

# Agenda

## 1<sup>st</sup> COSS-TT strategy meeting

### Main theme: the COSS-TT in the UN Ocean Decade

9-11 June 2021, virtual (MS Teams)

#### WELCOME

Welcome to the first COSS-TT virtual meeting. We are pleased to take this opportunity to invite **all COSS-TT members** and **invitation-only guests** to discuss how the COSS-TT would contribute to the “[United Nations Decade of Ocean Science for Sustainable Development](#)” and specifically the Task Team’s potential involvement in “[CoastPredict](#)” and “[ForeSea](#)” that have been submitted for consideration to be endorsed as official UN Decade programmes. In addition to programmes, the UN Ocean Decade will endorse “Communities of Practice”, where several programmes will contribute. The COSS-TT co-chairs have been actively involved in these activities (and also with the SynObs project that has been submitted from the [OS-Eval TT](#)) and are eager to share outcomes with all COSS-TT members and to determine actions going forward.

#### MEETING TIMES

The meeting will take place over three meeting slots @ 2 hours (14:00 – 16:00 BST) on three consecutive days: This translates into the following meeting starting times for the various time-zones (selection):

West Coast US (PDT):	6:00 am
Washington DC (EST):	9:00 am
Montreal/Ottawa (EDT, Canada):	9:00 am
Brazil (BRT):	10:00 am
St John’s (NDT, Canada):	10:30 am
UK (BST, Europe):	14:00 pm
Europe (CEST, continent):	15:00 pm
India (IST):	18:30 pm
China (Beijing):	21:00 pm
South Korea	22:00 pm
Japan (Tokyo):	22:00 pm
Australia (Sydney, Hobart, ..)	23:00 pm

*Update: 10 June 2021*

## PROVISIONAL OUTLINE

1. **Presentations** of the status of relevant UN Ocean Decade programmes (focus on CoastPredict and ForeSea, including SynObs). Q/A on programmes, including possible funding aspects.
2. **Presentations** of specific science topics supporting COSS-TT/UN Decade engagement
3. **Round-table discussions** where each participant speaks in turn of their vision of the UN Ocean Decade, of the role of the TT, of any current or potential involvement, on any programmatic and funding opportunities. **In particular, Task Team members should be prepared to inform the TT about any national or international actions already planned or ongoing within the Decade in their parts of the world (please be ready for that).**
4. **Discussions on specific questions** (see below).
5. **Summary/vision by the TT co-chairs, with general discussion**

## DISCUSSION QUESTIONS

Preliminary list of specific questions:

- The COSS-TT is a natural steering and executive part of the ForeSea UN Ocean Decade programme, proposed by OceanPredict as a whole. On the other hand, the Task Team is well represented in the coordination (co-chair) and Steering Committee of the CoastPredict proposed programme. How can we (as an OceanPredict Task Team) seize this opportunity of playing a very active role at connecting the large-scale and coastal efforts over the next decade?
- Should we expand our [Terms of Reference](#), for instance towards more societal aspects? (sustainable development, coastal resilience, coastal vulnerability, etc.)
- Should we expand our [scientific objectives](#)?
- How can we engage TT members and affiliates (including COSS community members) for developing international projects/activities during the Decade?
- What are the opportunities for funding? What will have the highest chance of getting funded?
- Could we come up with a short list of Strategic Objectives (= what we do to fulfil our mission) for the TT, and a very approximate calendar of what would be feasible?

## AGENDA

**Note: Given the tight schedule and online format, speakers are requested to stay strictly within their allotted time. Thanks!**

### Day 1 – Wednesday 9<sup>th</sup> June (MS Teams meeting) – 120 min

Participants can join up to 15 min before the meeting and chat is open to everyone.

