

Sea Data Management “SeaDataCloud”

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The present-day philosophy, structure and approach of the oceanological data management were established alongside with the observations over the World Ocean. A significant role in the development of the oceanographic data is played by „SeaDataCloud”, an ongoing project within the scope of European Commission Program “HORIZON 2020”, which is the third phase of completed SeaDataNet 1 and SeaDataNet 2 international projects. The project, as an infrastructural initiative of the integrated study, ensures further development of the oceanographic data management system adapted both, to the use of the fragmented observations data and meeting the consumer demand for the information (metadata), final product and integrated service.

Until recently, the marine data obtained by hundreds of organizations, are still difficult to access. Such state of affairs needs the improvement of the standards of oceanographic information development and development and perfection of a single communication system. The basis for the eco-systemic approach given in the Marine Strategy Framework Directive adopted by the European Union is the oceanographic data. The said Directive is also a guiding document in marine policy of Georgia, as of the EU associated member. The project is dedicated to provide the consolidation of the virtual and physical infrastructural resources in the field of oceanographic data management.