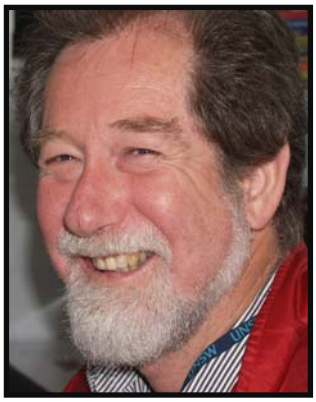

Ron Cox – Convenor ACCARNSI

BE, PhD
Email: r.cox@unsw.edu.au

Associate Professor Ron Cox has had extensive experience in water, coastal, groundwater and environmental engineering, working with industry and government, (local, state and federal) both within Australia and overseas. In 2008, Ron was awarded Engineering Australia's prestigious Sir John Holland Award for Civil Engineer of the Year, in recognition of his long standing and continuing contribution to the profession and community, particularly in the field of coastal engineering. In January 2009, Ron became the Convenor of the Australian Climate Change Adaptation Research Network for Settlements and Infrastructure – one of 8 Networks established within NCCARF and funded by the Commonwealth Government Department for Climate Change and Energy Efficiency.

Qualifications

BE Hons 1 & University Medal (Civil Engineering), UNSW
PhD, UNSW

Affiliations

CP Eng, FIE, Institute of Engineers, Australia
Member, International Advisory Committee, COPEDEC
Member, Editorial Board, Coastal Engineer Journal, Japan
Member Editorial Board, Maritime Engineering Journal, UK
Member, National Committee Coastal & Ocean Engineering, IEAust
Board Member, PIANC Australia

Professional History

1967-1970: Trainee Engineer – Metropolitan W S & D Board
1970-1973: Postgraduate Fellow – CSIRO
1973-1975: AWRC Research Engineer, UNSW
1976-1983: Engineer/Projects Manager – WRL, UNSW
1987-1996: Manager/Director – Australian Water & Coastal Studies
1988-2001: Chair – Institution of Engineers Australia, National Committee Coastal & Ocean Engineering
1993- : Associate Professor – School of Civil & Environmental Engineering, UNSW
1993-2006: Director, WRL, UNSW
2007-2008: Director – Academic Finance & Marketing, School of Civil & Environmental Engineering, UNSW
2009- : Convenor – ACCARNSI, UNSW

Specialist Fields

- Coastal and Ocean Engineering, Coastal Management
- Sediment Transport, Fluvial and Estuarine Processes
- Engineering Hydrology, Flooding and Stormwater
- River and Estuarine Hydraulics
- Environmental Engineering (including water & wastewater systems design and impact assessment
- Field Data Collection and Interpretation
- Power Station Water Cooling Systems
- Numerical & Physical Modelling
- Groundwater & Geohydrology
- Climate Change Assessment & Adaptation (for coastal, water resources, water security, flooding and stormwater

Relevant Experience

Coastal Processes

1999-Ongoing: Manly, Collaroy, Brooms Head, Byron Bay
1976-Ongoing: Gold Coast beaches, Queensland

Water Security – Water & Wastewater Services

1985-Ongoing: Sydney, Hunter & Illawarra sewage disposal, NSW
2004-Ongoing: Desalination intakes & outfall, Perth & Sydney

Hydrology, Flooding, Stormwater

1982-Ongoing: Nepean/Hawkesbury River NSW
1983-Ongoing: South Esk River, Tamar Estuary, Launceston City

Climate Change Adaptation

2007-2008: Coastal impacts, coastal management plan, climate change adaptation strategy, Clarence City, Tasmania

Selected Relevant Publications

Coastal Engineering Guidelines for Working with the Australian Coast in an Ecologically Sustainable Way (2004) – Gourlay, Harper, **Cox**, Webb and Stone, Engineers Australia, ISBN: 085 825 819 6, Australia (previously published by Commonwealth Department of Environment, ISBN: 0 642 54547 2, 1998
More than 1500 copies distributed Australia wide

Guidelines for Responding to the Effects of Climate Change in Coastal and Ocean Engineering (2004 update) – coordinated by BA Harper, **RJ Cox** and MR Gourlay for National Committee Coastal & Ocean Engineering, Institution of Engineers Australia, ISBN: 085 825 750 5, Australia
Available online: EA National Committee Coastal and Ocean Engineering