

(Re)designing the distributed data infrastructure in Europe (National DAC, GDAC) in the context of EuroGOOS GTT and GROOM RI?

Pierre Testor

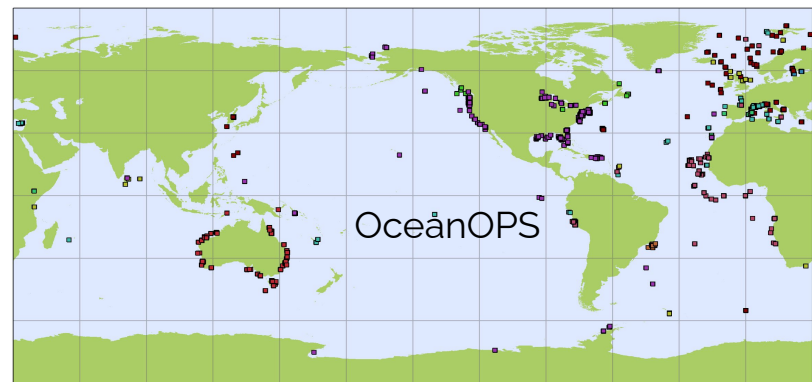
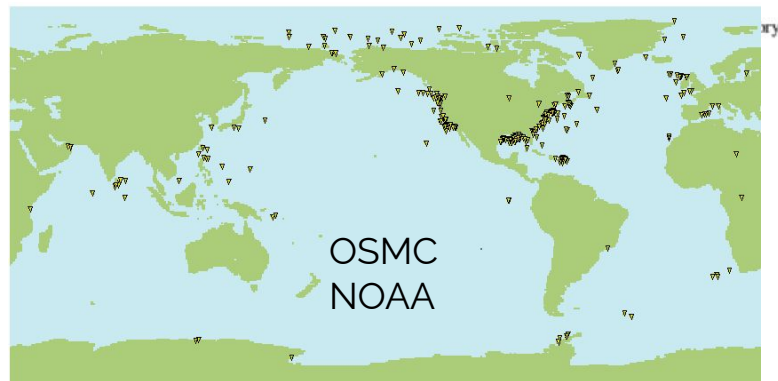
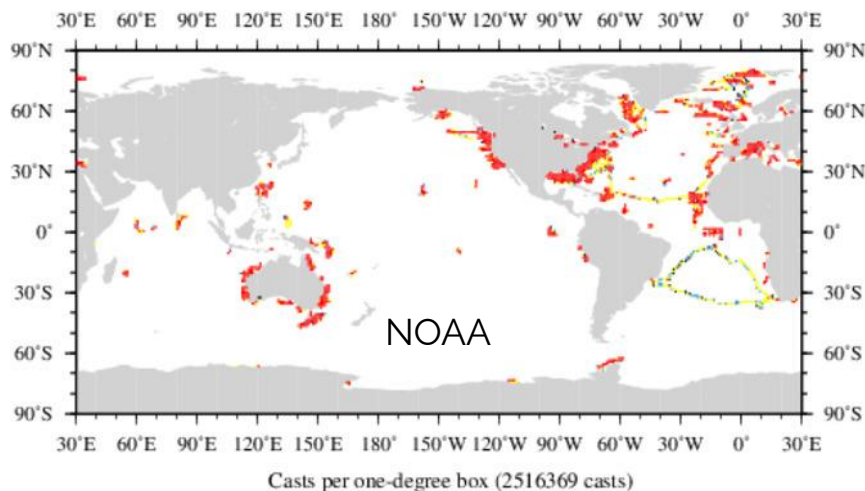
CNRS/LOCEAN, Paris, France

**European Glider Data Management Workshop,
Virtual, 20th June 2022**



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Gliders status at OceanOps, Coriolis/GDAC and aggregators

