



High-frequency coastal radar-derived surface currents off the U.S. West Coast

- A network of high-frequency radars (HFRs) **along the coast over 2500 km of US West Coast** provides **km resolution and hourly** surface current maps which cover about **150 km offshore from shoreline**.
- This network will support both scientific studies and operational needs, including **connectivity studies**, for monitoring and understanding **marine protected areas and larval transport**; **the tracking of shoreline discharges, impaired water quality and spilled oil**; and **at-sea search and rescue efforts**