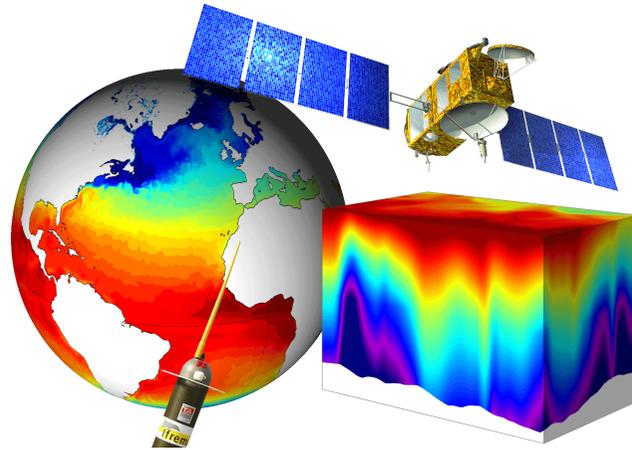


# Some thoughts on the COSS-TT workshop



Pierre-Yves Le Traon for the GODAE OceanView Patrons

# Coastal operational oceanography

Most of the operational oceanography applications are in the coastal zone

Many scientific challenges: observations, modelling (physics and ecosystem), data assimilation, seamless transition open sea & coastal zone, ocean/wave/atmosphere coupling, land and river inputs, etc

Operational and technical challenges: What do the applications require ? Can we meet these requirements ? If not where are the challenges ? Do the diverse applications have common needs (generic coastal service) ?

New needs and new requirements: environmental monitoring and regulation (e.g. Marine Strategy in Europe), marine renewable energy, pollution monitoring, aquaculture, etc



# On the role of the COSS-TT

Essential and very much needed. We need you !

Sharing of experience and knowledge is essential

Demonstrating the value of OO to serve applications

Defining common best practices : observations, modelling, data assimilation

Links with GODAE OceanView: seamless transition global/regional/coastal

Identifying most pressing science issues to better serve applications

***Defining priorities for coastal operational oceanography requires  
a common understanding and a long term vision of needs and  
capabilities***



## On the workshop outcomes

- Review ongoing coastal ocean forecasting projects in the world coastal oceans, with a particular focus in this workshop on model assessment **internal and external (users)**
- Define and implement an “adequate level” of international scientific coordination between coastal ocean forecasting projects, with the main goal of advancing science in support of coastal ocean forecasting, but considering scientific as well as operational/applicative objectives  
**should be based on a vision for the next 10 years for coastal OO**
- Discuss linkages and establish a common framework that can be communicated to funding agencies with the goal of establishing funded pilot projects;  
**most pressing science issues in relation with applications**
- Define the links with GOV, and in particular the steps to be taken to enhance the added value of GOV for coastal ocean forecasting projects, and of coastal ocean forecasting projects for GOV.  
**seamless transition, two way coupling, demonstrating the impact**

I am sure the meeting will be a productive one and that it will be run in a good and constructive spirit

Sorry for not being able to attend. I would have enjoyed very much being with you in Miami.

Enjoy your meeting !

