

# Operations Management Team

## **Auckland: Ken Becker**

*Regional Manager*

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.

## **Bream Bay: Michael Stobart**

*Regional Manager*

Michael has an MSc in ichthyology and fisheries science from Rhodes University in South Africa. He joined the NIWA Operations Management Team in 2007 after gaining 15 years' management and sales experience in commercial aquaculture and agriculture in both Zimbabwe and New Zealand.

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

*Regional Manager*

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 Adviser for its Asia-Pacific region.

## **Christchurch: Graham Fenwick**

*Assistant Regional Manager*

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

## **Hamilton: David Roper**

*Regional Manager*

David has a PhD in marine science from the University of Otago. He has worked as an environmental scientist for the past 29 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 Regional Manager*

Terry is a marine geologist/coastal oceanographer with a PhD in earth sciences from the University of Waikato. He holds an Hon Assoc. Professorship at the University of Auckland and an Hon 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**

*Regional Manager*

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 NZ Oceanographic Institute, DSIR, in Wellington, before moving to Nelson as Regional Manager in 1994.

## **Wellington: Andrew Laing**

*Regional Manager*

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 N.Z. Meteorological Service, in the UK, and at NIWA, before becoming a Regional Manager in 2000.

## **Wellington: Julie Hall**

*Assistant Regional Manager*

Julie is a marine and freshwater biologist with a PhD from the University of Manitoba, Canada. She has spent 20 years as a scientist with DSIR and then NIWA working in both marine and freshwater research, specialising in phytoplankton and microbial food web studies. Julie is the Chair of the Integrated Marine Biogeochemistry and Ecosystems Research (IMBER) international oceanographic research project. Julie joined the Operations Management Team in July 2008.



*Charles Pearson, Michael Stobart, Julie Hall, David Roper, Ken Grange, Ken Becker, Terry Hume, Graham Fenwick, Andrew Laing.*