

# Concrete Institute of Australia

## What's **BIG** Down Under!

Presented by:  
Mr David Millar  
CEO, Concrete Institute of Australia

ACI International Forum  
ACI Spring 2017 Convention, Detroit

## About Us

### The Concrete Institute of Australia

- Started in 1970 – 47 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
- 28<sup>th</sup> Conference “Concrete 2017 – Advances in Materials and Structures”
- Our vision – Excellence in Concrete



Humpty Doo



Wyndham



Normanton



Daintree

Cairns

Tully

Cardwell

Bowen



Uluru



Emerald

Sapphire

Beerwah

Nambour

Woombye



Wagin

Brunswick Junction

Border Village

Broken Hill

Thulimbah

Surfers Paradise

Surfers Paradise

Ballina

Port Macquarie

Kew

Lake Cathie

Perth



Meckering

Kimba



Barrier Hwy

Tamworth

Adelaide

Berri

Tocumwal

Balleran

Taree

Pokolbin

Adaminaby

McLaren Vale

Kingston

Wimmera

Koonoomoo

Belconnen

Tallem Bend

Cowes

Bass

Penguin

Mole Creek

Latrobe

**BIG THINGS**

**Big Banana**  
**Coffs Harbour, NSW**





**Big Prawn (Shrimp)  
Ballina, NSW**





# Big Galah Kimba, South Australia







**BIG PROJECTS**

27.10



# Barangaroo Sydney, NSW





**Northern Connector  
Adelaide, South Australia**



# Perth Children's Hospital Perth, Western Australia







**BIG TOPICS**



# Performance based specifications





# Durability



# Materials







**BIG COMMITMENTS**

## CIA and ACI

- 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



American Concrete Institute  
*Always advancing*



**Excellence in Concrete Construction Awards**  
Wagners Concrete, Wellcamp Airport, Toowoomba  
November 2016, Philadelphia

