



DEPARTMENT OF CIVIL ENGINEERING



# Water Infrastructure in Poorly-Gauged Basins

**Presented by Dr. Tirthankar Roy**  
Postdoctoral Research Associate, Princeton University

February 15, 9:30 - 10:30  
SLNK N105 / PKI 250

Join via Zoom: <https://unl.zoom.us/j/266882429>

Tirthankar Roy is a Postdoctoral Research Associate in the Department of Civil and Environmental Engineering, Princeton University, where he is working on land-atmospheric interactions, droughts, forecasting, and statistical method development. He received his Ph.D. in Hydrology from the Department of Hydrology and Atmospheric Sciences, University of Arizona, in 2017, working on the applications of satellite-based information to improve water management in poorly-gauged river basins, together with some advanced topics in catchment hydrology and climate change impacts assessment. He has a master's degree in Civil Engineering from the Indian Institute of Technology Kanpur and a bachelor's degree in Agricultural Engineering from the State Agricultural University, West Bengal, India (BCKV). He received the DAAD Scholarship to work on his master's thesis at Technische Universität Dresden, Germany, on the topic of optimal water management in coastal aquifers.

