

Geoffroy Lamarche



Friday 24 February
9.00am

Geoffroy Lamarche is Principal Scientist Marine Geology and Geophysics at the National Institute of Water and Atmospheric Research (NIWA). He holds a PhD in geology and geophysics from the University of Grenoble (1987) and has 25 years of research experience in marine geology and geophysics. He leads NIWA's Ocean Geology research group who undertakes both science research work and commercial consultancy and is Programme Leader of the national research programme "*Discovery, Survey and Assessment of New Zealand's Ocean Resources and Knowledge of their Dynamics*". Geoffroy's research work focuses on active geological deformation that affects the continental shelf and deep ocean floor around New Zealand, and the resources associated with it. His research covers a wide spectrum of expertise from blue sky science to applied consultancy, with a particular focus on geological hazard; seafloor substrate and habitat mapping from remotely-sensed data; and submarine massive sulphide (SMS) deposits associated with active hydrothermalism. Geoffroy leads international collaborative research projects on these research topics with research groups in France, the UK, Australia and the US. He has led several oceanographic voyages in high seas around New Zealand.