

Dr James Renwick

Dr James Renwick leads NIWA's main research programme on climate variability and change. He was a lead author on the IPCC 4th Assessment Report, in Working Group I (physical science), and has been selected for a similar role in the 5th Assessment Report. He is a member of the Royal Society of New Zealand (RSNZ) Climate Expert Panel, and is President of the New Zealand Association of Scientists. He has worked in the area of climate and atmospheric dynamics since the late 1970s, starting as a weather forecaster at the N.Z. Meteorological Service. His current interests include Southern Hemisphere climate variability and the impacts of large-scale climate variability and change on the New Zealand environment.



Dr Graeme Smart

Dr Graeme Smart (MIPENZ) is a senior scientist at the New Zealand Institute of Water & Atmospheric Research (NIWA) and a consultant specialising in fluvial hazards. His first investigation was at age 13 when he followed an oil drum down the flooded main street of his home town in Taranaki. He subsequently obtained degrees in engineering, computer science and a hydrology PhD from Canterbury University. He has worked for the Swiss Federal Institute of Technology in Zurich, the Indonesian Ministry of Works, German and Swiss Government foreign aid programmes, and on flood mitigation in Malaysia. He has taught several university courses related to river hydraulics and hydrology and has advised state and private organisations in New Zealand on river hazards. His present research involves high-resolution computer models of flood hazard.