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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

04/2024 - Present	Associate Professor, Department of Civil Engineering, Atılım University, Turkey
03/2019 - 03/2024	Assistant Professor, Department of Civil Engineering, Atılım University, Turkey
02/2019 - 03/2019	Adjunct Faculty Member, Department of Civil Engineering, Atılım University, Turkey
02/2017 - 01/2019	Adjunct Faculty Member, Department of Civil Engineering, Middle East Technical University, Turkey
10/2015 - 05/2016	Adjunct Faculty Member, Department of Civil Engineering, Çankaya University, Turkey
11/2007 - 07/2015	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

	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 Earth Science Informatics Theoretical and Applied Climatology
	Peer Reviewer: TÜBİTAK 2221

PUBLICATIONS

10	Yılmaz, M. , Consistency of Spatiotemporal Variability of MODIS and ERA5-Land Surface Warming Trends over Complex Topography, <i>Environmental Science and Pollution Research</i> , 30(41), 94414-94435, 2023.
9	Yılmaz, M. , Accuracy assessment of temperature trends from ERA5 and ERA5-Land, <i>Science of the Total Environment</i> , 856(Part 2), 159182, 2023.
8	Mhmood, H.H., Yılmaz, M. , Sulaiman, S.O., Simulation of the flood wave caused by hypothetical failure of the Haditha Dam, <i>Journal of Applied Water Engineering and Research</i> , 11(1), 66-76, 2023.
7	Yılmaz, M. , Verification of ERA5 hourly air temperature data over Turkey, <i>Journal of Natural Hazards and Environment</i> , 8(2), 207-220, 2022, (in Turkish).
6	Yılmaz, M. , Çalamak, M., Yanmaz, A.M., Reliability-based evaluation of scouring around dual bridge piers, <i>Gradevinar</i> , 71(9), 739-747, 2019.
5	Yılmaz, M. , Yanmaz, A.M., Köken, M., Time-evolution of clear water scouring at dual bridge piers, <i>Teknik Dergi</i> , 29(1), 8167-8184, 2018, (in Turkish).
4	Yılmaz, M. , Amjad, M., Bulut, B., Yılmaz M.T., Investigation of the dependence of satellite-based precipitation estimate errors to distance from the coastline, <i>Teknik Dergi</i> , 28(3), 7993-8005, 2017, (in Turkish).
3	Yılmaz, M. , Drought analysis of Konya Closed Basin with the use of TMPA satellite-based precipitation data, <i>Journal of the Faculty of Engineering and Architecture of Gazi University</i> , 32(2), 541-549, 2017, (in Turkish).
2	Yılmaz, M. , Yanmaz, A.M., Köken, M., Clear-water scour evolution at dual bridge piers, <i>Canadian Journal of Civil Engineering</i> , 44(4), 298-307, 2017.
1	Yanmaz, A.M., Yılmaz, M. , Bridge scour risk assessment and countermeasure design", <i>ASCE Journal of Performance of Constructed Facilities</i> , 26(4), 499-506, 2012.

PROJECTS

1	"Investigation of the Effects of Climate Change on the Surface Water Potential of Coruh Basin and the Energy Production of the Cascade Dams in the Basin" TÜBİTAK – 1001 - Scientific and Technological Research Projects Funding Program, Project No: 121Y456, Researcher, 2022-2025.
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CONFERENCE PRESENTATIONS

12	Paker, M., Aydođan, S., Aypek, E., Bidav, B., Kaya, O., Yıldız, S., Bař, O., Yılmaz M. , Design of Sewage and Rainwater Drainage Systems: Yalıkavak Case Study. Atılım University Engineering Sciences and Researches Student Congress, Ankara, Turkey, 2023 (in Turkish).
11	Yılmaz, M. , Investigation of Daytime and Nighttime Temperature Trends over Turkey, 7th International Conference on Climate Change, Online, Sri Lanka, 2023.
10	Yılmaz, M. , Investigation of ERA5 air temperature reanalysis data accuracy over Ankara, 9th International Advanced Technologies Symposium, Online, Turkey, 2021.
9	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.
8	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).
7	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).
6	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).
5	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.
4	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.
3	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).
2	Yılmaz, M. , Yanmaz, A.M., Investigation of failure risk of river bridges, 6th Urban Infrastructure Symposium, Antalya, Turkey, 2011, (in Turkish).
1	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):	71
H-index (ISI Web of Science):	5

COURSES GIVEN

8	CE450 Civil Engineering Seminars, Atılım University (2023-)
7	CE479 Applied Water Resources Engineering, Atılım University (2020-)
6	CE307 Fluid Mechanics, Atılım University (2019-)
5	CE402 Hydrology and Water Resources, Atılım University (2019-)
4	CE470 Open Channel Hydraulics, Atılım University (2019-)
3	CE374 Fluid Mechanics, Middle East Technical University (2017-2019)
2	CE270 Fluid Mechanics, Çankaya University (2015-2016)
1	CE371 Hydraulics, Çankaya University (2015-2016)

THESES SUPERVISED

3	MSc thesis, "Suitability of Rainwater Harvesting Techniques: Atılım University Application", Can Canbaz, Atılım University, ongoing.
2	MSc thesis, "Simulation of the impact of flood wave caused by a possible failure of Haditha Dam at the Euphrates River", Harith Hamad Mhmood Mhmood, Atılım University, 2021.
1	MSc thesis, "Comparison of hydrologic and hydraulic flood routing, A case study on the Tigris River", Ruaa Adnan Mohammed Saeed Al-Ani, Atılım University, 2020.