



Subhasis Mitra

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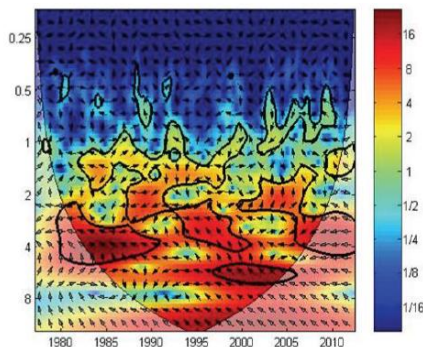


Research Interests

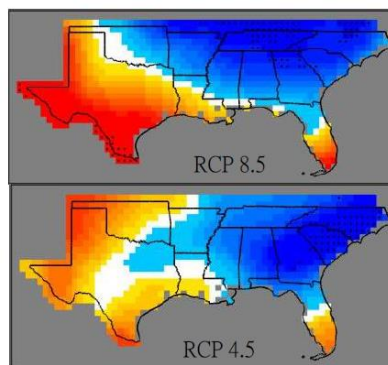
- Climate change projections and impacts on water resources
- Short and long term forecasting of water resources
- Drought, flood and hydro-climatic extremes

Brief Summary of Research

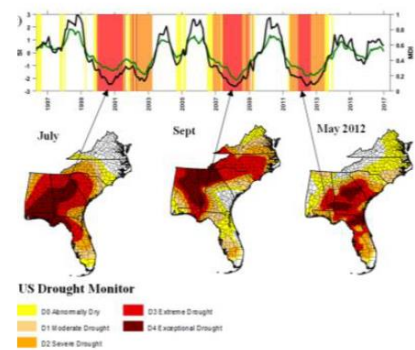
Dr. Subhasis Mitra's research broadly focuses on impacts of anthropogenic and climate forcings on hydrology and water resources in India with an emphasis on forecasting of water resources. He did his masters from IIT Kharagpur and PhD from Auburn University, USA. He continued as a post-doc at Auburn before joining IIT Palakkad. He has published 10 research papers in international journals and conferences and successfully completed 2 research projects (as Co-PI). He is also a reviewer in Climate Change journal.



Drought Impacts on Groundwater



Climate Change Impacts



Coastal Drought Index

Projects

- Drought preparedness in Kerala: A comprehensive assessment with respect to climate change. Role: PI, Agency: KSCSTE, Amount: INR 12 Lakhs. [2019-2021].
- Strategic Planning and Research in Support of NIDIS Drought Early Warning System for the Southeast. Role: Co-PI, Agency: NIDIS, USA, Amount: USD 130,000. [2017-2019].
- Expanding NIDIS Drought Early Warning System in the Southeast. Role: Co-PI, Agency: NIDIS, USA, Amount: USD 100,000. [2017-2019]

Recent Publications

- Mitra, S., Srivastava, P., Lamba, J., 2018. Probabilistic Assessment Of Projected Climatological Drought Characteristics Over The Southeast United States. Climatic Change DOI: 10.1007/s10584-018-2161-y.