Introduction to the Task Committee and the Workshop

- Abhiram Siva Prasad Pamula, Ph.D., – Marquette University
- Abhinav Gupta, Ph.D – University of Cincinnati
- Huilin Gao, Ph.D., M. ASCE – Texas A&M University
- Rocky Talchabhadel – Jackson State University
- Saurav Kumar, Ph.D., P.E., F.EWRI – Arizona State University
- Vamsi Krishna Sridharan, Ph.D., M.ASCE – Tetra Tech
- Walter M. McDonald, Ph.D., M.ASCE – Marquette University

- Environmental Council
- Groundwater Council
- Hydraulics & Waterways Council
- Interdisciplinary Council
- International Council
- Irrigation and Drainage Council
- Municipal Water Infrastructure Council
- Planning and Management Council
- Standards Development Council
- Urban Water Resources Research Council
- Water, Wastewater, & Stormwater Council
- **Watershed Council**

- Arid Lands Hydraulic Engineering Award Selection Committee
- Hydroclimate Technical Committee
- Risk, Uncertainty, And Probabilistic Approaches Committee
- Surface Water Hydrology Technical Committee
- Watershed Council Awards Committee
- Watershed Management Technical Committee
- Wetlands Hydrology Technical Committee

- Curve Number Hydrology Committee
- Remote Sensing Applications for TMDL Modeling
- TMDL Analysis and Modeling Task Committee

https://bit.ly/RS-TC

Purpose

The mission of this Task Committee is to **review and disseminate technical information from scientific and other published literature on using remotely sensed data** (from aerial and satellite platforms) f**or water quality modeling and Total Maximum Daily Loads** (TMDL) development.

The task committee will summarize the results of the literature review and recommend steps practitioners may undertake to utilize remotely sensed data products for water quality modeling.

Current Members

- Water quality modelers + Remote sensing experts
- Private water resources , Federal agencies, and Academia

Interested in joining? Send resume + short note expressing your interest to **sk2@asu.edu**

What's happening in the TC

1. Remote Sensing-Water Workshops
2. Studies
    - Barriers and Advances
    - Integration of water quality modeling and remote sensing

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Remote Sensing Applications: Society and Environment

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Perceived barriers and advances in integrating earth observations with water resources modeling

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Goal for today

1. Have Fun!!
2. Help others!!
3. Learn/Teach a bit about RS
    a. Pointers to resources
    b. Join the community

Introductions

- What is your name?
- Where are you from?
- What brings you here?
- What is your experience with remote sensing?
- What is your experience with water resources+water quality modeling?