

# OPST-6

15-17 June 2022

## AGENDA

*(Version: 15 June 2022)*

Virtual event (MS Teams)

## Purpose of meeting

- (1) Decade → Review of activities in Decade and where OceanPredict contributes, can contribute.
  - a. Understand purpose and intersects of the various activities in ObsCode, Coast Predict, DCC and ForeSea
  - b. Review OP objectives in Decade for ForeSea and current projects.
  - c. Common OP vision on ForeSea and Decade
    - i. Immediate goal: Better awareness of OP activities and systems
    - ii. Ultimate goals: Strong operational oceanography international ecosystem with continuous advancing science
  - d. ForeSea project creation approach
  
- (2) OPOS-WG:
  - a. OPOS-WG and Task Team relationships (including ToR)
  - b. OPOS-WG and Decade activities
  - c. OPOS-WG and system reporting
  
- (3) Learn about and support task team activities and plans
  - a. Relationship to Decade
  - b. Relationship, exchanges with other TT's and Working groups

## Meeting dates & times

The meeting will take place on **three days: 15, 16 and 17 of June 2022**, in 2-hour slots each day, using MS Teams, starting at the same time every day.

Times are as:

<i>West Coast US (PDT):</i>	<i>5:00 am</i>
<i>Washington DC (EST):</i>	<i>8:00 am</i>
<i>Montreal/Ottawa (EDT, Canada):</i>	<i>8:00 am</i>
<i>Brazil (BRT):</i>	<i>9:00 am</i>
<i>St John's (NDT, Canada):</i>	<i>9:30 am</i>
<i>UK (BST, Europe):</i>	<i>13:00 pm</i>
<i>Europe (CEST, continent):</i>	<i>14:00 pm</i>
<i>India (IST):</i>	<i>17:30 pm</i>
<i>China (Beijing):</i>	<i>20:00 pm</i>
<i>South Korea</i>	<i>21:00 pm</i>
<i>Japan (Tokyo):</i>	<i>21:00 pm</i>
<i>Australia (Sydney, Hobart, ..)</i>	<i>22:00 pm</i>

## Day 1 – Wednesday, 15 June 2022 (MS Teams) – 120 min

Participants can join up to 10 min before the meeting. Chat is open to everyone, and the meeting will be recorded.

Time	Description	Meeting chair and presenters	Shared material, comments
<b>Day 1 is chaired by Fraser and Vinay</b>			
5 min	Welcome	PN Vinayachandran	
80 min	<b>Update on Decade Activities (several 10 min presentations)</b>		
Notes	<ul style="list-style-type: none"> <li>- Presentations should be submitted ahead of time to permit OPST members to review them before the meeting, so that they can jump into the discussions right away</li> <li>- Overall objective is to understand the interaction and overall group objective of all UN Decade programmes and centers working together</li> <li>- Opportunity for Decade Programs to get feedback</li> </ul>		
20 min	<b>Update from the Decade Collaborative Centre (DCC)</b>	Enrique Alvarez	Presentation
10 min	<b>Digital Ocean/Ocean Prediction and Blue Economy (exact title TBD)</b> <a href="http://www.ocean.economist.com">www.ocean.economist.com</a>	Tatiana Der Avedissian	Presentation
10 min	<b>Digital Twin of the Ocean (DITTO)</b>	Martin Visbeck	Presentation
10 min	<b>Observing System Co-Design (ObsCoDe)</b>	David Legler	Presentation
10 min	<b>CoastPredict</b>	Villy Kourafalou	Presentation
10 min	<b>ForeSea</b>	Eric Chassignet	Presentation
10 min	<b>SynObs</b>	Yosuke Fujii or Elisabeth Remy	Presentation
30 min	<b>OP operational systems working group and Ocean Best Practices</b>		
30 min	<b>OPOS-WG</b> <ul style="list-style-type: none"> <li>• Terms of reference</li> <li>• Systems reports format and utility for Task Teams</li> <li>• <b>Ocean Best Practices</b></li> <li>• System updates</li> <li>• OPOS-WG potential impact on Decade and collaborations <ul style="list-style-type: none"> <li>○ ETOOFS, Decade Programs</li> </ul> </li> </ul>	Fraser Davidson and David Ford	ToR information Presentation(s)
5 min	<b>Adjourn / recap</b>	Co-Chairs	

## Day 2 – Thursday, 16 June 2022 (MS Teams) – 120 min

Participants can join up to 5 min before the meeting. Chat is open to everyone, and the meeting will be recorded.

