

Research on Ocean Ecosystem by Flying Boat

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Since using the flying boat it is possible to fly to stations on the sea at a high speed with taking the surrounding information and to have measurement by instruments taking water samples, it is expected to be an ideal marine platform with high mobility. Here, I will discuss about the expectation for 1) response to sudden phenomena such as typhoons and aerosol events, 2) local phenomena such as phytoplankton increase (bloom) associated with eddies and fronts, and 3) calibration and validation of satellite ocean color remote sensing.

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