

Operational systems representatives meeting

Wed, 10 Nov 2021

Attendance:

- Laurent Bertino
- Giovanni Coppini
- Fraser Davidson
- David Ford
- Pat Hogan
- Jean-Michelle Lellouche (for Yann Drillet)
- Simona Masina
- Kristian Mogensen
- Arya Paul
- Gregory Smith
- Clemente Tanajura
- PN Vinayachandran
- Dakui Wang (for Guimei Liu)
- Kirsten Wilmer-Becker
- Goro Yamanaka

Apologies:

- Gary Brassington
- Do-Seong Byun
- Eric Chassignet
- Avichal Mehra

Discussion:

Fraser presented an overview of the role and importance of the OP system representatives, explaining that

- Currently each nat system has a representative on OPST
- Little interaction apart from annual meetings

and asked the question, should system reps get together to:

- Form a community of practice
- Discuss common challenges
- Exchange on Successes
- Address needed standards for accelerated inclusion of new research by OPST Task Teams
- Develop dashboards for overall forecast system advances

He highlighted advantages of forming a **working group or task team** with the national representatives including:

- Provide system reps with a mechanism to get organized
 - Enable discussions for improvements of the annual system reports, and help provide needed coordination across value chain (obs to end users)
- Enable to provide an overview of all systems to the OPST and tasks teams
- Enable communication from national systems (e.g. to task teams) to be more cohesive

In total, all national reps attending the meeting were in favour of setting up a National System Working Group (name TBC). Concerns and benefits highlighted included:

- Consideration of how to develop the best way of communication within the groups, given that systems are using different models (*Arya Paul*)
- Requirement to identify, agree and implement the ToR/group purpose (group members in collaboration with OPST)
 - Make sure possible overlaps with TTs are clarified, and areas of activities agreed (*Dakui Wang for Guimei Liu*)
- Forming our “own channel” for exchange of systems/national reps (*Laurent Bertino*)
- Group members to be aware of differences of possible contributions, as some systems may not be able to share system details (*Clemente Tanajura, Pat Hogan on Br Navy/US-Navy*)
- Consideration to include operational regional / ecosystem models (*David Ford*)
- Could help to improve the national report process and impact, by adding further items, streamline the layout, combine reports, etc. (*Jean-Michelle Lellouche for Yann Drillet*)
- How will the groups exchange with external groups, like ET-OOFS (*Simona Masina*)
- Various options for knowledge exchange (*Greg Smith*):
 - Sharing issues with the operational systems
 - Develop best practices for tech transfer procedures
 - Sharing information about system upgrades
 - Develop common process for implementing class-4 / intercomparison at each system
 - Use website for more information sharing, e.g. collection of links to system output/products (in parts available from the OP website:
<https://oceanpredict.org/science/operational-ocean-forecasting-systems/ocean-products-services/>)

Actions and agreements:

- OP national reps will form a new group to represent OP systems
- All OP national reps will be members, as well as members of OPST
- Fraser and Vinay will discuss names of possible co-chairs for the group and agree this with the relevant members offline
- Every OP national rep is invited to put their names forward to volunteer as co-chair
- The new group should be established by early Dec, so can be introduced at OPST-5