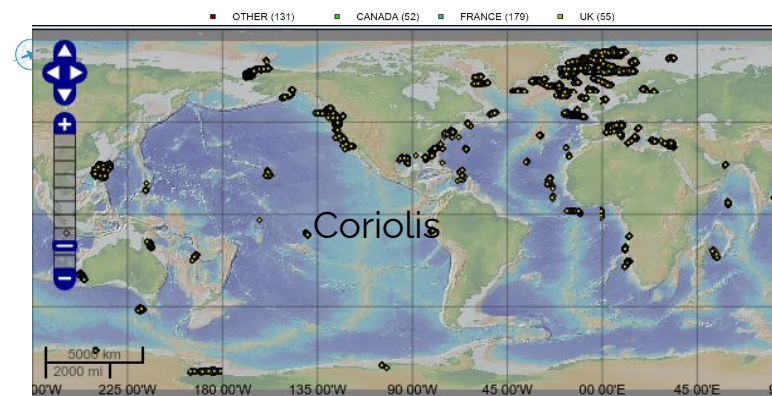


OceanGliders

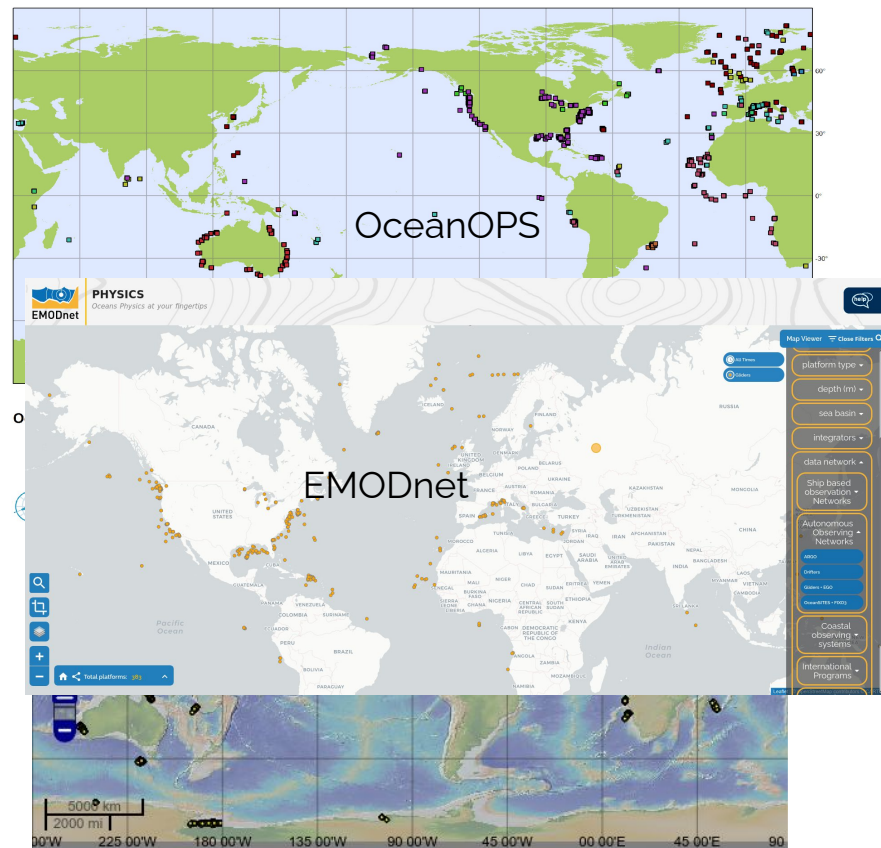
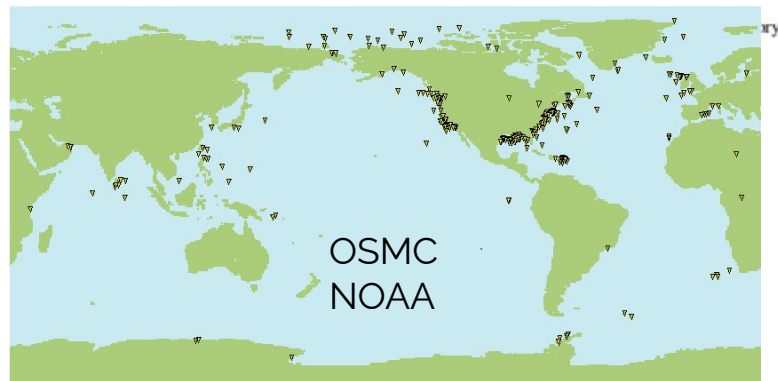
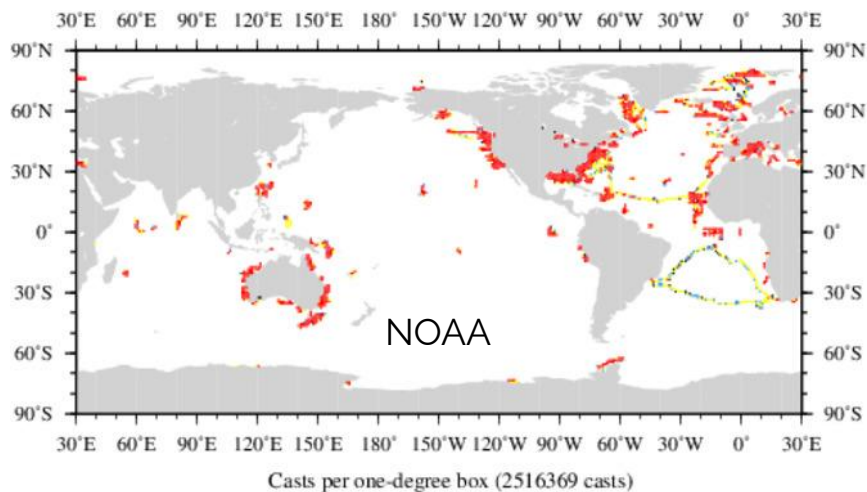
OceanGliders Deployments