Time	Description	Meeting chair and presenters	Shared material, comments
<b>Day 2 is chaired by Eric Chassignet</b>			
<p><b>Presentations from the Task teams (20 min each).</b>  <b>Please provide the following information</b></p> <p>(1) Overall status and plans of TT activity            (2) UN Decade TT contributions</p> <ul style="list-style-type: none"> <li>• What does your TT contribute to ForeSea and Decade Objectives (see list below)?</li> </ul> <p>NB: review information your TT provided at OPST-5 (link below), and update on <a href="https://oceanpredict.org/docs/Documents/OPST/Meetings/OPST-5-Dec-2021/Presentations/Task-Team-slides-Dec2021-update3.pdf">https://oceanpredict.org/docs/Documents/OPST/Meetings/OPST-5-Dec-2021/Presentations/Task-Team-slides-Dec2021-update3.pdf</a></p> <ul style="list-style-type: none"> <li>• What help do you need from OPST and ForeSea in pursuing decade activities?</li> <li>• Are there any OPST group projects you see that should be undertaken in the Decade?</li> <li>• How is the Task Team promoting what it's doing? Where should OPST and ForeSea push to amplify this promotion (e.g. through the communication committee, the DCC (when up and running), the OPOS-WG, etc.?)</li> <li>• What contributions would you like OP to make supporting the Digital Ocean approach?</li> </ul> <p><u>ForeSea objectives</u> are:</p> <ul style="list-style-type: none"> <li>• <b>Coordinate</b> ocean prediction world-wide in a sustainable manner towards maximum societal benefits</li> <li>• <b>Maximize</b> the benefits of ocean observations for ocean predictions and societal impact</li> <li>• <b>Support</b> development and maturation of the <b>full-length operational oceanography value chain</b>, from observations to end users, by using best practices and coordinating the integration of existing and new partners (international science initiatives and intergovernmental organizations)</li> <li>• <b>Advance the science</b> behind ocean prediction and its connection to the other components of the earth system, including the atmosphere, land, cryosphere, continental hydrology, etc.</li> <li>• Make ocean prediction science <b>more impactful and relevant</b> by collaborating with socioeconomic experts and stakeholders to quantify the impact and utility of ocean prediction for science and society, especially in coastal areas (in collaboration with CoastPredict)</li> </ul>			
	<b>Task Team reports</b>	<b>TT co-chairs</b>	
20 min	OS-Eval TT	Elisabeth Remy and Yosuke Fujii	Presentation
20 min	IV-TT	Fabrice Hernandez and Greg Smith	Presentation

20 min	MEAP-TT	Stefano Ciavatta and Marjy Friedrichs	Presentation
20 min	COSS-TT	Pierre De-Mey-Frémaux and Villy Kourafalou	Presentation
20 min	DA-TT	Matt Martin and Andy Moore	Presentation
20 min	CP-TT	Santha Akella, Chris Harris and Kristian Mogensen	Presentation
	Adjourn	Co-Chairs	

## Day 3 – Friday, 17 June 2022 (MS Teams) – 120 min

Participants can join up to 5 min before the meeting. Chat is open to everyone, and the meeting will be recorded.

Time	Description	Meeting chair and presenters	Shared material, comments
<b>Day 3 is chaired by Fraser Davidson and PN Vinayachandran</b>			
10 min	<b>ETOOFS</b> <ul style="list-style-type: none"> <li>• Info on connections between ETOOFS, OPOS-WG, OceanPredict, Decade...</li> <li>• Status of the Operational Oceanography Forecast Systems Guide</li> </ul>	<b>Pierre Bahurel</b>	Presentation
10 min	<b>Communications and Online Presence</b> <ul style="list-style-type: none"> <li>• working group report</li> <li>• Online systems Inventory</li> <li>• Options to improve/ augment</li> </ul>	<b>PN Vinayachandran</b>	Presentation
30 min	<b>Discussion on Decade plans</b> <ul style="list-style-type: none"> <li>• Decade interactions: ETOOFS, DCC, Best Practices,</li> <li>• Brainstorm on funding ideas, in kind support requests</li> <li>• Recap from Day 1 and 2: Decisions, Actions needed</li> <li>• OPOS-WG potential impact on Decade and collaborations</li> <li>• ....</li> </ul>	<b>PN Vinayachandran</b>	
10 min	<b>OP '24 – next OP symposium</b> <ul style="list-style-type: none"> <li>• Themes</li> <li>• Relation to Decade</li> <li>• Build program team for OP24</li> <li>• Where? (Europe, Asia, Australia?)</li> </ul>	<b>Eric Chassignet</b>	Presentation
20 min	<b>Housekeeping</b> <ul style="list-style-type: none"> <li>• Status of USGODAE server - potential options of additional/ alternate servers for OceanPredict?</li> <li>• Changes in OPST Co-chair positions</li> <li>• Programme office evolution</li> </ul>	<b>Fraser Davidson and OP officer</b>	Presentation

	<ul style="list-style-type: none"> <li>• Next OPST- face to face meeting</li> </ul>		
25 min	<p><b>OPEN Round Table discussion:</b></p> <p><b>To all OPST members:</b> Please contribute discussion items, announcements ahead of time</p> <ul style="list-style-type: none"> <li>• Global nature run for observing system design and OSSEs</li> <li>• Observing system representations in OP?</li> <li>• Ocean Prediction Application Guidance Task Team? <ul style="list-style-type: none"> <li>• Ensemble forecasting</li> <li>• Global uses</li> <li>• Coastal uses</li> <li>• E-Navigation products with standards: what do they miss from the overall ability of prediction systems?</li> <li>• How best to connect/fill/ contribute to Digital Ocean</li> <li>• Exemplar by Exemplar approach</li> <li>• What are large questions from end user groups/exemplars, and how to harness ForeSea / OceanPredict</li> <li>• Provides forum to contributing and connecting us to various Decade programs</li> </ul> </li> </ul>	PN Vinayachandran	
10 min	<b>OPST Actions</b>	Fraser Davidson / Kirsten Wilmer-Becker	
5 min	<b>Close of meeting</b>	PN Vinayachandran	