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Community effort in operational oceanography scientific assessment: recent progresses

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In the framework of the GODAE OceanView program, and efforts supported through funded projects like the EU MyOcean/MyOcean-2/MyOcean-FO activities, validation and scientific assessment of ocean operational systems are witnessing noticeable progresses. In particular concerning the community shared assessment activities. Collaborations, through working group, have raised for implementation validation common practices. Through GODAE OceanView two real-time inter comparison tasks are carried on, with international contributions of most advances global operational centres: the so-called «class 4» inter comparison activity allows real time monitoring performance of temperature, salinity, sea-ice and sea level parameters. In parallel, linked with the CLIVAR/GSOP efforts, inter comparison of reanalysis is providing a framework for future multi-model ocean climate monitoring. At the European level, operational centres are working together in order to 1) define in common ways best practices for operational cal/val activities; 2) implement and test performance assessment in real time and off-line; and 3) offer to GMES/Copernicus users reliable information on operational ocean product quality. Exemples of recent development are provided here, together with a prospective overview of cal/val practices.