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Orientation: Ocean Observation and Global change
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 Research Area: 1.1 Physical oceanography



PhD project: Collection, validation and uses of the wave data estimated by HF radars at the Galician coast

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Summary: During the development of this thesis, it is aimed to perform an analysis of the reliability of the wave data estimated by oceanographic high-frequency radars (HF), specifically, the radar located in Cabo Vilán (Intecmar - Xunta de Galicia-). It will be sought to define what are the limiting conditions for its correct operation regarding its location, spatial scope, and oceanographic parameters. On the other hand, this project is attempting to develop a new methodology to take advantage of this wave data for many final uses as marine renewable energy, marine safety, etc. For the acquisition of the necessary data for this thesis, it has the support of Intecmar, Puertos del Estado and Meteogalicia, among others.

