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PERSONAL

Date of Birth	1986
Place of Birth	Ankara

EDUCATION

2010-2015	Middle East Technical University, Civil Engineering (Water Resources), Ph.D.
2007-2010	Middle East Technical University, Civil Engineering (Water Resources), M.Sc.
2003-2007	Middle East Technical University, Civil Engineering, B.Sc.

ACADEMIC POSITIONS

March/2019 - Present	Assistant Professor, Department of Civil Engineering, Atılım University, Turkey
February/2019 - March/2019	Adjunct Faculty Member, Department of Civil Engineering, Atılım University, Turkey
February/2017 - January/2019	Adjunct Faculty Member, Department of Civil Engineering, Middle East Technical University, Turkey
October/2015 - May/2016	Adjunct Faculty Member, Department of Civil Engineering, Çankaya University, Turkey
November/2007 - July/2015	Research Assistant, Department of Civil Engineering, Middle East Technical University, Turkey

RESEARCH INTERESTS

1	Hydrology, Hydraulics
2	Water Resources Engineering
3	Drought, Flood
4	Climate Change

PROFESSIONAL SERVICE

1	Journal Reviewer: Acta Geophysica Çankaya University Journal of Science and Engineering Environmental Fluid Mechanics Journal of Engineering Sciences and Design Journal of the Faculty of Engineering and Architecture of Gazi University Marine Georesources and Geotechnology Probabilistic Engineering Mechanics
2	Peer Reviewer: TÜBİTAK 2221

PUBLICATIONS

1	Yılmaz, M. , Türkiye üzerinde ERA5 saatlik hava sıcaklığı verilerinin doğruluğunun değerlendirilmesi, Doğal Afetler ve Çevre Dergisi, Ahead-of-print, 2022, (in Turkish).
2	Mhmood, H.H., Yılmaz, M. , Sulaiman, S.O., Simulation of the flood wave caused by hypothetical failure of the Haditha Dam, Journal of Applied Water Engineering and Research, Ahead-of-print, 1-11, 2022.
3	Yılmaz, M. , Çalamak, M., Yanmaz, A.M., Reliability-based evaluation of scouring around dual bridge piers, Gradevinar, 71(9), 739-747, 2019.
4	Yılmaz, M. , Yanmaz, A.M., Köken, M., Time-evolution of clear water scouring at dual bridge piers, Teknik Dergi, 29(1), 8167-8184, 2018, (in Turkish).
5	Yılmaz, M. , Amjad, M., Bulut, B., Yılmaz M.T., Investigation of the dependence of satellite-based precipitation estimate errors to distance from the coastline, Teknik Dergi. 28(3), 7993-8005, 2017, (in Turkish).
6	Yılmaz, M. , Drought analysis of Konya Closed Basin with the use of TMPA satellite-based precipitation data, Journal of the Faculty of Engineering and Architecture of Gazi University, 32(2), 541-549, 2017, (in Turkish).
7	Yılmaz, M. , Yanmaz, A.M., Köken, M., Clear-water scour evolution at dual bridge piers, Canadian Journal of Civil Engineering, 44(4), 298-307, 2017.
8	Yanmaz, A.M., Yılmaz, M. , Bridge scour risk assessment and countermeasure design", ASCE Journal of Performance of Constructed Facilities, 26(4), 499-506, 2012.

PROJECTS

1	"İklim Değişikliğinin Çoruh Havzasındaki Yüzey Su Potansiyeline ve Ardışık Barajlardaki Enerji Üretimine Etkilerinin İncelenmesi", TÜBİTAK – 1001 - Scientific and Technological Research Projects Funding Program, Project No: 121Y456, Researcher, 2022-2025.
2	"Türkiye'deki akarsu köprüleri için güvenlik-değerlendirme yöntemi ve oyulma riski analizi; Kastamonu pilot uygulaması", TÜBİTAK – 1001 - Scientific and Technological Research Projects Funding Program, Project No: 114M292, Fellowship holder, 2014-2015.
3	"Uluabat Gölü – Marmara Denizi arası dere islahı ve taşkın önleme çalışması", Consultancy services to private sector via METU, Project No: 2012-03-03-2-0053, Researcher, 2012-2013.
4	"Gebze-Orhangazi-İzmir Otoyolu Projesi Karacabey Ovası geçişinde otoyolun Susurluk Çayı'ndan etkilenmesinin araştırılması", Consultancy services to private sector via METU, Project No: 2011-03-03-1-00104, Researcher, 2011-2012.

CONFERENCE PRESENTATIONS

1	Yılmaz, M. , Investigation of ERA5 air temperature reanalysis data accuracy over Ankara, 9th International Advanced Technologies Symposium, Online, Turkey, 2021.
2	Çalamak, M., Yılmaz, M. , A review of Anita Dam incident: Internal erosion caused by a buried conduit and lessons learned, 5th International Symposium on Dam Safety, İstanbul, Turkey, 2018.
3	Yılmaz, M. , Çalamak, M., Yanmaz, A.M., A study on reduction of failure risk of river bridges, 4th Hydraulic Structures Symposium, Antalya, Turkey, 2015 (in Turkish).
4	Çalamak, M., Yılmaz, M. , Yanmaz, A.M., Evaluation of rapid drawdown effects on slope stability of earth-fill dams, 4th Hydraulic Structures Symposium, Antalya, Turkey, 2015 (in Turkish).
5	Yılmaz, M.T., Amjad, M., Yılmaz M. , Comparison of Tropical Rainfall Measuring Mission satellite-based precipitation data with ground observations, 2nd Meteorological Remote Sensing Symposium, Turkey, 2015 (in Turkish).
6	Yılmaz, M. , Yanmaz, A.M., Köken, M., Temporal variation of scouring topography around dual bridge piers, 7th International Conference on Scour and Erosion, Perth, Western Australia, 2014.
7	Yılmaz, M. , Sürer S., Akyürek Z., Yanmaz A.M., A case study on river navigation system design with upstream control, 6th International PIANC-SMART Rivers Conference, Liège, Belgium, 2013.
8	Yanmaz, A.M., Yılmaz, M. , Assessment of riprap protection of existing bridges against scouring, 2nd Symposium on Bridges and Viaducts, Eskişehir, Turkey, 2011, (in Turkish).
9	Yılmaz, M. , Yanmaz, A.M., Investigation of failure risk of river bridges, 6th Urban Infrastructure Symposium, Antalya, Turkey, 2011, (in Turkish).
10	Yanmaz, A.M., Yılmaz, M. , A case study on bridge-scour risk assessment, 9th International Congress on Advances in Civil Engineering, Trabzon, Turkey, 2010.

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	31
H-index (ISI Web of Science):	3

COURSES GIVEN

1	CE307 Fluid Mechanics, Atılım University (2019-)
2	CE402 Hydrology and Water Resources, Atılım University (2019-)
3	CE470 Open Channel Hydraulics, Atılım University (2019-)
4	CE479 Applied Water Resources Engineering, Atılım University (2020-)
5	CE374 Fluid Mechanics, Middle East Technical University (2017-2019)
6	CE270 Fluid Mechanics, Çankaya University (2015-2016)
7	CE371 Hydraulics, Çankaya University (2015-2016)