



World Meteorological Organization

Working together in weather, climate and water

Maritime Safety Services
&
Metocean data for climate services

WOA workshop - Miami 13-15 November 2012



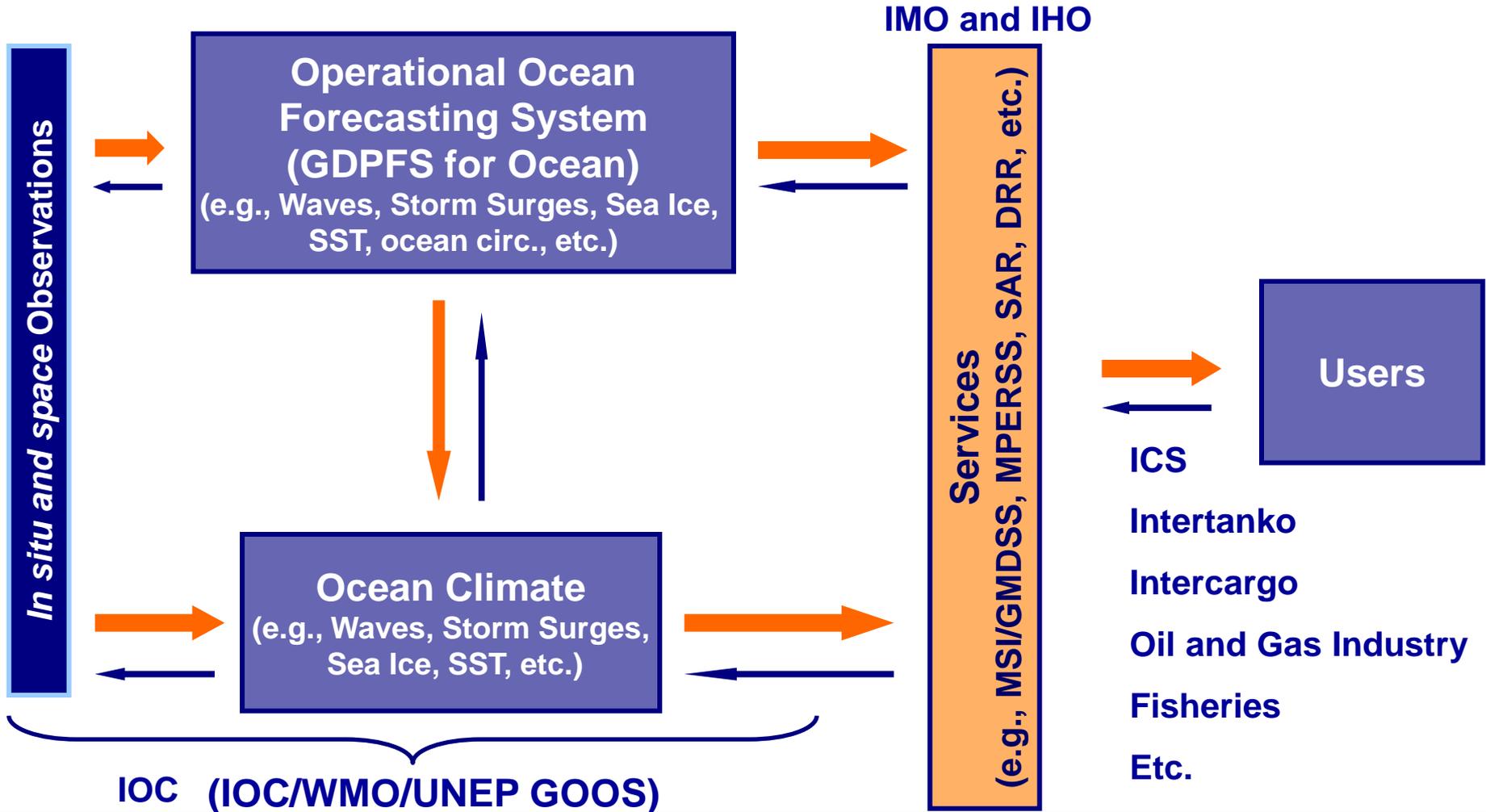
Maritime Safety Information (MSI)

- SOLAS states...
”Contracting Governments are obliged to provide and promulgate meteorological information and warnings to shipping”
- And also...
Forecasts, warnings, synoptic and other meteorological data intended for ships shall be issued and disseminated by NMHS in the best position to serve various coastal and high seas areas, in accordance with mutual arrangements made by Contracting Governments, in particular as defined by WMOs GMDSS.