February 2021

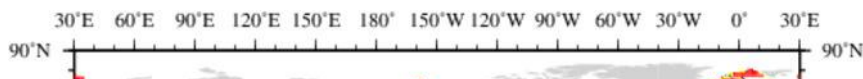
All glider mission deployment locations registered at JCOMMOPS



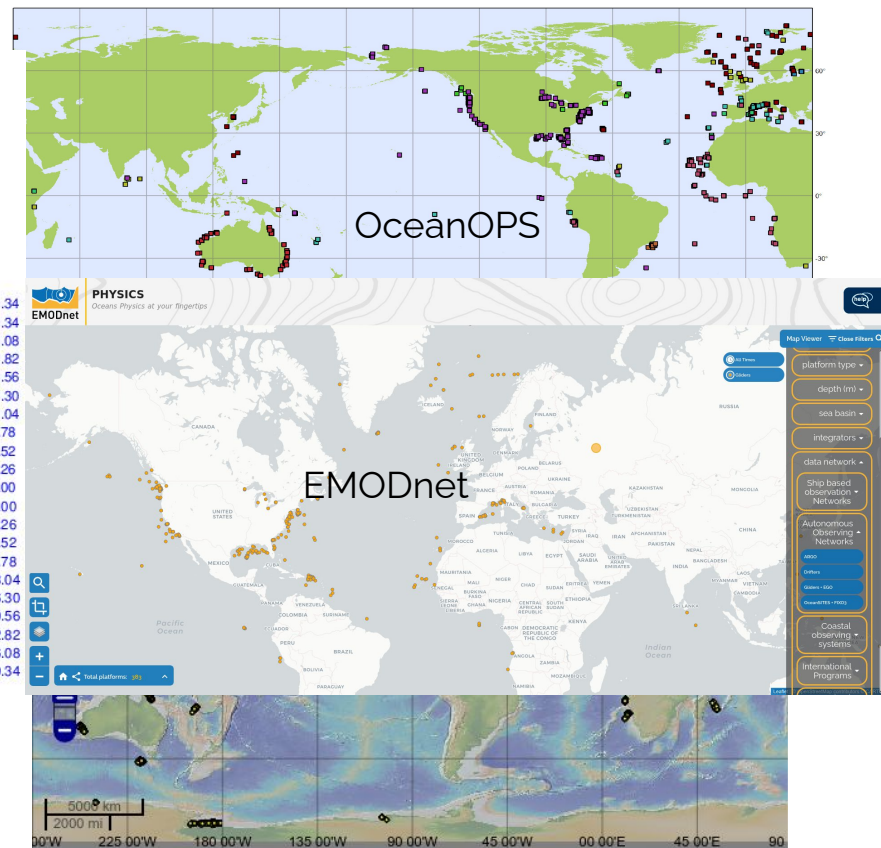
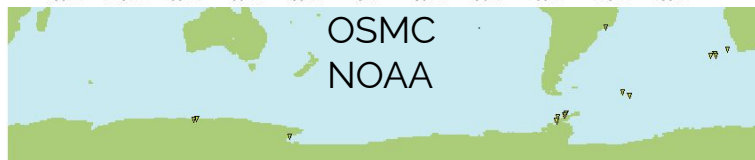
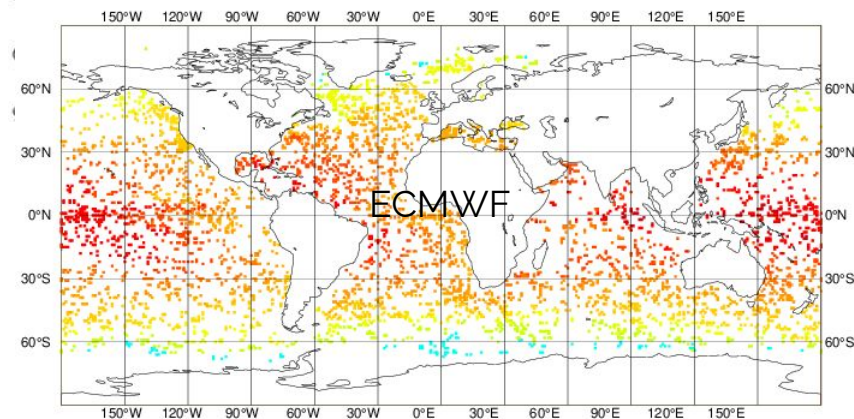
Gliders status at OceanOps, Coriolis/GDAC and aggregators



