

Concrete Institute of Australia

Updates from Down Under!

Presented by:

Mr Michael van Koeeverden

President, Concrete Institute of Australia

ACI International Forum

ACI Fall 2016 Convention, Philadelphia



Nth QLD



Tassie Devil- TAS



Whale Shark- WA



Fraser Island-QLD



Great Ocean Rd- Vic/SA



Uluru -NT



Sydney-NSW



Barrier Reef- QLD

About Us

The Concrete Institute of Australia

- Started in 1970 – 46 years young this year!
- Over 3000 Members
- Board, Council and 6 State Chapters
- Strategic Committees – Membership, Technical, Standards, Education, Recognition, International, Journal, Planning
- Journal – “Concrete in Australia”, distributed quarterly to 6000+ people
- 2016 – 80+ events, > 3,900 delegates
- 28th Conference “Concrete 2017 – Advances in Materials and Structures”
- Our vision – Excellence in Concrete

CIA and ACI



American Concrete Institute
Always advancing

- International agreement since 2003
- Over 200 ACI Members in Australia
- ACI publications and resources well recognised in Australia
- Number of CIA Members are:
 - Members of ACI
 - Fellows of ACI
 - Voting members of technical committees
- Potential for CIA to:
 - Facilitate closer technical liaison with ACI
 - Support ACI activities in Australia



Why Does Concrete Do the Things It Does?

Professor Ken Hover

June & July 2016, Australia

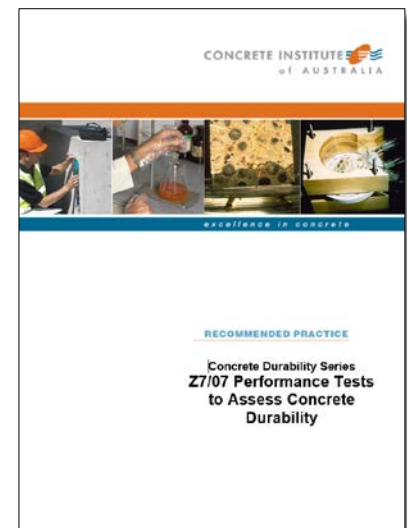
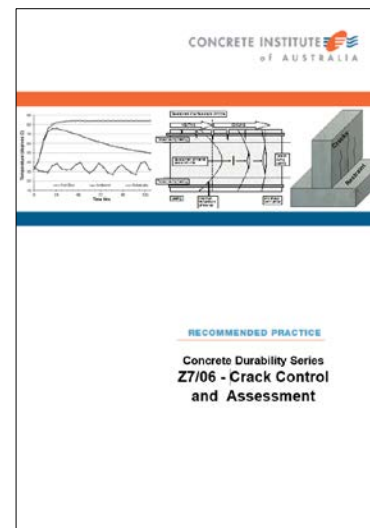
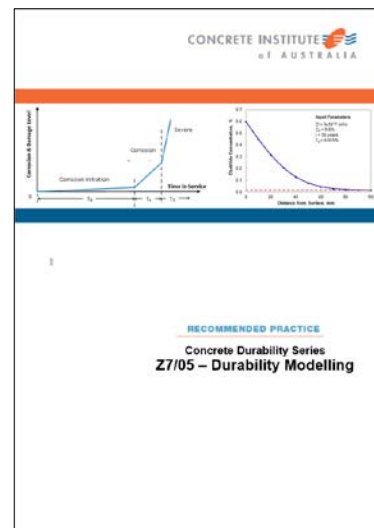
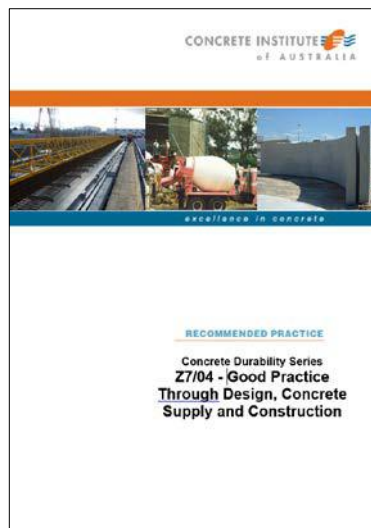
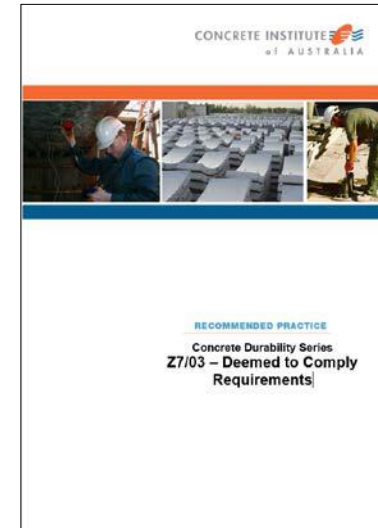
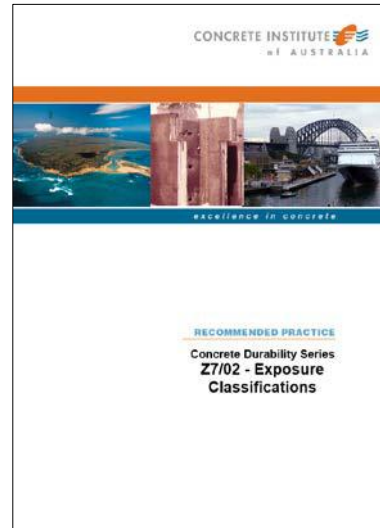
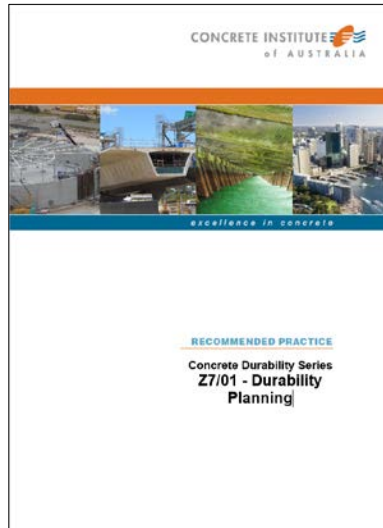




