



ARSET Trainings Relevant to The Groundwater Project

Fundamentals

- [Fundamentals of Remote Sensing](#) (Self-paced)

Groundwater

- [Monitoring Groundwater Changes for Water Resources Management](#)
- [SAR for Detecting and Monitoring Floods, Sea Ice, and Subsidence from Groundwater Extraction](#)
 - » [SAR para la Detección y el Monitoreo de Inundaciones, el Hielo Marino y la Subsistencia del Suelo por Extracción de Agua](#)
- [Groundwater Monitoring using Observations from NASA's Gravity Recovery and Climate Experiment \(GRACE\) Missions](#)
 - » [El Monitoreo de Aguas Subterráneas Usando Observaciones de las Misiones "Gravity Recovery and Climate Experiment" \(GRACE\) de la NASA](#)

Water Quality

- [Monitoring Water Quality in Lakes and Coastal Regions Using STREAM](#)
- [Introduction to Plankton, Aerosol, Cloud, Ocean Ecosystem \(PACE\) Hyperspectral Observations for Water Quality Monitoring](#)
 - » [Introducción a los Datos Hiperespectrales de la misión "Plankton, Aerosol, Cloud, Ocean Ecosystem" \(PACE\) para el Monitoreo de la Calidad del Agua](#)
- [Overview of SeaDAS 8.4.1 for the Processing, Analysis, and Visualization of Optical Remote Sensing Data for Water Quality Monitoring](#)
- [Monitoring Water Quality of Inland Lakes using Remote Sensing](#)
- [Monitoring Coastal and Estuarine Water Quality: Transitioning from MODIS to VIIRS](#)
 - » [Monitoreo de la Calidad de Aguas Costeras y Estuarinas: La Transición de MODIS a VIIRS](#)
- [Monitoring Coastal and Estuarine Water Quality Using Remote Sensing and In Situ Data](#)



ARSET empowers the global community through remote sensing training.



- [Processing Satellite Imagery for Monitoring Water Quality](#)
 - » [Procesamiento de Imágenes Satelitales para el Monitoreo de la Calidad del Agua](#)
- [Integrating Remote Sensing into a Water Quality Monitoring Program](#)

Water Resources Management

- [Applications of Remote Sensing-Based Evapotranspiration Data Products for Agricultural and Water Resource Management](#)
- [Mapping and Monitoring Lakes and Reservoirs with Satellite Observations](#)
- [Using Earth Observations to Monitor Water Budgets for River Basin Management II](#)
- [Using Earth Observations to Monitor Water Budgets for River Basin Management](#)

Hydrology

- [SAR for Disasters and Hydrological Applications](#)
 - » [SAR para Desastres y Aplicaciones Hidrológicas](#)

Relevant Upcoming Trainings:

- Monitoring Surface Water for Water Resources Management
- Fundamentals of Remote Sensing for Water Applications (Self-paced)

For a searchable list of ARSET trainings offered through 2024, please access our Online Resource Guide [here](#), or view all available trainings [here](#).

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