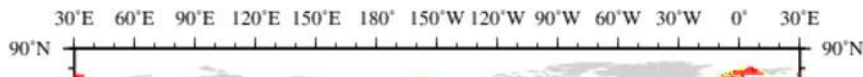
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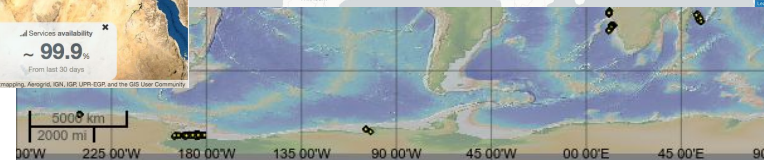
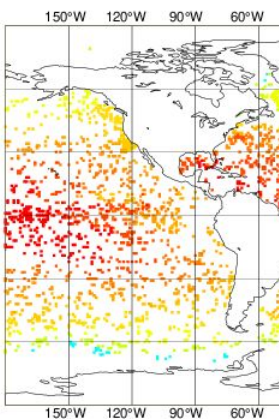
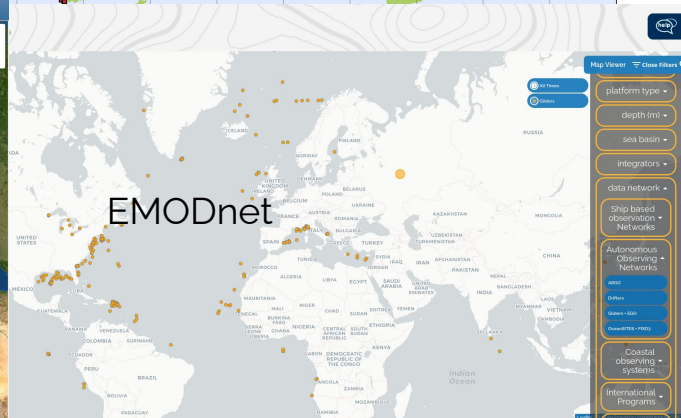
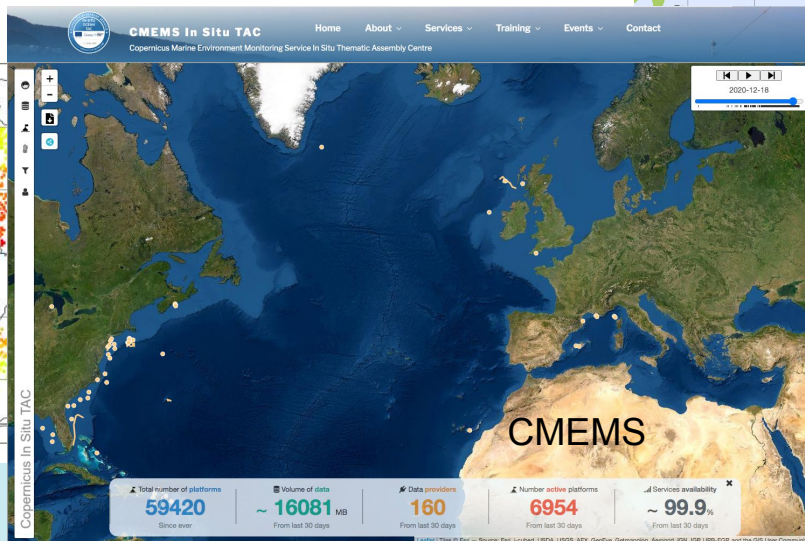
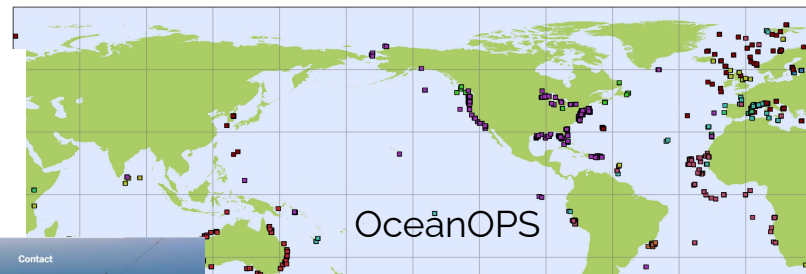
STATISTICS FOR POTENTIAL TEMPERATURE FROM ARGO
MEAN OBSERVATION VALUE [C] (ALL)
DATA PERIOD = 2022-05-16 00 - 2022-06-16 00
EXP = 0001, DEPTH = 50.00 - 100.00 M
Min: -1.752 Max: 30.013 Mean: 14.433
GRID: 1.00x 1.00