Excellence  
Construction Awards

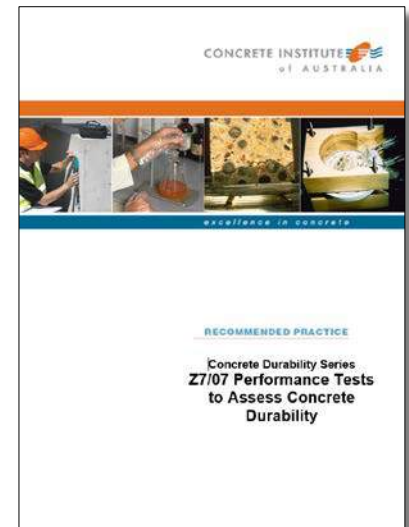
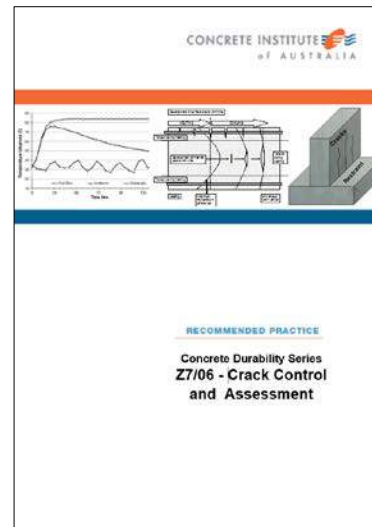
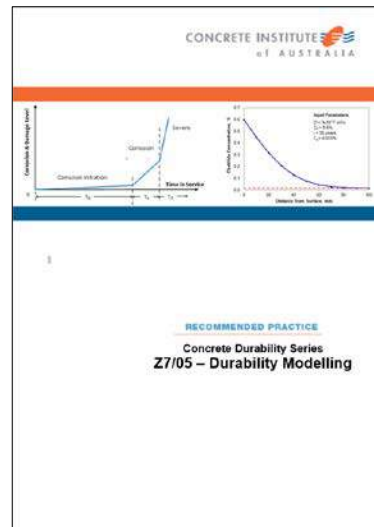
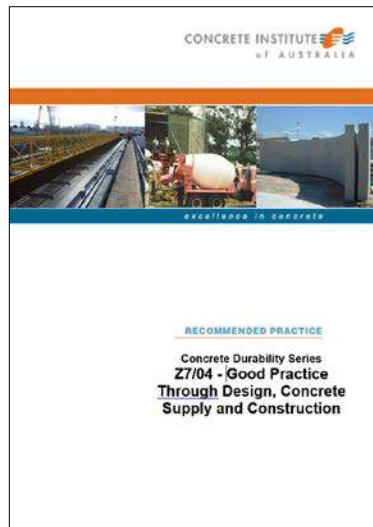
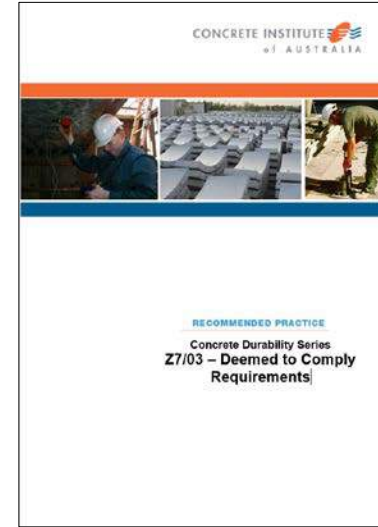
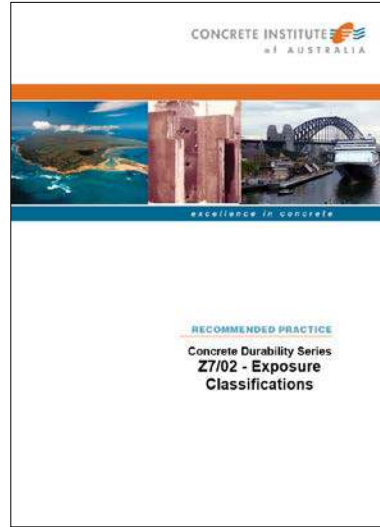
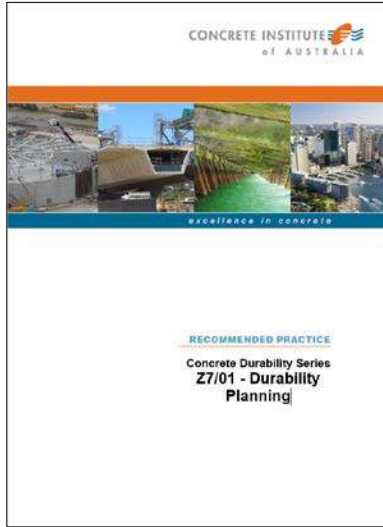


