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Satellite Observations of Water Quality for Sustainable Development Goal 6

October 24, 2017, 4:30 – 7:30 p.m. EDT

GEO Week 2017

Washington D.C.

This session will address how NASA satellite observations can be used to address UN Sustainable Development Goals related to water quality, specifically Goal 6. The training will provide an overview of available data and ways to access it for monitoring harmful algal blooms, sediments, and other water pollutants. This will be most relevant for personnel involved with managing water quality and aquatic ecosystems and research and application developers looking to combine satellite and in situ water quality data for decision making. Previous experience with satellite data is not needed, and this session is intended for beginners and those new to satellite observations.

Agenda

- Overview of NASA's Applied Remote Sensing Training Program
- Overview of Earth Observing Satellites and Sensors for Water Quality Monitoring
- Introduction and Demonstration of Water Quality Data Access Using Online Portals
- Hands-on Exercises: Acquiring Satellite-Based Water Quality Data for SDG-6.3.2
- Group Discussions