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USING SATELLITE TECHNOLOGY IN MARINE SCIENTIFIC RESEARCH

The Author presents the existing possibilities of using the latest satellite technology in research concerning the marine environment and climate phenomena related to marine areas as well as points out their cognitive benefits and practical application. Such research shows the most adequate dynamic of processes occurring in the marine environment with high accuracy and allows to predict the existence of threats to the environment and its users. The Author presents selected results of marine scientific research of the Baltic Sea including the Gulf of Gdansk, which were conducted with the use of specialized satellites. The satellite scientific research of marine areas has its legal basis in the relevant regulations of the United Nations in the field of space law relating to remote sensing because the UN Convention on the Law of the Sea of 1982 does not provide for methods of marine scientific research.