Gliders status at OceanOps, Coriolis/GDAC and aggregators



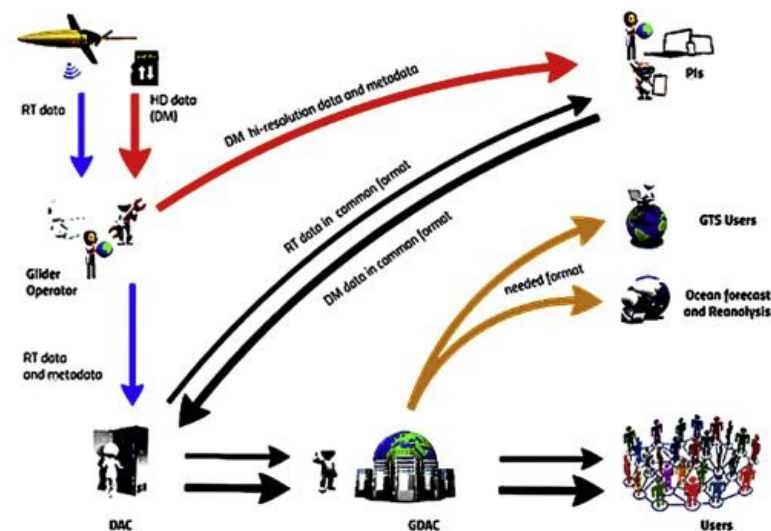
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Bring the European glider data management community together to discuss collectively of relevant DM topics.

