

David Wratt



Areas of Specialisation

Climate change (science, impacts, vulnerability)
Climate hazards
Climate monitoring
End-user climate products
Seasonal climate outlooks

Qualifications

BSc Hons (Physics)
Companion
PhD (Atmospheric Physics)

Contact

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Languages

English

Countries of work experience

New Zealand, United States of America, Australia

Experience

David has 28 years experience of research and consulting in applied climatology. He is Centre Leader for the National Climate Centre, which provides climate products and services for New Zealand. The Centre has assessed current and future climate related hazards for many New Zealand regions, helped local government identify and adapt to impacts of climate variability and change, and developed user friendly web access to climate products and the National Climate Database. Davids recent publications cover climate mapping, climate change scenarios and impacts, and mountain influences on weather, climate and river flows. He is a member of the Bureau of the IPCC (Intergovernmental Panel on Climate Change), and chairs the Climate Committee of the Royal Society of New Zealand.

Track Record

- Convening lead author for Australia and New Zealand chapter, IPCC Third Assessment Report
- Project Coordinator for Detailed maps and GIS layers of regional climate: Coordination of projects to provide detailed maps and GIS layers or regional climate
- : Review of climate variability and change projects for Asia-Pacific Network
- Report for World Meteorological Organization on Weather Derivatives
- : Oversight of NIWA services providing climate data, climate products, and climate updates and outlooks
- Led preparation of manual for Guidance Manual on identifying and adapting to regional climate change