APPLYING REMOTE SENSING AND GIS FOR THE
OCEANIC TUNA FISHING GROUND FORECAST IN
VIETNAMESE SEAWATER

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Summary

Oceanic tuna (Thunnus albacares and Thunnus obesus) is main species with its high worth from offshore gears. Currently, fishing ground for tuna fish is being approached by using remote sensing data and GIS technology in the related between marine environment factors and tuna fish is considered. Fishing ground for tuna fish forecasting is to aim in order to improve CPUE (catch per unit effort) based on the method of processing spatial analysis in the GIS softwares with the datum collected satellite data (SST, sea color). The fishing ground model is being built based on the related to oceanographic data with tuna species.

Keywords: Remote sensing data, fishing ground for tuna fish forecasting, oceanic tuna.