

OceanPredict Operational Systems Working Group  
Meeting #2 – 20 May 2022  
Minutes and actions

Actions

- All – notify Fraser/David of any updates to membership list or minutes
- Fraser/David – update purpose to “Working together to define common challenges in operational oceanography and drive solutions”
- All – send 2 or 3 slides to Fraser/David by 8 June for OPST-6. Slides should:
  - Propose system report structure
  - Present system status and advances
- Fraser/David – synthesise and share draft OPST presentation by 10 June
- Fraser/David/Kirsten/Jay – set up small team to look at best practices
  - All – please volunteer if interested
- Fraser – share Yosuke's slides with group
- Fraser/David – discuss and arrange system overview seminars

Attendees

- Clemente Tanajura
- David Ford
- Emanuela Clementi
- Fraser Davidson
- Gary Brassington
- Goro Yamanaka
- Jay Pearlman
- Jennifer Veitch
- Kirsten Wilmer-Becker
- Kristian Mogensen
- Liyang Wan
- Luiz Claudio Fonseca
- Simona Masina

Minutes

- Jennifer Veitch welcomed to the group.
- Terms of reference were presented for final approval. Gary suggested modifying the purpose to “Working together to define common challenges in operational oceanography and drive solutions”. Otherwise, everyone happy with the ToR and OPOS-WG as a name.
- Fraser gave a short presentation on OPST-6 and system reporting approach.
  - Gary suggested having a more common template.
  - Kristian suggested one group writes a report first, and others follow their approach.
  - Jay suggested adding “evolution of best practices” as a topic.
  - Simona asked if reps would remain at national level, or if each system would have its own. Kirsten replied that we should rethink what information is requested and how it is reported, but it should remain at national level. Simona agreed.

- Fraser presented two options for OPST-6. 1) Groups provide 2-3 slides suggesting report structure and presenting system status, with reports to be written after OPST. 2) Reports based on previous format are written before OPST. The consensus was option 1.
  - Reps should send slides to Fraser/David, who will synthesise into a presentation for OPST-6, and share a draft of this with the group in advance. The final presentation, along with each group's slides, will be shared with OPST members before the meeting.
- Fraser gave a short presentation on OPOS-WG's relationship with Decade activities.
  - Jay said there will be an architecture working group in DITTO we may wish to engage with.
  - Simona pointed out CoastPredict was missing from the list and should be included.
- There was a discussion of best practices. It was agreed to begin with best practice on reporting system performance. First step is agreeing a common way to report.
- System updates:
  - Fraser – Canada working on new strategy covering global -> regional -> port scale activities.
  - Gary – Upgraded Australian operational system forthcoming. Also had recent success running first global ocean-sea ice system in hindcast mode.
  - There followed a discussion on sea ice thickness assimilation activities, mostly in the chat (Gary, Simona, Clemente, David).
  - Jennifer has been using Bluelink reanalysis with success.
- Further discussion on best practices. Need to identify need in order to get buy-in, and to identify a customer for report. It was suggested to set up a small team to look at this – Fraser, David, Kirsten, Jay happy to be involved. Other volunteers may be solicited.
- Fraser showed some slides from Yosuke Fujii on OSSEs, which will also be shown at OPST-6. These suggested a common nature run for OSSEs within the Decade.
- Kirsten asked about the previously proposed system overview seminar series. Fraser/David will discuss and set this up – still be decided whether to make it part of these meetings, or to have separate “seminar” and “business” meetings.