Accuml. Time (120 min max)	Time	Description	Meeting chair and presenters	Shared material, comments
20 min	20 min (15+5)	Welcome and meeting objectives with brief overview of UN Decade (incl. Q&A)	Co-Chairs	<a href="#">Link to Decade documents</a> (participants are invited to get familiar with description at link prior to the meeting)
40 min	20 min (15+5)	Introduction of UN programmes → <b>CoastPredict</b> (including what the programme expects from the COSS-TT)	Villy Kourafalou	<a href="#">Link to Decade documents</a> (participants are invited to get familiar with description at link prior to the meeting)
55 min	15 min (10+5)	Introduction of UN programmes → <b>ForeSea</b> (including what the programme expects from the COSS-TT)	Eric Chassignet (OceanPredict co-chair)	<a href="#">Link to Decade documents</a> (participants are invited to get familiar with description at link prior to the meeting)
<b>Topic block 1: Observing infrastructure in the coastal seas, integration with models and with forecasting</b>				
60 min	5 min	Introduction to the topic (incl. OceanObs'19 Task Team contributions)	Chair: Pierre De Mey-Frémaux	Links to OceanObs'19 Frontiers papers PDFs <a href="#">COSS (de Mey et al)</a> <a href="#">OS-Eval (Fujii et al)</a>

				(participants are invited to get familiar with the 2 papers at links prior to the meeting)
75 min	<b>15 min (10+5)</b>	<b>Introduction</b> of relevant projects within CoastPredict → <ul style="list-style-type: none"> <li><b>Project 1:</b> Synergistic Observing Network for Impactful and Relevant Ocean Predictions (SynObs); including what the project expects from the COSS-TT in coordination w/OS-Eval TT)</li> </ul>	<b>Yosuke Fujii (MRI, Japan)</b>	Link to <a href="#">SynObs</a> (participants are invited to get familiar with description at link prior to the meeting)
<b>CoastPredict project presentations – 4 min + 1 min questions/handover</b>				
85 min	<b>10 min (4+1 min for each project)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li><b>Project 2:</b> Brazilian Coast Monitoring System (SiMCosta);</li> <li><b>Project 3:</b> NOAA AX97 High Density XBT Line</li> </ul>	<b>Mauro Cirano (UFRJ, Brazil)</b>	
90 min	<b>5 min (4+1)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li><b>Project 4:</b> A European Integrated Coastal Ocean Observing and Predicting System – E-ICOOPS</li> </ul>	<b>Guillaume Charria (Ifremer, France)</b>	
95 min	<b>5 min (4+1)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li><b>Project 5:</b> Advancing global coastal observing and prediction systems</li> </ul>	<b>Rafael Schiller (Fugro, USA - Invited)</b>	
100 min	<b>5 min (4+1)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>Next generation of satellite technologies for coastal observation</li> </ul>	<b>Fabien Lefevre (CLS group - Invited)</b>	
115 min	<b>15 min</b>	<b>Discussion on strategic goals for the TT within this Topic</b> , and on possible modes of TT support to Decade projects in all relevant programmes (CoastPredict and ForeSea)	<b>All (chair: Pierre)</b>	
120 min	<b>5 min</b>	<b>Adjourn / feedback (via chat) / next day's meeting</b>	<b>Co-Chairs</b>	

## Day 2 – Thursday 10<sup>th</sup> June (MS Teams meeting) – 120 min

Participants can join up to 15 min before the meeting. Chat is open to everyone and the meeting will be recorded.

Accumulative Time (120 min max)	Time	Description	Meeting chair and presenters	Shared material, comments
5 min	5 min	<b>Brief intro</b>	<b>Co-Chairs</b>	
<b>Topic block 2: Integration of coastal ocean and estuaries/inland waters/coastal cities</b>				
10 min	5 min	<b>Introduction to the topic</b>	<b>Villy Kourafalou</b>	
<b>CoastPredict project presentations – 4 min + 1 min questions/handover</b>				
20 min	10 min (4+1 min for each project)	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>• <b>Project 6: PRESTHA</b> [Towards a global Prediction of ESTuarineHAbitat changes under climatic and human pressures]</li> <li>• <b>Project 7: NETFLUX</b> [Towards a global prediction of particulate NET FLUXes between estuaries and coastal oceans under climatic and human pressures]</li> </ul>	<b>Guillaume Charria (Ifremer, France)</b>	
25 min	5 min (4+1)	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>• <b>Project 8: FullContinuum: Next generation of models for a full coupling of the river-estuary ocean-atmosphere continuum (2021-2025)</b></li> </ul>	<b>Marilaure Grégoire (University of Liege, Belgium - Invited)</b>	
40 min	15 min	<b>Discussion on strategic goals for the TT within this Topic, and on possible modes of TT support to</b>	<b>All (chair: Villy)</b>	

