

Oceanography Seminar

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“Surface and seabed plumes revealed by ocean gliders in New Zealand shelf seas”

Ocean gliders are rapidly changing how the ocean is observed and understood for societal and scientific requirements. Long term programmes have existed for more than a decade (Canada, US, Australia and Europe). The uptake of glider technology by smaller countries in the last five years has been substantial. New Zealand (NZ) falls into the latter category. Ocean glider observations in NZ have focused on the shelf seas as it is the region of the ocean most poorly observed. Three examples will be presented in this talk: 1) oceanic extent of buoyant river plumes after storm events, 2) low salinity submesoscale dynamics and, 3) biophysical responses from artificial seabed plume generation experiments.

Thursday September 19th, 2019 3:00p.m. MSB 114