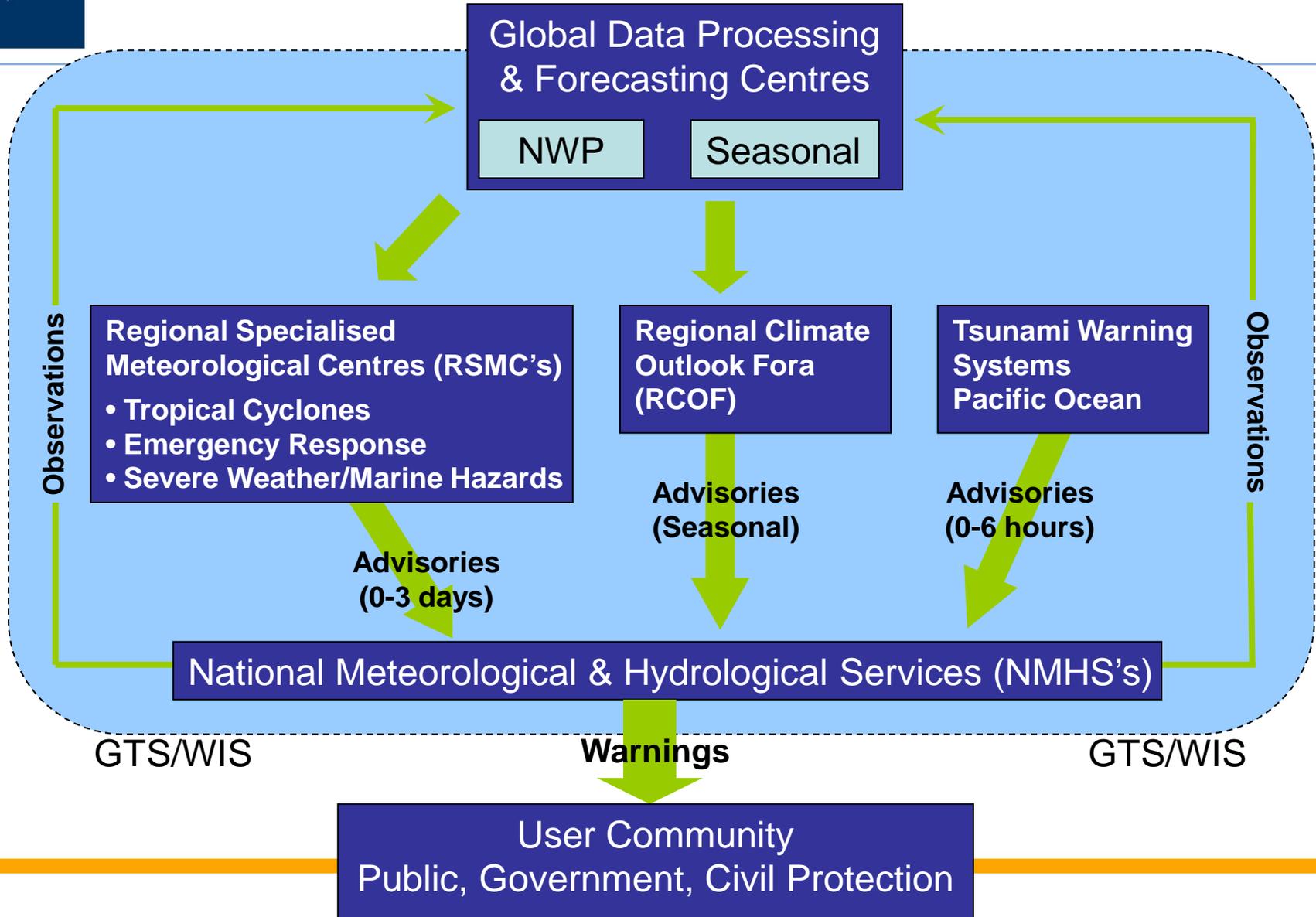


Marine Meteorology and Oceanography Programme



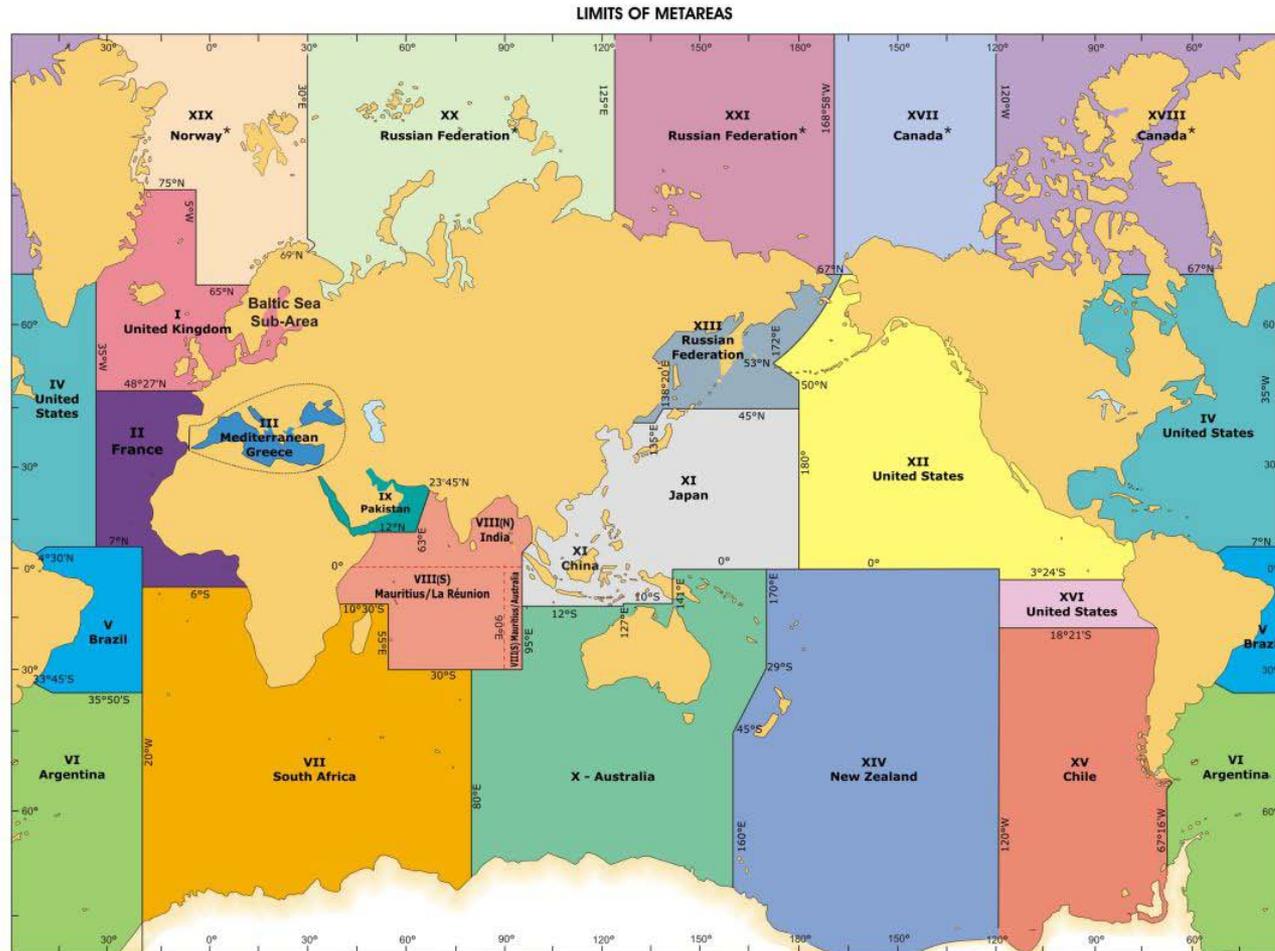


WMO Warning System





MSI: METAREAS



WMO Metareas align with IMO Navareas



MSI: WWMIWS

World-Wide Metocean Information & Warnings Service

