



# OOPC report

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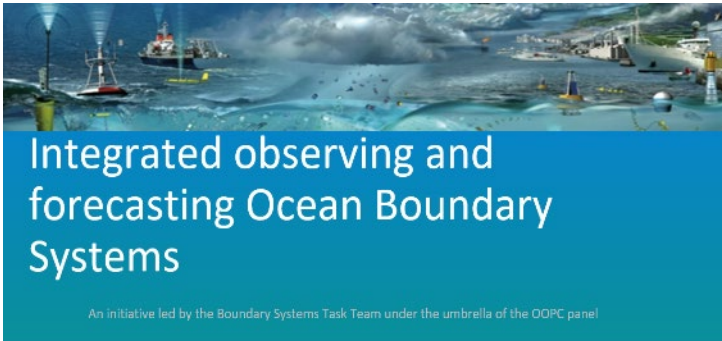
GCOS SC-30, 7-8 December 2022  
(Online)

GCOS • GOOS • WCRP

**OOPC** Ocean  
Observations  
Physics and  
Climate panel



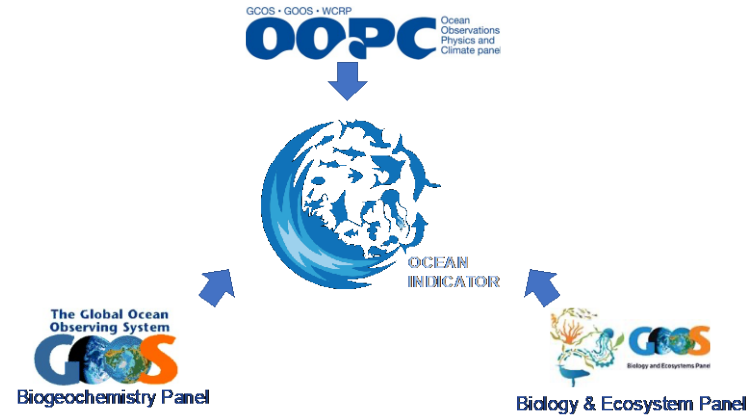
# ACTIVITIES 2022



## Series of webinars on Boundary Systems

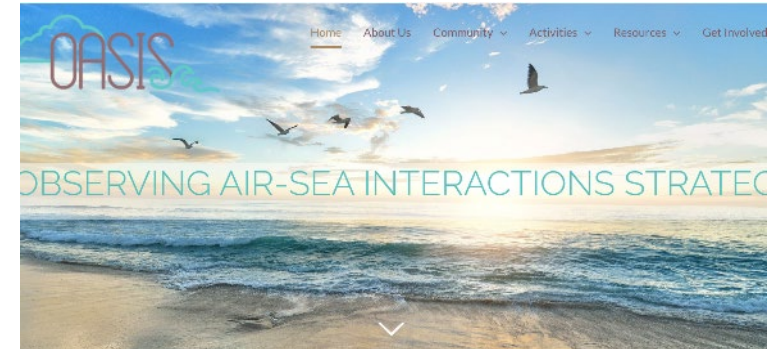
6 “dialogues” between the modelling and observing community in 6 boundary systems.

- Paper being prepared with recommendations to develop ocean observing systems



## Ocean Indicators Framework

- Multidisciplinary group of experts mobilized (28 members)
- Round of interviews undertaken
- “Baseline” paper being drafted with proposals for an initial set of indicators



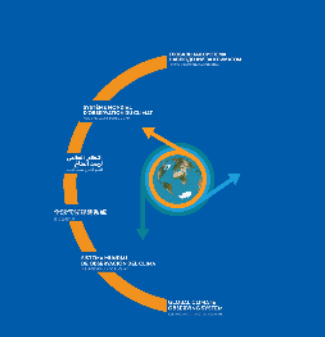
## OASIS

- Resolve air-sea fluxes
- Large multidisciplinary community mobilized

This activity is *de facto* a cross-GOOS and cross-GCOS action

# ACTIVITIES 2022

The 2022 GCOS Implementation Plan



The 2022 GCOS ECVs Requirements



4 Panel meetings and 8 individual meetings held

- OOPC contributing to GCOS IP and review process and channeling input from GOOS BGC and BioEco panel
- OOPC updating ECV requirements in view of the feedback received during public review

From Global to Coastal:  
Cultivating New Solutions and  
Partnerships for an Enhanced Ocean  
Observing System in a Decade of  
Accelerating Change



15-17 August 2022 Triest, Italy

- 21 onsite and 36 online participants from 29 countries attended the workshop
- Weidong Yu Sabrina Speich co-chairs of the Scientific Committee
- CLIVAR-GOOS cooperation and initiatives discussed



# ACTIVITIES 2022



17-19 October 2022 Darmstad, GE

- Ocean community very well represented
- Sabrina Speich chair of the Scientific Committee of the Conference
- 5 OOPC experts present at the Conference and giving talks



OOPC-25, 20-21 October 2022

- Better streamlining of CLIVAR/OOPC interactions
- Explore new activity: regionalization (coastal regions) of heat and freshwater exchanges
- Bottom pressure accepted as an EOVS
- Renewal of members: call for applications

## *On top of the running activities (BSTT, Indicators, OASIS...)*

- The 42 applications received in the call for members will be reviewed and **4 new members will be selected**
- OOPC will start preparing its **new Workplan 2024-2027**, taking into consideration Actions in GCOS IP as well as lines of work in GOOS Implementation Plan
- OOPC members will be involved in the Statement of Guidance and requirements for Ocean Applications in the **revised RRR (SC-ON)**
- Participation in the **GCOS Joint Panel Meeting** in Bonn, June 2023

1. **Alignment with WCRP still not optimal** → a discussion with CLIVAR has been started but there are other connections to improve (Lighthouse Activities, ESMO...)
2. Many requests on OOPC due to its intermediary role (GOOS and WMO, across GOOS panels...) → **lack of human resources** to engage properly (e.g. now with SC-ON and the RRR process)



THANK YOU

GCOS • GOOS • WCRP

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