

George Baird



Dr George Baird is a Professor of Building Science at the School of Architecture, Victoria University of Wellington, New Zealand where he specialises in building environmental science and engineering services, building performance generally, and the energy efficient design and operation of buildings.

At the Victoria University of Wellington School of Architecture he has been variously Director of Energy Research Group, Dean of Faculty of Architecture, Director of the Centre for Building Performance Research, and Associate Dean Research.

He is currently a Fellow of the Chartered Institution of Building Services Engineers (UK), the Institution of Professional Engineers (NZ) and of the Institute of Refrigerating Heating and Air Conditioning Engineers (NZ), and a Foundation Member of the Energy Management

Association (NZ).

He was recipient of the 1999 NZ Science and Technology Bronze Medal “For singular contribution to energy efficiency of New Zealand buildings and to building performance research...”; the 2002 inaugural IPENZ Technical Award in the field of Energy Engineering; the 2004 ‘Excellence in Research’ Award from Victoria University of Wellington; and the 2006 international ‘Pioneers of WREN Chairman’s Award’ of the World Renewable Energy Network for ‘contribution to the world of renewable energy through publications, teaching and promotion of renewable energy’.

Author or co-author of innumerable technical papers and case studies, his major book publications include: *Energy Performance of Buildings* (CRC Press, 1984), *Building Evaluation Techniques* (McGraw Hill, 1996), and *Architectural Expression of Environmental Control Systems* (Spon Press, 2001). His most recent book, *Sustainable Buildings in Practice – What the Users Think* (Routledge, 2010), is a worldwide survey of users’ perceptions of sustainable buildings.

His presentation on: **The challenges of achieving high performance when retrofitting older commercial buildings – the performance of ten case studies from around the world**