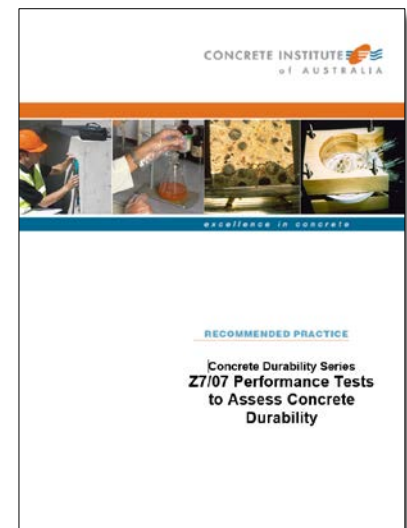
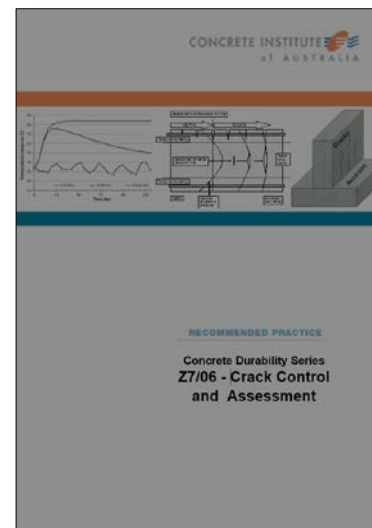
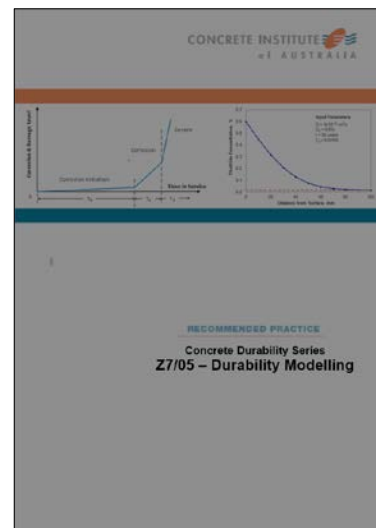
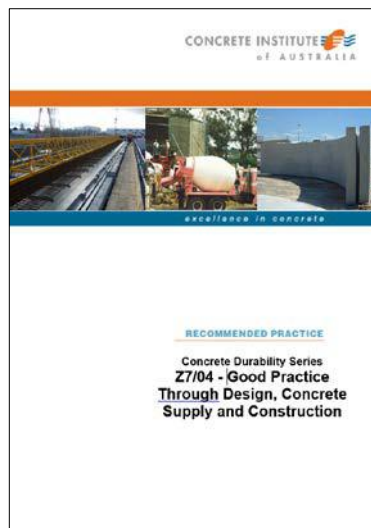
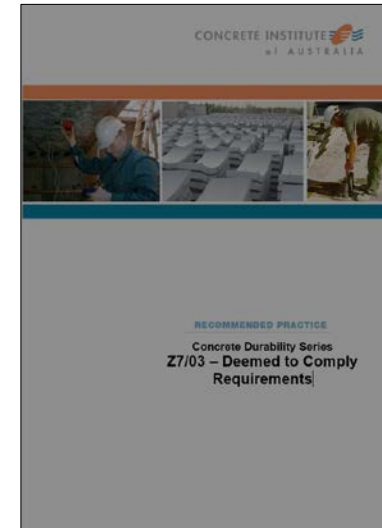
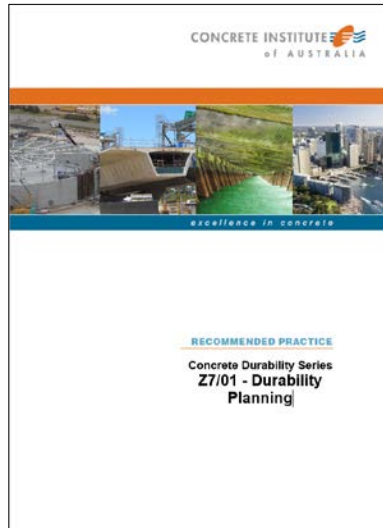
Areas of Current Interest

