

Tom Wigley

Professor, University of Adelaide, Australia



Tom Wigley has degrees in theoretical physics from the University of Adelaide, Australia. His PhD was in plasma kinetic theory. Dr. Wigley also trained as a meteorologist with the Commonwealth Bureau of Meteorology (Australia). He was a faculty member in Mechanical Engineering at the University of Waterloo, Canada (1967–75) and Senior Research Associate in, and later Director of, the Climatic Research Unit at the University of East Anglia, U.K. (1975–93). He was then Senior Scientist at the National Center for Atmospheric Research, USA (1993–2006). He returned to Australia in 2006 where he held an Australian Research Council DORA Professorial Fellowship at the University of Adelaide, and where he now has an Adjunct Professorship. He is the author of more than 250 referenced journal articles and book chapters and is one of the most highly cited scientists in the field. His early interests were in fusion energy, air pollution and carbonate geochemistry. He later combined in work on many aspects of climate change science: the interpretation of past climate changes, carbon-cycle modeling, projections of future climate, climate model validation, and economic and policy aspects of mitigation including assessments of future energy technologies.