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Maritime earth observation and the EU Copernicus Regulation: legal and economic benefits, a preliminary study.

Abstract: Maritime Remote Sensing entails the sensing of the Earth's surface from space by making use of the properties of electromagnetic waves emitted, reflected, or diffracted by the sensed objects. Its purpose is to improve the management of natural resources management and the protection of the environment among other benefits. After the implementation of the EU Copernicus Regulation, it is time to evaluate the benefits of the Copernicus program. The current paper will highlight the main issues of the Marine and Coastal Environment and Maritime safety. This abstract will analyze the current status of the market and refer to the latest emerging applications.