- WMO EC 61 (June 2009), requested WMO to “establish and develop, in collaboration with the IMO, terms of reference for an IMO/WMO World-Wide Met-ocean Information and Warning Service (WWMIWS)”
 - to complement the existing IMO/IHO World-Wide Navigational Warning Services (WWNWS, IMO resolution A.706(17))
 - METAREA Coordinator role
 - IMO resolution adopted at IMO Assembly in November 2011
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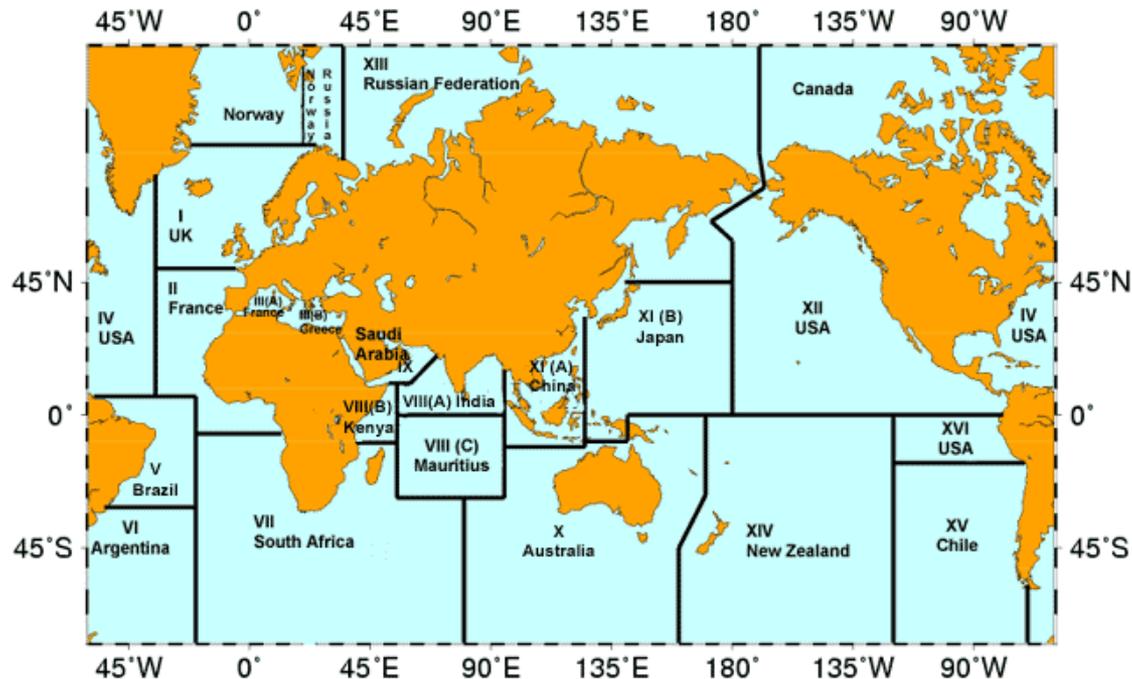
MSI: Standards & QM

