



Avantika Gori

Assistant Professor Civil and Environmental Engineering
Rice University

Avantika Gori is an Assistant Professor of Civil & Environmental Engineering at Rice University. Her research focuses on understanding and quantifying coastal flood risk under evolving climate and landscape conditions. Combining physics-based models and multivariate statistical methods, her research falls into three main categories: i) climate change impacts on tropical cyclone climatology and hydrometeorological extremes, ii) probabilistic methods for high-resolution delineation of compound flood hazard, and iii) the interaction of coastal hazards, climate change, and the built and natural environment. Dr. Gori obtained a B.S. (2016) and M.S. (2018) degree in Civil & Environmental Engineering from Rice University, and a Ph.D. in Civil & Environmental Engineering from Princeton University (2023).