



OPST- 5: Welcome

Purpose
Updates
Today



OPST 5 Goals

Day 1	Focus on National Reps and functions of new working group Systems status and upcoming advances Working group setting
Day 2	Task Team collaborations and plans within Decade
Day 3	Advancing ForeSea plans: prediction value chain/organization set up advancing the science objectives Strategy Status and elements of ToR Next OPST meeting



OPST 4 Action Update (1)

OPST4-1: KWB to set up an online form by end of July 2021 to provide a mechanism for OPST members to endorse the new OP strategy.

OPST4-2: OP co-chairs to arrange for OP strategy document to be sent to OP partners for comments and feedback in the next few months. **Awaiting outcome of ForeSea joint advisory committee.**

OPST4-3: OPST co-chairs to prepare and provide response to UN Decade on ForeSea endorsement

OPST4-4: ForeSea SC to arrange setting up a ECOP group within ForeSea (Audrey Hasson (GBP) could provide information on an ECOP meeting should was taking part in).

OPST4-5: ForeSea SC to develop ForeSea implementation in collaboration with associated UN Decade programmers, e.g. DITTO, CoastPredict, and ObsCoDe.

OPST4-6: ForeSea SC to develop the UN Decade **project** identification, acceptance, funding and endorsement process with the help of UNDOS and programme partners

OPST4-7: The OP communication committee to extend its scope to also develop **ForeSea communication** plan including covering projects.

OPST4-8: OceanPredict to invite ETOOFS leads as members of the OPST

OPST4-9: ForeSea/ OP in collaboration with partners to map out the UN Decade programme linkages



OPST-4 Action Update (2)

OPST4-10: Fraser to set up regular interaction between OP (ForeSea) and ETOOFS addressing:
Support co-design of OO framework
Develop plans for close collaboration btw ETOOFS and ForeSea
Develop a prospectus/presentation highlighting OP/ETOOFS role in UNDOS to be given at IOC-WMO-JCB level
Consideration of engage WMO-IOC to set up OO framework
Plan to involve IV-TT and ETOOFS in discussion of guide/best proactive for the OO framework

Proposal made but JCB has not yet met since OPST-4

OPST4-11: Eric C to organise the setting-up of a “ForeSea Steering Committee” by mid Aug.
OPST4-12: Eric, Vinay and Fraser to take part in UN Laboratory on Predicted Ocean in Sep 2021 representing ForeSea
OPST4-13: OS-Eval TT co-chairs to organise web meeting with all other TT co-chairs in order to discuss ways to support and manage activities of SynObs.



Latest news from the programme office (1)

- **Events:** Many OP and TT meetings organised since OPST-4 – check the OP website. All meetings can be viewed in detail: <https://oceanpredict.org/archived-events/> → attendance, presentations, notes and in some case also recordings. Any questions, send an email to the programme office
- **Systems:** National system information (<https://oceanpredict.org/science/operational-ocean-forecasting-systems/>) is available to browse online (using the national report tables). Please check whether your system information is showing the latest details and let the programme office know if an update is needed.
- **Support for ForeSea and SynObs:** The programme office organised the invitation of the [ForeSea Steering Committee](#), is supporting the planning for the co-advisory committee across UN Decade programmes, hosted the first FS SC meeting, and facilitated meetings and documentation in support of SynObs.



Latest news from the programme office (2)



- **Newsletter:** As discussed at the OPST-4, OP has now a newsletter to be published before the end of the year. The draft version is now being revised by the communication committee.
- **Publication list:** A list of the latest OP related publications will be published before the end of the year, thanks to your generous input received over the past weeks.
- **Future events:** include the upcoming OPAS meeting in Jan, the [next COSS-TT meeting in Montreal](#), hopefully with some direct interaction with attendees, a EuroSea/OceanPredict workshop likely to be held in June 2022. There are likely to be shorter TT and working group meetings.
- **Strategy and governance:** Programme off will continue to support the revision, review and completion of the OP strategy and governance documents (more later in the meeting).



