



OOPC report

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Belén Martín Míguez (Sec support)

GCOS SC 29, 7-9 December [online]

GCOS • GOOS • WCRP

OOPC Ocean
Observations
Physics and
Climate panel



OOPC Role



OOPC oversees

- the ocean component of **GCOS** and
- the physical variables for **GOOS**,
- while defining sustained ocean observing requirements for **WCRP**

Membership

Benjamin Rabe

Sabrina Speich

Eitarou Oka

Meghan Cronin



Tony Lee



Karina von Schukmann

Belén Martín Míguez
(Secretariat Support)



Weidong Yu



M. Paz Chidichiamo



Marjolaine Krug



Peter Oke

Achievements

ACHIEVEMENTS 2021 (focused on GCOS/WMO)

- **OOPC has continued his activity (8 videoconferences)** but it has been impacted by the lack of physical meetings.
- **OOPC has contributed significantly to GCOS and WMO related activities:**
 - WMO 2021 Bulletin on the Ocean (January 2021)
 - GCOS/WCRP Climate Observations Conference (postponed) → Sabrina Speich taking on the leadership of the Scientific Committee
 - GCOS Joint Panel Meeting → active involvement in the cross-cutting sessions (April 2021)

ACHIEVEMENTS 2021 (focused on GCOS/WMO)

OOPC has contributed significantly to GCOS and WMO related activities (cont'd):

- Writing of the GCOS Status Report
- Working on the new GCOS IP
 - ✓ GCOS Editorial Board
 - ✓ Work from the panel (defining Actions)
- Joint Study Group on the evolution of GCOS, leading the Mandate Expansion and Value Chain subteams
- Regular meetings with GCOS chair and other panel co-chairs
- GCOS Task Teams: TT Adaptation and TT Cycles (on hold)

Work ahead

WORK AHEAD

1. GCOS Implementation Plan

Refining OOPC Actions and ensuring its proper integration in GCOS IP

2. GCOS Climate Observation Conference

Contributing to the planning and development of the scientific programme and mobilization of the ocean community to participate.

3. Contribution to GCOS Task Team on Adaptation and Extremes and GCOS Task Team on Earth System Cycles

WORK AHEAD

4. Connection with WCRP (relevant to Item 2.1 of GCOS SC agenda):

- **OOPC mostly connects WCRP through its core project CLIVAR**, particular its regional panels, including Indian Ocean Atlantic Ocean Panel, the Pacific Ocean Panel and Southern/Northern Ocean Panels.
- **OOPC is co-building** (within the interim SSG) one of the new WCRP core project , The Earth System Model-Observations home.
- **OOPC should also be strongly involved in the other new core project**, the Regional Climate Information for Society.
- **CLIVAR-GOOS Observing System Workshop** will be convened in the second half of YR2022.

Issues

1. **URGENT!** New members are needed

OOPC has lost 4 members this year (only 10 members now) → some of the activities are on hold and it is difficult to request extra work from the current members

2. OOPC is facilitating a greater connection between GCOS and GOOS programmes, **however, the alignment with WCRP is still not optimal.**



THANK YOU

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OOPC Ocean Observations Physics and Climate panel

