

Craig STEVENS

New Zealand National Institute of Water Research (NIWA) and University of Auckland

Craig Stevens is a physical oceanographer with a joint position at NIWA (NZ National Institute for Water and Atmospheric Research) and the University of Auckland. His research focus is on the fate of energy injected into the planet's oceans at celestial scales (tides, solar heating) and how energy exchange processes affect us all through influences on biological, ecological and/or physical transformation. Field expeditions have taken him from Cook Strait to Antarctica; from water-filled mine pits in Canada to tidal turbines in the U.K.; from inland seas in Europe to the Southern Ocean. His typical approach revolves around focused process-scale experiments that are then connected to larger scales via various means (usually modelling). Dr Stevens has been successful in both Marsden Fund (NZ basic science funding) supported work and applied industrial research. He has a high outreach profile in New Zealand, helping to explain the value of the oceans around New Zealand to the public.