kobayashi, University of Delaware, USA

Observations and Modeling of Extreme Coastal Events
Lecturer: Assoc. Prof. Dr. Patrick J. Lynett, University of Southern California, USA

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Grants:

2015: 2015 American Geophysical Union (AGU) - Travel Grant

The American Geophysical Union's Natural Hazards Focus Group – \$ 500 US

Memberships:

2015 - present : American Geophysical Union (AGU)-Member

2014 - present: European Geosciences Union (EGU) -Member

Special Skills

Computer:

MS Office, MATLAB, Surfer, NAMI-DANCE, Visual Basic, AutoCAD, C, Fortran

Language:

Turkish: Native Language

English: Upper-Intermediate

German: Basic