

Seminars of Prof. Ramesh Teegavarapu, Florida Atlantic University

Advances in Statistical Hydrology in a Changing Climate

*21 May-13 June 2024*

Aula Seminari DICATAM

Tuesday 21 May 11:12.30

Research Initiation, Planning and Publishing of Scholarly Research (1.5 hours)

Wednesday 22 May 11:12.30

System Dynamics : Simulation for Modeling Water and Environmental Systems (1.5 hours)

Monday 27 May 14:00-16:00

Statistical Learning for Hydrologic Modeling and Prediction ( 2 hours)

Tuesday 28 May 15:00-17:00

Climate Change and Climate Variability Influences of Hydroclimatic Variables ( 2 hours)

Wednesday 29 May 11:00-13:30

Hydroanalytics for Hydrological Data Quality Improvement (1.5 hours)

Thursday 13 June 15:00-17:00

Spatial and Temporal Interpolation of Hydroclimatic Variables (2 hours)

Thursday 13 June 17:00-18:00

New Framework for Assessment of Non-Stationarity in Hydrology (1)



Dr. Ramesh Teegavarapu (Dr. T.) is a Professor and was a Fulbright scholar and a specialist and a graduate program director in the Department of Civil, Environmental, and Geomatics Department at Florida Atlantic University (FAU), Boca Raton, Florida, and founder and leader of the Hydrosystems Research Laboratory (HRL). His research interests include climate variability and change, hydrometeorology, precipitation, spatial analysis, hydroanalytics and hydroinformatics, water and environmental systems modeling, and statistical learning. Dr. T. has received several national and international awards/recognitions for his research. He serves on the editorial board of

multiple international peer-reviewed journals. Dr. T. has published over one hundred and fifty technical articles in high-impact journals and conference proceedings. He has authored over thirty-five book chapters and is an author, co-editor, and sole editor of multiple books from reputed international publishers. He served on multiple national and international technical committees related to water and climate change and held visiting professor appointments. Dr. T. has presented over one hundred and eighty research talks, including several invited keynotes and plenary lectures at conferences and universities worldwide.

Prof. Ramesh Teegavarapu was invited by prof. Roberto Ranzi, University of Brescia, Department of Civil, Environmental, Architectural Engineering and Mathematics with the funds for internationalization.