

Professor "Jack" Cowan

HENRY J COWAN, A.O.

D.Eng., Hon.D.Arch., PhD., M.Sc., M.Arch. Hon.F.R.A.I.A., F.R.S.A., F.A.S.C.E., F.I.Struct.E., F.I.E.Aust., C.P.Eng.
Professor Emeritus of Architectural Science
University of Sydney
Sydney 2006, Australia

Mr Ian Bowie
Civil Engineering

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Mosman*

909 2588

18.5.1992

Dear Ian,

I enclose a note that went to the publisher with my last book. It gives most of the information needed for a an oral history interview, except some of my earlier history:

BSc in civil and mechanical engineering, University of Manchester, 1939.

MSc, University of Manchester (concrete research), 1940.

Service in the British Army 1941-45.

Draftsman, Higgs and Hill, Building Contractors, London, 1945-6.

Structural Designer, S&M Development Engineers, 1946 (on design of aluminium prefabs).

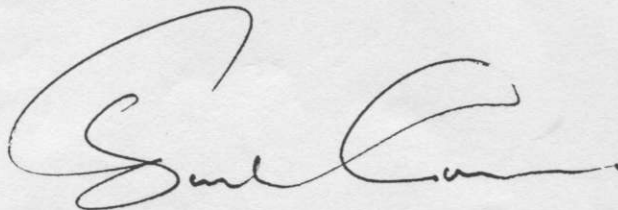
Assistant Lecturer in Civil Engineering, University College Cardiff, 1946-48.

Lecturer in civil engineering and architecture, University of Sheffield, 1948-53.

The book titles indicate my recent range of interests.

With best regards,

Yours sincerely,



About the Author

Born 21. 8. 1919

Professor Emeritus of Architectural Science, University of Sydney. Former Head of Department of Architectural Science. 1953-1984
Former Dean of the Faculty of Architecture. 1966-67

1962
Formerly Visiting Professor, Cornell University, USA; Kumasi 1973
University, Ghana; Trabzon University, Turkey. 1976

Doctor of Philosophy, University of Sheffield 1952.
Doctor of Engineering, University of Sheffield 1963.
Honorary Doctor of Architecture, University of Sydney 1987.

Officer of the Order of Australia, 1983.

Honorary Fellow, Royal Australian Institute of Architects, 1979.
Honorary Corresponding Member of Council, Royal Society of Arts, 1980-1987.

Corresponding Member, Academia Pontaniana, Naples, 1975.
President, Building Science Forum of Australia, 1966-1967.
Chapman Medal, Institution of Engineers Australia, 1956.
Special Service Award, (British) Institution of Structural Engineers, 1988.

Honorary Life Member, ANZAScA 1977; BSc Forum 1989.

Author of 21 books; more than 200 shorter publications
(chapters contributed to books, entries in Encyclopedia
Britannica, and articles contributed to magazines);
more than 2000 book reviews in various magazines

Books

The Theory of Prestressed Concrete Design. McMillan, London, & St. Martin's Press, New York 1956

The Design of Reinforced Concrete. 1st Edn, with Peter Smith, Angus and Robertson, Sydney 1963. 2nd Edn, dto, dto 1968. 3rd Edn, Sydney University Press, 1976. Pirated reprint of 3rd Edn Rainbow Bridge, Taipeh.

The Design of Prestressed Concrete, with Peter Smith. Angus and Robertson, Sydney 1966.

Reinforced and Prestressed Concrete in Torsion, with Igor Lyalin, Edward Arnold, London & St. Martin's Press, New York 1965. Spanish translation Mexico City 1967. Russian translation Moscow 1972.

An Historical Outline of Architectural Science. Elsevier, Amsterdam and New York 1966. Japanese translation Tokyo 1970. 2nd Edn. American Elsevier, New York 1977. Paperback Applied Science, London 1977.

Models in Architecture, with J S Gero, G D Ding, and R W Muncey. Elsevier, London 1968.

Architectural Structures. American Elsevier, New York 1971. Reprint 1974. 2nd Edn dto 1976. Pirated reprint Rainbow Bridge, Taipeh. 3rd Edn Pitman, London 1980. Spanish translation, Barcelona, pending.

Dictionary of Architectural Science (paperback). Applied Science, London & Halsted Press, New York, & ANZ Book Co., Sydney 1973. Reprinted 1976. 2nd Edn, with Peter Smith, Elsevier, London and New York 1987.

Design of Building Frames, with J S Gero. Applied Science, London, & Halsted Press, New York 1976. Pirated reprint Rainbow Press, Taipeh.

The Masterbuilders. Wiley, New York 1977. Russian translation Moscow 1982. 2nd Edn 1985.

Science and Building. Wiley, New York 1978. Russian translation Moscow 1983.

A Building Science Laboratory Manual, with John Dixon.
Applied Science, London 1978.

Solar Energy Applications in the Design of Buildings
(edited). Applied Science, London 1980.

Structural Systems, with Forrest Wilson. Van Nostrand
Reinhold, New York 1981. Paperback 1981.

Design of Reinforced Concrete Structures. Prentice Hall,
New York 1982. 2nd Edn 1989.

Predictive Methods for Energy Conserving Design of Buildings
(Edited). Pergamon Press, Sydney 1983.

Environmental Systems, with Peter Smith. Van Nostrand
Reinhold, New York 1983; paperback 1983,

Energy Conservation in the Design of Multi-Storey Buildings
Pergamon Press, Sydney 1984.

Encyclopedia of Building Technology (edited). Prentice
Hall, New York 1988.

The Science and Technology of Building Materials, with Peter
Smith. Van Nostrand Reinhold, New York 1988.

Handbook of Architectural Technology (edited). Van Nostrand
Reinhold, New York, & Chapman and Hall, London, & Thomas
Nelson, Melbourne 1991

*From Wattle & Daub to Concrete & Steel: the Engineering
of Australian Buildings. Melbourne University Press
1998.*