

IBI-ROOS data management Activities

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IBI-ROOS  
Iberia-Biscay-Ireland Regional Oceanographic System

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# User needs

- **Operational Users: need for real time in situ data both for assimilation ( Temperature and Salinity) and validation ( Sea Level, Current, Wind/Waves, Chlorophyll , ...)**
  - ⇒ Real-time data exchange set up and improving continuously with new platforms added and new data providers connected
  - ⇒ More advanced on physical data ( T, S, Sea Level, Wind/Waves) than on Biogeochemical data
- **Research community, operational users , downstream services require long time series for reanalysis activities and assessment activities**
  - ⇒ Temperature and Salinity, Sea Level , wind and waves
  - ⇒ Biogeochemical





# Historical data

- **Long Term path**

⇒ Get from SeaDataNet network « Best Products » that would retrieve from the network the best copy of an observation for public data and provide this product to MyOcean Regional portal

- ☹ The methods to extract from SDN are not ready yet and it should take at least one year to get them
- ☹ The service is not sustained yet even if it's targeted within EmodNet
- ☹ SDN connect NODCs but other institutes handle long time series interesting for our applications and not connected to SDN

# Historical Data

- **Short Term Path**

- ⇒ For the most urgent parameters ( Temperature , salinity, sea level) rely on the ROOSes partners
- ⇒ Retrieve the time series directly from data providers in Collaboration with MyOceanII that will carry out assessment activities for T&S data
- ⇒ Be prepared to contribute to the GMES Climate call that will be issued next Summer and extend to other parameters such as biogeochemistry

# Next Steps identified in 2011 still valid for 2012

- **Integrate BioGeochemical data for Ecosystem models**
  - ⇒ Know who are the institutes that perform such measurements  
**Can we elaborate a list**
    - ☹ very few feedback: does it means we have no observations? Not confident in the quality ?
- **Prepare T&S historical data ( 1990- now) for reanalysis purposes**
  - ⇒ Link with SeaDataNet within the MoU scope
    - Specific help from the NODCs involved in IBI ( Ifremer, IEO, NERC, MI, IH)
  - ⇒ Direct provision from partners if the historical data are not at National NODC
    - Coriolis started since 2000
    - PdE started from 2009
    - What else ?
  - ⇒ Need to provide first evidence for the V2 of MyOcean (Dec 2011) . Activity enhanced in MyOII
    - ☹ a so-so situation : some partners agreed but need to be turned into real data flow
    - 😊 Need more input to show real evidence on an enhanced service