Meeting Objectives

- **Week 1: Where do we want to be in 2 years time?**
 - Communicate on the status of the EU glider data management
 - Identify issues and bottlenecks in the real time data flow
 - Collect requirements from the community to support the real time data management.
 - Identify the data management services GROOM II could provide for the EU glider community... and beyond.
- **Week 2 : Where do we want to be in 5 years ?**
 - Think collectively the evolution of the data management infrastructure of the GROOM RI to reach sustainability, adaptability and efficiency.
 - Anticipate the evolution of the data collection capacity of the gliders

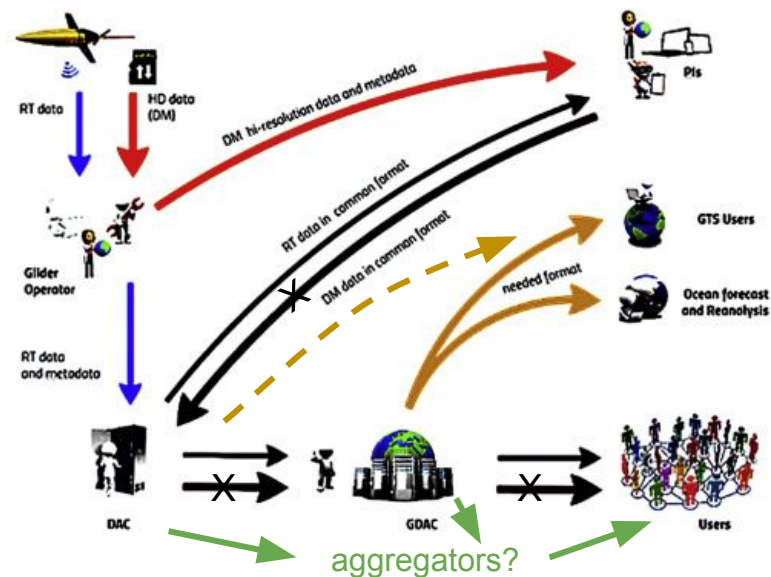


Presentations of EU glider data aggregators – mandate, gliders data providers, data distribution and users - 45 min

- SeaDataNet (Michèle Fichaut)
- EMODNET Physics (Antonio Novellino)
- Copernicus (Sylvie Pouliquen)



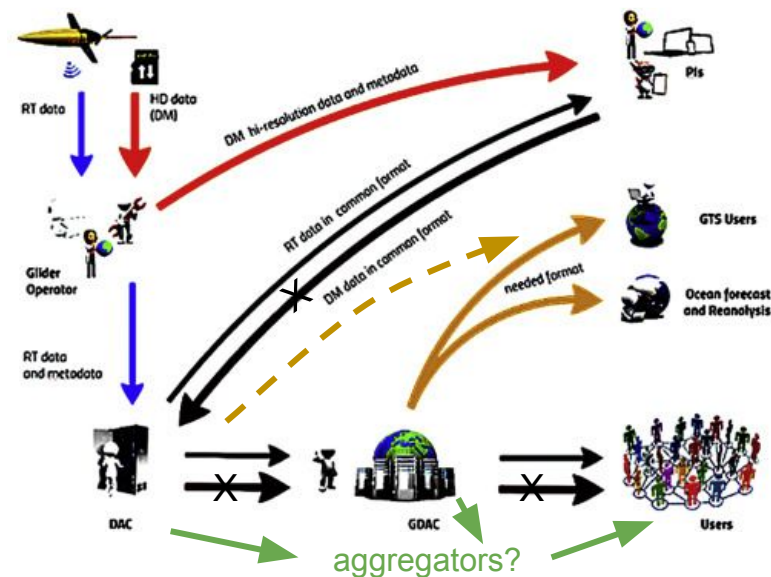
Meeting Objectives



Discussion - 1h

- Which real time data flow for the infrastructure?
 - How to continue to support real time data management needs of members and increase the number of Data Assembly Centres?
 - Sustainability of real time data management?
- GTS delivery :
 - Who is responsible for GTS delivery? DACs ? GDACs? Institutes?
- Delayed time data flow
 - Converging in Europe
 - The possible scenarios
- Agreement from the audience to review the Road map

Meeting Objectives



Discussion – 1h

How can we strengthen glider data management in Europe (MoU, financial support, Human resources support)

- Agreement amongst partners
- How to support the cost of GROOM RI data management?
 - Real time
 - Delayed time
- Technical options: MoU, financial support, human resources support.

Meeting Objectives

