

Global Synthesis and Observations Panel (GSOP)

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Panel overview

GSOP is responsible for the definition and promotion of CLIVAR's overall global needs for sustained ocean observations, and the evaluation of model-based synthesis of ocean observations. The topics of GSOP include:

- Metrics to evaluate ocean and coupled syntheses, to promote the utility of synthesis products for climate applications (forecast, initialization)
- Requirement for globally sustained observations and promote the use of resulting data sets in global synthesis efforts (CLIVAR datasets)
- Develop, promote and seek to implement strategies for the synthesis of global ocean, atmosphere and coupled climate information

Achievements for 2017-18

The primary accomplishment for this past year has been to revitalize the committee membership.

Remaining from current membership for one more year (until 31 December 2019):

- Lisan Yu (one year special extension after 6 years on the panel)
- Yan Xue
- Yosuke Fuji
- Paulo Henrique Calil

Removed from membership:

- Catia Domingues
- Matt Palmer
- Craig Donlon

New members:

- Matt Mazloff (Scripps Institution of Oceanography)
- Nathalie Zilberman (Scripps Institution of Oceanography)
- Isabella Ansorg (University of Cape Town, South Africa)
- François Counillon (NERSC, Bergen)

1 to 2 new members may also come from the on-going online call

Plans for 2019 and beyond

Convene a panel meeting as soon as possible in early 2019.

Articles/Products published in 2017/18 as part of panel activities (if any)

First version of IQuOD Quality-controlled in-situ database supported by GSOP has been released (www.iquod.org).

ORA-IP Special issue has been published in 2017.

Budget and other needs for 2019

Support for panel meeting, to be held in Woods Hole, MA, USA in early 2019.

Annex A

Proforma for CLIVAR Panel requests for SSG approval for meetings

1. **Panel or Working Group:** GSOP
2. **Title of meeting or workshop:** 10th Session of CLIVAR Global Synthesis and Observations Panel (GSOP-10)
3. **Proposed venue:** Woods Hole, USA
4. **Proposed dates:** First semester 2019
5. **Proposed attendees, including likely number:** GSOP members plus invited experts, total ~20
6. **Rationale, motivation and justification, including: relevance to CLIVAR science & WCRP Grand Challenges, and any cross-panel/research foci links and interactions involved:** The planned meeting aims at revitalizing GSOP after the brand membership and plan the activities for the next two years. It is planned to invite experts (external to GSOP) to discuss topics and way to achieve the GSOP Terms of Reference.
7. **Specific objectives and key agenda items:**
8. **Anticipated outcomes (deliverables):** Meeting Report
9. **Format:** 2-day meeting
10. **Science Organizing Committee (if relevant)**
11. **Local Organizing Committee (if relevant)**
12. **Proposed funding sources and anticipated funding requested from WCRP:** US\$ 7.5k (carry over from 2018 budget).