



# Citizen Science for the CAL/VAL of satellite aquatic products

Date: 11 October 2022, 13:00 – 15:30 CEST

Virtual

## Scope

The Water-ForCE project will develop a Roadmap for the future water component inside of the Copernicus Services. The Roadmap, among other things, will define which is the most optimal long-term strategy to achieve a closer cooperation between remote sensing, in situ and modelling communities in order to build an optimal network that provides necessary information about inland and coastal waters to policy makers, managers, researchers and general public.

In situ data acquisition is an expensive process that needs high-frequency and broad spatial coverage to be fully useful in remote sensing calibration and/or validation exercises. An important new source of spatially intensive data acquisition, the crowd sourcing carried out inside of Citizen Science initiatives, has been developed in previous projects within the EU by, among other things, the development of tools and citizen observatories solutions.

## Objective

The aim of the workshop is to bring together citizen science and remote sensing specialist with relevant experience to fully explore the possibilities of Citizen



Water-ForCE is a Coordination and Support Action (CSA) that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101004186.

Science for calibration and validation of Copernicus water quality and quantity products, focused in the identification of:

- Opportunities/potential for Cal/Val
- Gaps & problems Identified
- Needs
- Data Quality, format and uncertainties

The outcomes and recommendations from this workshop will be included in the project deliverable 4.4 " Report on recommendations for the uptake of alternative monitoring methods" as well as in the Water-ForCE Roadmap for Copernicus water services.

## Agenda

### Introduction to the workshop

Igor Ogashawara (IGB Berlin) and Carmen Cillero (3edata) 13:00-13:15

### Citizen Science for water resource management in the context of SDGs.

Debbie Chapman (University College Cork) 13:15-13:30

### Citizen Science Mobile Apps for satellite cal/val activities. Eye On Water

#### Australia

Janet Anstee (CSIRO) 13:30-13:45





**Citizen Science for the validation of water quality satellite products**

Leif Olmanson (University of Minnesota)

13:45 – 14:00

**Citizen Science Data Management**

TBD

14:00 – 14:15

**Time for discussion**

14:15 – 15:30



[@H2020WaterForCE](https://twitter.com/H2020WaterForCE)



Water-ForCE is a Coordination and Support Action (CSA) that has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101004186.