

# Seawatch: Ecuador



**Ecuador**

**DURATION:** 2002 onwards

**CLIENT:** Instituto Oceanografico de la Armada (INOCAR).

**LOCATION:** Pacific Ocean off Ecuador

**PURPOSE:** The aim of this project is to improve the forecasting capacity and assessment of El Niño for the prevention and mitigation of natural hazards in Ecuador. The sea conditions related to the El Niño phenomenon will be monitored by INOCAR with the help of Fugro technology.

**DESCRIPTION:** Three metocean buoys are moored in depths reaching 5000 metres and provide real-time information about the meteorology, waves, temperature and salinity over the upper 500m of the ocean. The project consists of Wavescan buoys equipped with metocean sensors including CDT cells down to 500 m depth, satellite communication system with an onshore processing centre including software data control, data storing and data distribution.

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