# ACI Publications





# CIA Publications



# On Line Learning

# UNIVERSITY

**NEW**  
Online Learning Portal

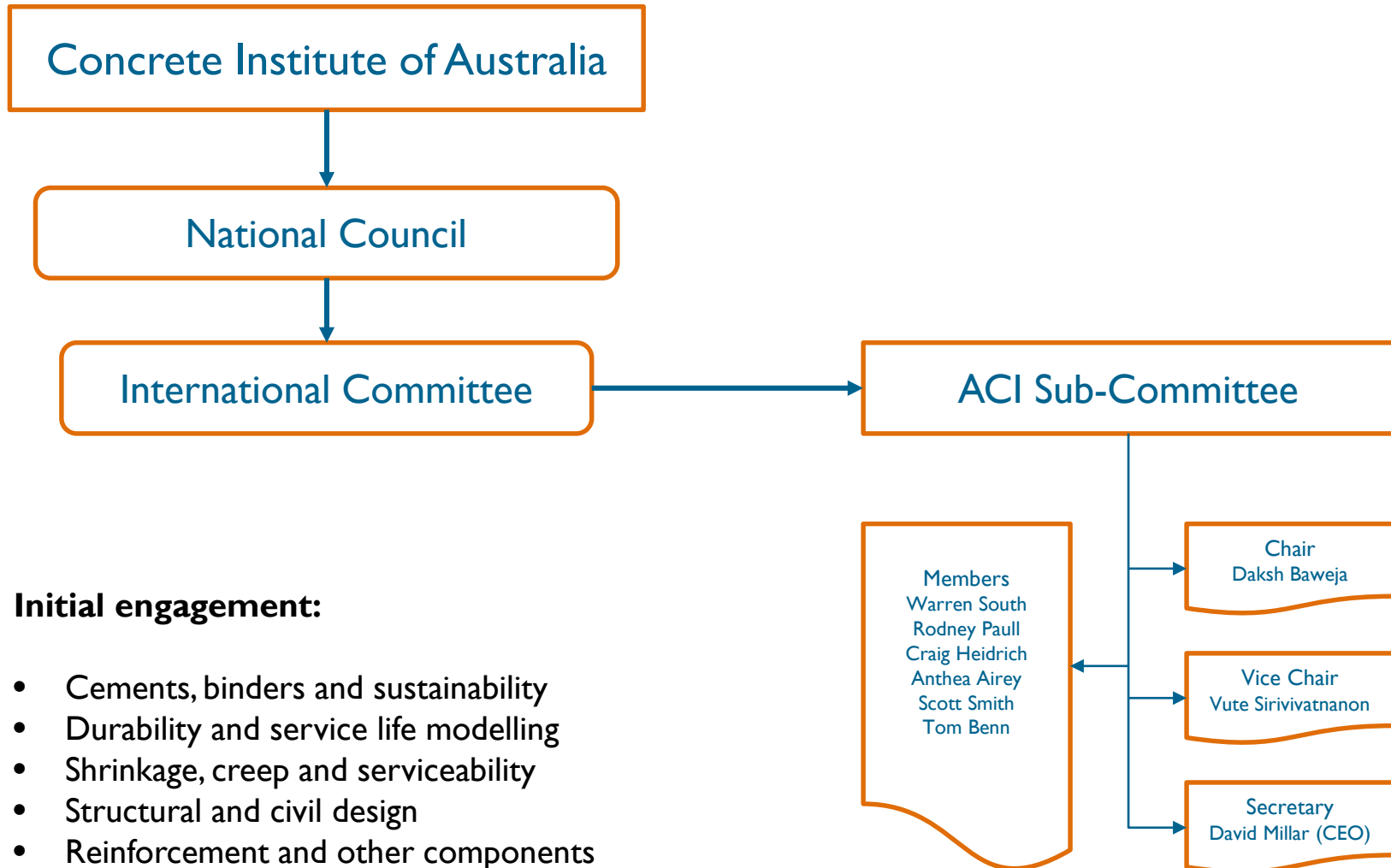


The illustration shows a central desktop monitor displaying a video player with a play button and a speaker icon. To its left is a smartphone and to its right is a tablet, both also displaying the video player interface. The background features a grey cloud with two blue gears, a play button icon in a dashed circle, two orange speech bubbles, and a server rack icon in a dashed circle. The Concrete Institute of Australia logo is in the bottom right corner.

CONCRETE INSTITUTE   
of AUSTRALIA



# 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



**BIG EVENTS**





# Adelaide



## CONCRETE 2017

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



[Home](#) ▾ [Registration](#) [Program](#) ▾ [Sponsorship & Exhibition](#) [Accommodation](#) [Destination](#) ▾ [News](#) ▾



### 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



## The International Federation for Structural Concrete 5th International *fib* Congress

*Better - Smarter - Stronger*

6 - 12 October 2018

[www.fibcongress2018.com](http://www.fibcongress2018.com)

**Professor Stephen Foster** – Chair, Organising Committee, *fib* 2018 Congress

**Mr. David Millar** – Chief Executive Officer, Concrete Institute of Australia



# Sydney



CONCRETE INSTITUTE   
of AUSTRALIA

29<sup>th</sup> biennial conference – **Concrete 2019**  
**Sydney, September 2019**



**Big Merino**  
**Goulburn, NSW**

**THANK YOU!**

