

**Application of radar data for oceanography and hydrodynamics of seas**

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Results of a comparative analysis of an effect of atmospheric parameters (surface skin temperature and surface pressure) as well as hydrological parameters (mixed layer depth, euphotic depth) for different types of seas such as inner the Caspian Sea, almost non-tidal the Red Sea and tidally active semi-enclosed the Alboran Sea are presented.

Some conclusions on the governing influence of atmospheric and hydrophysical fields contrary to the Coriolis forcing on the short-term dynamics of the seasonal pycnocline made on the basis of satellite measurements and views is performed.