

EARTH OBSERVATION SYMPOSIUM (B1)
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COPERNICUS / MYOCEAN2 AND THE POLAR REGIONS.

Abstract

Copernicus project (former GMES) consists of a set of systems which collect data from earth observation satellites, ground stations, airborne and sea-borne sensors; it also processes data and provides users information with reliable and up-to-date information through a set of services related to environmental and security issues such as the ice layer of the polar regions, whose level maintenance is essential in order to keep control of the so-called sea rise level in order to procure and prevent from future environment issues and catastrophes. Also, protecting the polar regions is essential in order to respect environment and Earth ecosystems. The so-called MyOcean2 project enables control using satellite Earth Observation technology. This abstract will analyse the legal issues related to polar and ice cap layer protection using Earth Observation techniques and the importance of the MyOcean2 project. This abstract will also analyze the legal and contractual issues related to the so-called (SLA) The Service Level Agreement between MyOcean and The registered User, outlining the range and level of services that MyOcean will provide to US Model Outputs (Analysis (Hidcsat/Nowcast) Re-analysis; also will be important to consider that My Ocean2 project entail the Observations of seven different areas, among which Global Ocean situation and Arctic Ocean level are featured; hence, entailing the analysis of the following parameters is essential: Temperature, Sea Surface Temperature, Salinity, Currents. Sea Surface Height and Sea Ice.