

# Report back BW3: Inventory of current ocean colour mission validation activities

IOCS Meeting 2023

Wednesday 15<sup>th</sup> November 2023

St Petersburg, FL, USA

# Objectives

## Key questions:

- What field validation activities are planned in 2024 and beyond to support international satellite ocean color performance assessments?
- What gaps exist in the capabilities of each activity?
- What gaps exist in the performance assessment needs of various missions?
- Can various organizations coordinate, complement, and support each other to realize and/or improve the validation objectives of each mission?

## Desired outcomes:

- Facilitate connections to identify and leverage opportunities
- Comprehensive, documented inventory of field activities planned for 2024 and beyond

# At the breakout workshop ...

## **Presentations:**

- Institutions presented (following a template): an overview of their validation objectives, scope, and program(s); the geographic regions to sampled; the measurements to be collected; and a list of gaps and opportunities
- Presenters included: NASA, ESA, EUMETSAT, NOAA, JAXA, CONAE, CSIRO/IMOS

## **Topics of discussion:**

- Responsibility for catalogue (i.e., where should it reside) and how should it look
- Hurdles for collaboration: data sharing, locating datasets, instrument sharing, instrument availability, dois/credits

# Deliverables and recommendations

## Deliverables:

- Develop strategy for sustaining international conversation on planned activities, gaps, and opportunities
- Pathway towards a tool (website, map, etc.) that is regularly updated and public accessible
- Report/whitepaper for IOCCG

## Recommendations:

- IOCCG maintains a living inventory of validation activities (12 months)
- Create a webtool that allows the community to submit their information in an easy manner (12 months)
- A data catalogue that indicates where agencies/countries keep their data and how to download to accompany the validation inventory (12 months)

**PACE UPDATE!**



**PACE**





15/11/2023



Inventory of current ocean color validation activities