



Areas of Specialisation

- Meteorological, Climatological, IT and Communications consultant and adviser to NZAID, ABoM, AusAID, SPREP, WMO, UK Met Office, US GCOS, US NWS, US UCAR.
- Radio Internet (RANET) and Satellite Systems.
- Retired Member – PI-GCOS Steering Committee (Meteorological Operations and Communications)
- Retired Member – Pacific Islands Meteorological Communications Steering Committee.

Qualifications

- BE (Int), Part NZCE (Stats), IT Certificates Hardware/Software/Networks.
- NZ General/Marine Radio Operator Certificates.
- NZ Electrical Service Technicians Certificate.
- ODC – Advanced Performance Programming Certificate (Managerial).

Contact

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Languages

- English
- Conversational French

Countries of Work Experience

- Most South Pacific Developing countries

Experience

- Director of Cook Islands Meteorological Service (1982-84).
- Retired as International Operations Manager, Meteorological Service of New Zealand December 2007 after a 41 year career. Now an ICT Consultant.
- Extensive consultancy experience assisting Meteorological Services in Pacific Island countries in Meteorological, Climatological, IT, Communications and Emergency Management training and operations.
- In-country installations of AWS systems, EMWIN systems, HF/VHF Radios/Email systems, satellite receiving systems, FM Community Radio stations, computer hardware, software and networks.
- Countries include: Fiji, Vanuatu, Nauru, Kiribati, Tuvalu, Tonga, Samoa, Tokelau, Niue, and Cook Islands.
- Awarded the Henry Hill Prize in 2000 for enthusiasm and dedication to meteorology.

Track record

- Emergency in-country response to recover meteorological and communications capacity at Niue immediately following Tropical Cyclone Heta (January 2004). Client: Niue Meteorological Service
- Installation of HF digital email, VHF communications, Community FM broadcast radio and satellite receiver systems at Vanuatu (2005) for Vanuatu Meteorological Service.
- Installation of HF digital email and L Band satellite receiver system in Kiribati for Kiribati meteorological Division (2005).
- Installation of HF digital email, Community FM broadcast radio and L Band satellite receiver systems at four atolls in Tuvalu for meteorological, natural hazard, educational and community applications (2004-06) for Tuvalu Meteorological Service.
- Similar communications installations at Niue with Community FM radio stations commissioned at two villages. (2004-05) Niue Meteorological Service.
- Consultant and in-country workshop presenter for ABoM/AusAID Pacific Tsunami Capacity Project (2007-09). Vanuatu, Samoa and Tonga.
- Installation of HF digital email systems at Apia Observatory and Tokelau Apia Liaison Office, Samoa (2010). Tonga Met Stations and Tonga NEMO (2010)
- Installation of RANET Chatty Beetles (emergency satellite communications systems) in Samoa and American Samoa (2011).
- US NWS/UCAR Consultant on Upgrade to SW Pacific RANET Communications Systems (2014 – 2016)