		Decade projects in all relevant programmes (CoastPredict and ForeSea)		
<b>Topic block 3: seamless integration with larger-scale estimates within OceanPredict</b>				
45 min	<b>5 min</b>	<b>Introduction to the topic</b>	<b>Pierre De Mey</b>	
55 min	<b>10 min (4+1 min for each project)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>• <u>Project 9</u>: “NAVigating in the COASTal ocean” (NAVICOAST) (G. Mannarini);</li> <li>• <u>Project 10</u>: support for marine pollution hotspots’ screening in coastal zones (G. Coppini)</li> </ul>	<b>Ivan Federico (CMCC, Italy)</b>	
65 min	<b>10 min</b>	<b>Large-scale model verification in the coastal seas</b>	<b>IV-TT co-chair (Fabrice Hernandez or Greg Smith)</b>	
80 min	<b>15 min</b>	<b>Discussion on strategic goals for the TT within this Topic</b> , and on possible modes of TT support to Decade projects in all relevant programmes (CoastPredict and ForeSea)	<b>All (chair: Pierre)</b>	
<b>Topic block 4: Climate projections, coastal vulnerability and resilience</b>				
85 min	<b>5 min</b>	<b>Introduction to the topic</b>	<b>Villy Kourafalou</b>	
90 min	<b>5 min (4+1)</b>	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>• <u>Project 11</u>: Reliable Climate Projections in the Global Coastal Ocean</li> </ul>	<b>Jason Holt (National Oceanography Center, UK - Invited)</b>	
95 min	<b>5 min (4+1)</b>	<b>Introduction</b> of relevant projects within CoastPredict:	<b>Yannis Androulidakis (Univ. of</b>	

		<ul style="list-style-type: none"> <li>Project 12: Operational early-warning prediction system</li> </ul>	Thessaloniki, Greece - <u>Invited</u> )	
115 min	20 min	<p><b>Discussion on strategic goals for the TT within this Topic</b>, and on possible modes of TT support to Decade projects in all relevant programmes (CoastPredict and ForeSea)</p>	All (chair: Villy)	
120 min	5 min	<p><b>Adjourn/ feedback (via chat) / next day's meeting</b></p>	Co-chairs	

## Day 3 – Friday 11<sup>th</sup> June (MS Teams meeting) – 120 min

Participants can join up to 15 min before the meeting. Chat is open to everyone and the meeting will be recorded.

Accumul. Time (120 min max)	Time	Description	Meeting chair and presenters	Shared material, comments
5 min	5 min	Intro to day 3	Villy and Pierre	
10 min	5 min (4+1)	<b>Introduction</b> of relevant projects within CoastPredict: <u>Project 13</u> : Coastal Urban Resilience in a Changing Climate	Alan Blumberg (Jupiter Inc, USA - <u>Invited</u> )	
20 min	10 min (7+3)	<b>Introduction</b> of relevant projects within CoastPredict: <ul style="list-style-type: none"> <li>• ROTATE- Redefining the concept of the global coastal ocean</li> </ul>	Joanne Hopkins (NOC - <u>Invited</u> )	
45 min	25 min	<b>Strategic goals and TT role:</b> Within the OceanPredict-CoastPredict continuum	Villy and Pierre	
90 min	45 min	<b>Round table discussion on strategic goals and TT role</b>	All participants	
120 min	30 min	<b>COSS-TT housekeeping:</b> OPST-4 preparation questionnaire Next steps with discussion	Villy and Pierre	
125 min	5 min	<b>Final words and close of meeting</b>	Villy and Pierre	Co-chairs will summarize and present to OPST. TT will further advance at the face-to-face meeting next spring.