

The GEO AquaWatch Initiative

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VITO NV

User Uptake Workshop: Earth Observation for Inland and
Transitional Water Quality and Aquatic Vegetation
Monitoring

Copenhagen, Denmark



Group on Earth Observations (GEO)

- GEO is a voluntary partnership of governments and organizations that is working to link Earth observation resources world-wide for the benefit of society



- GEO currently has 100+ member countries and 100+ participating organizations

Global Earth Observation Systems of Systems

- The GEO community seeks to build a Global Earth Observation System of Systems (GEOSS).



GEO AquaWatch

- AquaWatch is an initiative of GEO that focuses on inland and coastal water quality



- AquaWatch participants presently include individuals from various organizations including state, federal, and international governmental agencies, private consulting companies, nonprofit organizations, nongovernmental organizations and academic institutions.

GEO AquaWatch

- 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 Mission

- The mission of AquaWatch is to:

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



AquaWatch Working Groups

- AquaWatch has have five Working Groups (WGs). The function of the WGs is to support timely and successful project implementation and task execution, and provide necessary scientific, technical and other support as required for projects, tasks and activities.



Current Activities

The Water Quality Information Service

- 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

Current Activities

Water Quality Information Service Work Packages



Current Activities

Booklet:

- AquaWatch recently completed an informational booklet on water quality monitoring.
- The booklet is available on the AquaWatch website www.geoaquawatch.org



Future Activities (2018 – 2019)

- Continue to build on the water quality information service
- Engage with users of water quality information and identify their priority needs
- Populate formal Steering Committee and build Working Group activities
- Work to increase engagement and collaboration with the water quality community
- Begin capacity building activities

How can you get involved?

- Contact the AquaWatch Secretariat at info@aquawatch.org
- Express interest in the Steering Committee or Working Groups

www.geoaquawatch.org

Questions?

AquaWatch
The  Water Quality Initiative