
Professor David G. CARMICHAEL

<https://www.engineering.unsw.edu.au/civil-engineering/staff/david-carmichael>

POSITIONS

Professor of Civil Engineering, The University of New South Wales, Australia
Distinguished Adjunct Professor, Asian Institute of Technology
Industry Consultant
Former Head of the Department of Engineering Construction and Management at
The University of New South Wales.

QUALIFICATIONS

B.E.(Hons) (Civil Engineering), The University of Sydney
M.Eng.Sc. (Civil Engineering), The University of Sydney
Ph.D. (Civil Engineering), The University of Canterbury
Fellow, The Institution of Engineers Australia (F.I.E.Aust)
Registered Professional Engineer (C.P.Eng.)
Member, American Society of Civil Engineers (M.A.S.C.E.)
Graded Arbitrator (Institute of Arbitrators & Mediators Australia)
Accredited Mediator (Australian Commercial Disputes Centre), (Institute of
Arbitrators & Mediators Australia)

AREAS OF EXPERTISE

Infrastructure
Project and Construction Engineering and Management
Construction, Building
Systems Studies/Operations Research
Problem Solving

PUBLICATIONS

Author and editor of twenty-three books and over two hundred technical papers.

BACKGROUND

Professor Carmichael publishes, teaches, and consults widely in most aspects of infrastructure, project management, construction management, systems engineering, and problem solving. He is known for his leftfield thinking on project and risk management, project planning, problem solving, and infrastructure investment, where he has published widely.

He has acted as a consultant, teacher and researcher in a wide range of engineering and management fields. He provides ongoing expert reports and expert witness in engineering legal cases.

PAST/PRESENT AFFILIATIONS WITH TERTIARY INSTITUTIONS

The University of Western Australia
Senior Demonstrator, Lecturer and Senior Lecturer
Civil Engineering

The University of California (Berkeley)
Research Engineer

The University of Waterloo, Ontario
Visiting Research Professor

The Asian Institute of Technology Associate Professor

The Universities of Canterbury and Auckland
Visiting Appointments

The University of New South Wales
Professor of Civil Engineering
Head, Dept of Engineering Construction and Management

Griffith University
Adjunct Professor, Centre for Infrastructure, Engineering and
Management

University of Technology, Mara
Visiting Professor

Hong Kong Polytechnic University
Visiting Professor, Department of Building and Real Estate

Asian Institute of Technology Distinguished Adjunct Professor

The University of British Columbia
Visiting Professor

Chulalongkorn University
Visiting Professor

AIT

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