- WMO Manual on Marine Meteorological Services (WMO-No. 558): by end 2011
 - WMO Guide to Marine Meteorological Services (WMO-No 471): before JCOMM-IV
 - Dynamic parts (online) to develop
 - QMS for Maritime Safety Services
: need continuous training
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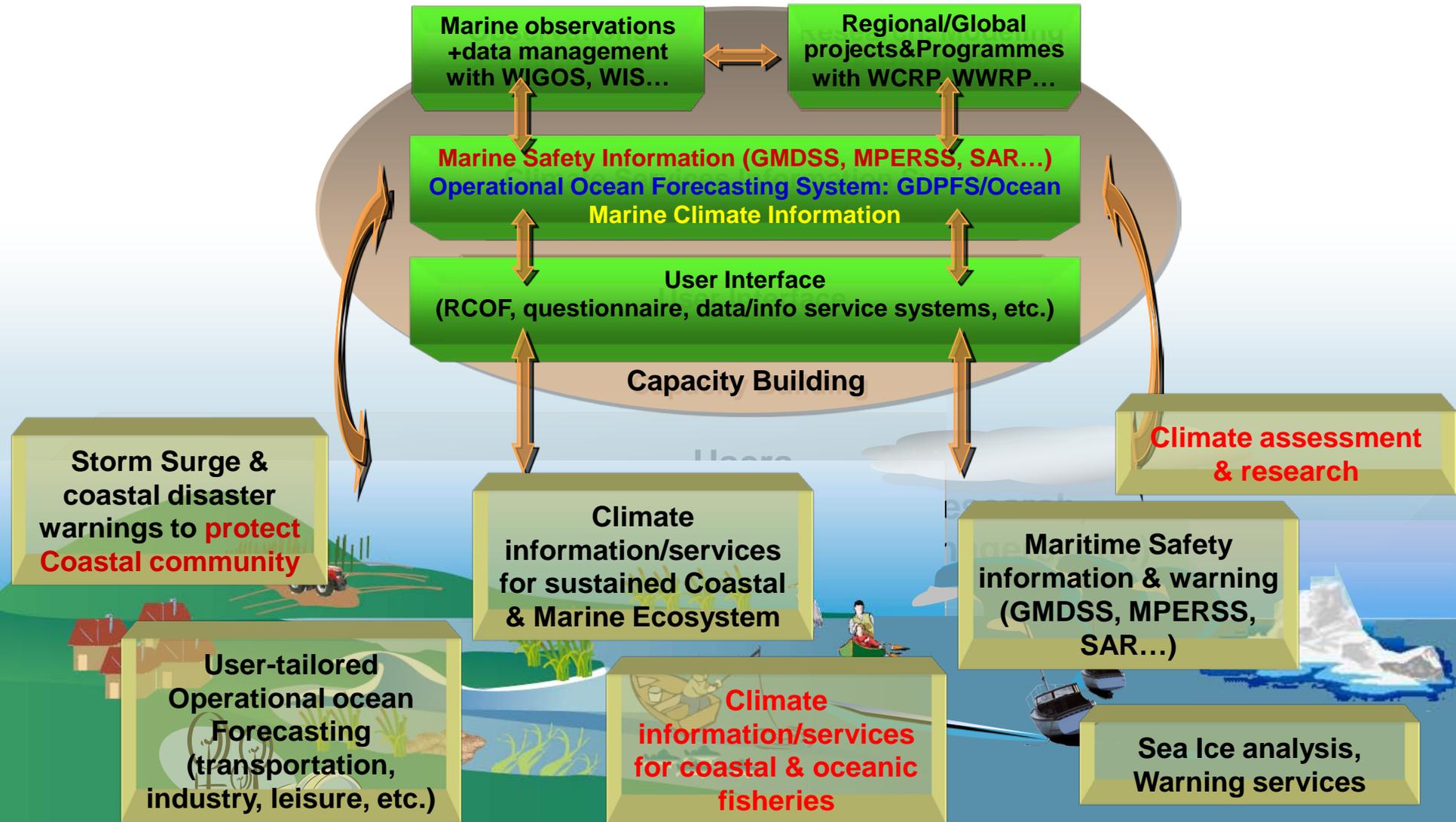
Marine Environmental Accident Responses

- Existing supports for MPERSS, SAR operations, etc. through ETMSS and ETOOFS
- Currently existing gaps (e.g. radiation leak incident)