- Supplementary materials in cement
- SCM's
- Geopolymers
- Ultra high performance concrete
- Early Age Cracking
- Fibres in concrete
- Design of tall buildings
- Sustainability
- Life Cycle Analysis
- Serviceability
- Durability rationalisation
- Durability modelling
- Durability testing
- Fire design for concrete
- Seismic design for concrete
- Wind design for concrete
- Failure modes/risk analysis
- 3D concrete printing
- Specification – performance v prescription

New Recommended Practice Series



New Recommended Practice Series

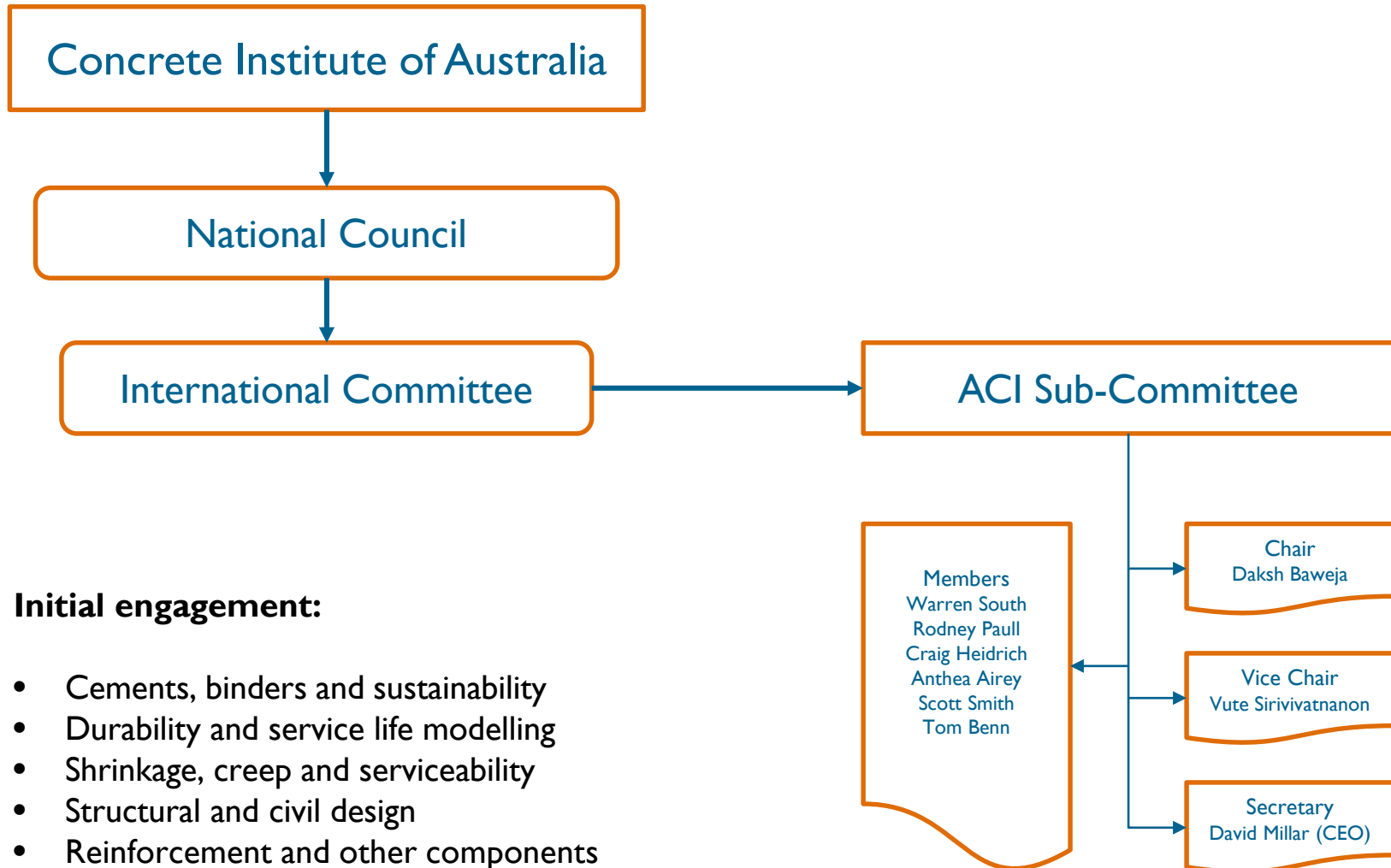




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CIA ACI Sub Committee



Initial engagement:

- Cements, binders and sustainability
- Durability and service life modelling
- Shrinkage, creep and serviceability
- Structural and civil design
- Reinforcement and other components



ACI Technical Committees

- Durability
 - ACI 201, ACI 365, ACI 222
- Cements, Binders, Sustainability
 - ACI 232, ACI 233, ACI 234, ACI 235, ACI 130, ACI 212
- Shrinkage, Creep and Serviceability
 - ACI 231, ACI 209
- Structural and Civil Design
 - ACI 318, ACI 506, ACI 305
- Reinforcement and other Components
 - ACI 440, ACI 221, ACI 544



CONCRETE 2017

Advances in Concrete Materials and Structures
22 - 25 October 2017 | Adelaide, South Australia

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Latest News

Latest news, the Concrete 2017 e-newsletters and key dates are available on the News page.



Express Your Interest

Join our mailing list to be kept up to date with information on the Conference.



Key Dates

Conference Dates: 22-25 October 2017
Call for Abstracts Opening: April 2016



Melbourne, Australia

CONCRETE INSTITUTE
of AUSTRALIA



The International Federation for Structural Concrete 5th International fib Congress

Better - Smarter - Stronger

6 – 12 October 2018

CONCRETE INSTITUTE 
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5TH International fib Congress
www.fibcongress2018.com.au



Sydney



CONCRETE INSTITUTE 
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29th biennial conference – **Concrete 2019**
Sydney, September 2019