

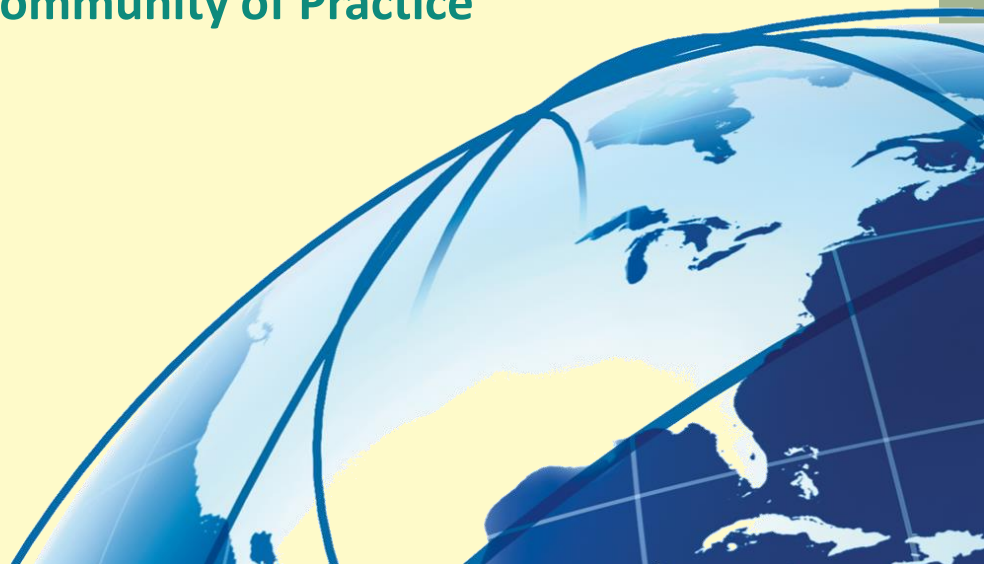



GROUP ON
EARTH OBSERVATIONS

AquaWatch
The GEO Water Quality Initiative

The GEO AquaWatch Initiative

The Water Quality Community of Practice





Communities of practice are groups of people who share a concern or a passion for something they do and learn how to do it better as they interact regularly.

communicate

Capture and share existing knowledge

exchange of information

identify solutions to common problems

Provide shared context

Stimulate learning

Help people organize

solve challenging problems

understanding and insight

Generate new knowledge

Connect people

evaluate best practices

share information

personal experiences

Enable dialogue

free flow of ideas

stories mentoring

develop tangible results

collaborative processes

explore new possibilities

create new mutually beneficial opportunities

SEVEN PRINCIPLES FOR CULTIVATING COMMUNITIES OF PRACTICE

- Design for evolution.
- Open a dialogue between inside and outside perspectives.
- Invite different levels of participation.
- Develop both public and private community spaces.
- Focus on value.
- Combine familiarity and excitement.
- Create a rhythm for the community.

Cultivating Communities of Practice: A Guide to Managing Knowledge, by Etienne Wenger, Richard McDermott, and William M. Snyder

AquaWatch Mission

The mission of AquaWatch is to:

Improve the coordination, delivery and utilization of water quality information for the benefit of society



GEO AquaWatch Goal

- AquaWatch aims to develop and build the global capacity and utility of Earth Observation-derived water quality data, products and information to support water resources management and decision making.



Chesapeake Bay Buoy – NOAA Image



Lakes Mendota & Monona -University of Wisconsin SSEC image

AquaWatch Objectives



- Objective 1: Facilitate effective partnerships between the producers, providers and users of water quality data, products and information.
- Objective 2: Improve analysis and integration of in situ and remote sensing water quality data.
- Objective 3: Develop and deliver fit-for-purpose water quality products and information services.
- Objective 4: Support technology transfer and access to water quality data products and information.
- Objective 5: Advocate for increased education and capacity for the use of water quality information for decision making.

Current Activities

The Water Quality Information Service Project

- AquaWatch is working to develop an operational water quality information systems based on Earth observation with a focus on the developing world, leveraging and transferring capabilities of developed nations

Website

www.geoaquawatch.org

AquaWatch Governance Structure