Communications Team Update



ForeSea Update

- Participation in September Decade Laboratory along with ObsCode and CoastPredict
- ForeSea Steering Committee in place (list on next page)
- Joint Advisory Committee will go ahead:
 - Discussions with ObsCode, CoastPredict and ForeSea
 - Trying to keep number between 10-20
 - Anticipated in place by January
- Decade Collaboration Center discussions
 - MOI has submitted a DCC proposal
 - Great help in building full value chain framework
- ForeSea has not made explicit call in 2nd Decade proposal call (will consider call in 3rd proposal call).
- Will look at projects proposed in 2nd Decade proposal call and endorse where needed (ie SynObs)



ForeSea Steering Committee: meeting comments Nov 11th

- Consideration to accept GOOS as the ocean information value-chain framework
- Improving connectivity between partners and partner institutions to achieve common aims, and helping each other work together
- Planning for aligning the operational oceanography effort by making systems interoperable and sharing access to data, models and products (including ocean source/code sharing)
- Consideration to create a quality assurance system for reanalysis
- Consideration to encourage project submission to explicitly underpinning the ForeSea programme priorities (as on fact sheet)
- Including best practice as an important aspect for ForeSea and unifying this for modelling and forecasting groups
- Concern about how marine ecosystems is mentioned as part of the Earth system, rather than as ocean
- Requirement to learn more about the Decade supporting structure and their different platforms, centres and communities
- Develop plans for reaching out to our partners on all sides of the value-chain (observing system, services and end users)



ForeSea Steering Committee

Eric Chassignet, FSU

Santha Akella, NASA

Enrique Alvarez Fanjul, Puertos del Estado

Eric Bayler, NOAA/NESDIS

Stefano Ciavatta, PML

Fraser Davidson, DFO

Pierre De Mey-Frémaux, CNRS/LEGOS

Yosuke Fujii, MRI-JMA

Frank Karger-Muller, Univ. of South Florida

Greg Smith, ECCC

Ann-Kristin Sperrevick, Met.No

Martin Visbeck, GEOMAR

Kirsten Wilmer-Becker, Met Office

PN Vinayachandran, Indian Institute of Science

Peter Oke, CSIRO

Afonso Paiva, Univ. of Rio de Janeiro

Elisabeth Remy, MOi



National Reps and WG

- National Reps met Nov 10 2021
- **Should Reps get in a WG to:**
 - Form a community of practice
 - Exchange on Successes
 - Develop dashboards for overall forecast system advances – Discuss common challenges
 - Address needed standards for accelerated inclusion of new research by OPST Task Teams
 - ... see <https://oceanpredict.org/science/operational-ocean-forecasting-systems/op-national-systems-working-group/#section-meetings>
- YES

1	Laurent	Bertino	NERSC
2	Giovanni	Coppini	CMCC
3	Fraser	Davidson	DFO
4	David	Ford	Met Office
5	Pat	Hogan	NOAA
6	Jean-Michelle	Lellouche	Mercator Ocean international
7	Simona	Masina	CMCC
8	Kristian	Mogensen	ECMWF
9	Arya	Paul	INCOIS
10	Greg	Smith	ECCC
11	Clemente	Tanjura	UFBA/ REMO
12	PN	Vinayachandran	Indian Institute of Science
13	Dakui	Wang	NMEFC
14	Kirsten	Wilmer-Becker	Met Office
15	Goro	Yamanaka	MRI-JMA



National Reps Presentation and WG Discussion

- **80 min** National Reps Presentations
 - System Status overview (regional and global)
 - System Status plans
 - What TT activities are/could be helpful/beneficial for your system
 - Ideas around defining national working group
- **20 min** Discussion
 - Recap on benefits of new working group
 - Group scope/diversity (BGC, Coastal..)
 - How does new WG need to be connected to other groups and task team

