

# Regional Management Team

leading our operations



David Roper, Graham Fenwick, Charles Pearson, Terry Hume, Rosie Hurst, Ken Becker, Ken Grange, Andrew Laing, Operations Director Mark James.

## **Auckland: Ken Becker**

Ken is a marine biologist with a BSc (Hons) from the University of Liverpool and a postgraduate diploma in professional ethics from the University of Auckland. He spent 24 years as a scientist and project manager with Auckland Regional Council, working on marine ecology, water quality, wastewater treatment and disposal, stormwater management, and water resource management.

## **Christchurch & Lauder: Charles Pearson**

Charles is a hydrologist with an MSc (Hons) from the National University of Ireland. He specialises in the analysis of hydrological and other geophysical and climate data for purposes such as estimating flood risks. He is an executive member of NZ's Hydrological and Meteorological Societies and is the World Meteorological Organization's Hydrological Advisor for its Asia-Pacific region.

## **Christchurch: Graham Fenwick**

*Assistant RM*

Graham is an ecologist and crustacean systematist with 30 years' research and consulting experience on the biodiversity and ecologies of shallow coastal and groundwater ecosystems. He has a PhD and Dip. BA from the University of Canterbury, and joined the Regional Management Team in 2006.

## **Hamilton: David Roper**

David has a PhD in marine science from the University of Otago. He has worked as an environmental scientist for the past 28 years, specialising in environmental impact assessment and resource management with NIWA and then ECNZ (later Mighty River Power), before returning to NIWA as Regional Manager in 2002.

## **Hamilton: Terry Hume**

*Assistant RM*

Terry is a marine geologist/coastal oceanographer with a PhD in earth sciences from the University of Waikato. He holds an Honorary Associate Professorship at the University of Auckland and an Honorary Lectureship at the University of Waikato. He has more than 30 years' experience in environmental research and consulting for government departments, local authorities, and private companies.

## **Nelson: Ken Grange**

Ken is a marine ecologist with a PhD in marine ecology from Florida International University. He initially researched the marine environment in NZ fiords, particularly the ecology of black corals, with the Oceanographic Institute, DSIR, in Wellington, before moving to Nelson as Regional Manager in 1994.

## **Wellington: Andrew Laing**

Andrew is a marine meteorologist and physical oceanographer with a PhD in fluid mechanics from the University of Canterbury. He had more than 20 years' experience with the Meteorological Service of New Zealand, in the UK, and at NIWA, before becoming a Regional Manager in 2000.

## **Wellington: Rosemary Hurst**

Rosie is a fisheries scientist with a PhD from Victoria University of Wellington. She worked for MAF Fisheries from 1979 before joining NIWA in 1995, becoming a Regional Manager in 2000. She is also the science leader for hoki and middle depth fisheries research.