

Leipziger Meteorologisches Kolloquium

Dienstag, 10.10.2023, 14.00 Uhr, TROPOS

Dr. Guy Coulson

Air Quality (National Institute of Water & Atmospheric Research Ltd (NIWA))

Air quality research in Aotearoa: a brief history

Aotearoa New Zealand is relatively unique in that, as a small group of islands in a very large ocean, all our air pollution is of our own making, with no interference from outside sources. Identification and separation of sources is therefore simpler than in other countries. This presents opportunities for air quality research not available elsewhere. With very little industrial pollution, the vast majority of our air pollutants come from traffic in the larger cities and residential wood burning for domestic heating in winter. NIWA has been running an air quality research programme for over twenty years that takes advantage of our isolation and source mix. This talk will give an overview of two decades of air quality research in New Zealand.