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Javed Ali

Javed is a PhD candidate in Civil Engineering specializing in Water Resources Engineering at the University of Central Florida (UCF). He works as a Graduate Research Assistant at UCF's National Center for Integrated Coastal Research and as a Water Resources Engineer at Hazen and Sawyer. His research focuses on multi-hazard risk assessment and analyzing socioeconomic impacts and drivers of compound climate and weather extremes using statistical, machine learning, and impact-based methodologies.

With a diverse international background, he earned his Bachelor's degree in Agricultural Engineering with an emphasis on Water Resources from G.B. Pant University of Agriculture and Technology in India. As an Erasmus Mundus Fellow, he completed a joint Master's program in Water Science and Engineering, specializing in Flood Risk Management, at Technische Universität Dresden (Germany), UNESCO-IHE (Netherlands), Universitat Politècnica de Catalunya (Spain), and the University of Ljubljana (Slovenia). His professional experience includes working as a "Make Our Planet Great Again" Laureate Researcher at the Centre National de la Recherche Scientifique (CNRS) in France and as a Consultant on Open Modeling and Urban Flooding for Resurgence (London) and the World Bank, as well as a Thriving Earth Exchange Community Lead Scientist at the American Geophysical Union, and as a Research Fellow at the National Oceanic & Atmospheric Administration (NOAA).

In addition to his professional and academic involvements, Javed has been an active and engaged member of various local and global organizations, playing key roles, including President of the IAHR UCF Young Professionals Network, Vice President at the Scholastic Association of Graduates in Engineering (SAGE), member of UCF's Graduate Students Advisory Council, Executive Committee Member of the Young Earth Systems Scientists community, Chair of the Outreach Committee for the American Geophysical Union's Hydrology Section Student Subcommittee and Vice President of the Water Youth Network (WYN).