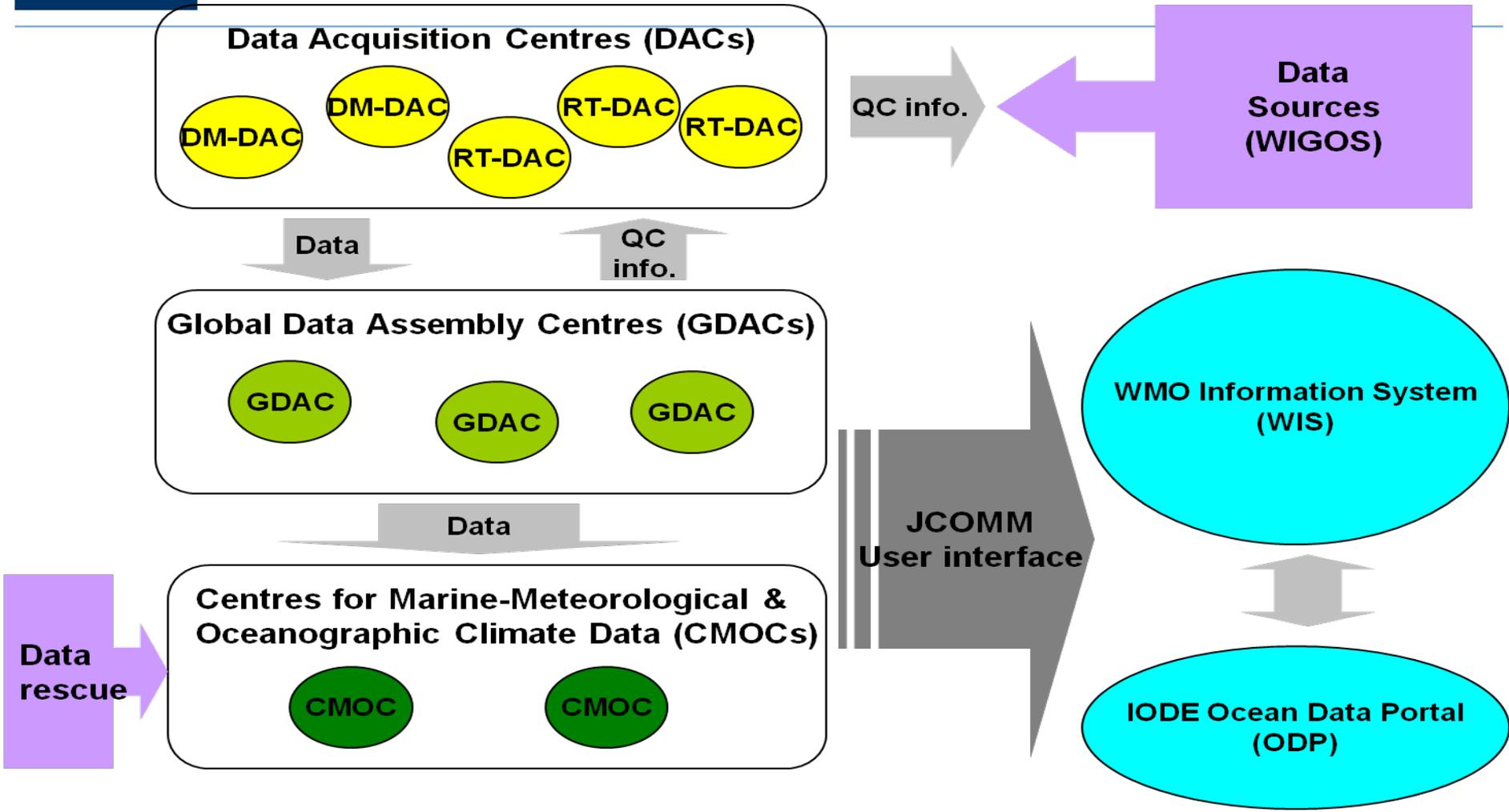


JCOMM and GFCS: Focus on benefits for Coastal & Marine community





10-year vision New Marine Climate Data System (MCDS)





Thank you!

Marine Meteorology and Ocean
Affairs Division

E-mail: mmo@wmo.int

<http://www.wmo.int/oceans/>