**NEAR REAL TIME OPERATIONAL CHLOROPHYLL MAPS CALCULATION FOR MARINE APPLICATIONS**

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CLS operates since 2002 a near real time (NRT) oceanography data service for scientific, institutional or private users (support to fishery management, or to the offshore oil and gas industry). A large panel of data are made available in NRT in an operational way, to provide information on the current state of the ocean . These data include satellite data (chlorophyll-a, SST, altimetry), oceanographic model outputs (MERCATOR model), and weather forecasts (wind and wave data, hurricane alerts). This poster first gives an overview of the dedicated chlorophyll processing used to derive the chlorophyll maps. For example, VIIRS chlorophyll is computed from VIIRS L1A products from NASA/OBPG using the Polymer processor, and comparisons with SeaDAS derived chlorophyll are shown. Finally, the poster provides examples of derived value-added products that use these chlorophyll maps (e.g., high resolution surface currents, primary productivity, monitoring and management of marine species).

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