

# Report on ISO/TC71 Plenary Meeting on Concrete, Reinforced Concrete and Prestressed Concrete in University of New South Wales, Sydney, Australia, 28 - 31 January 2014

CIVIL & STRUCTURAL ENGINEERING TECHNICAL DIVISION



reported by Ir. Adjunct Prof. MC Hee

Ir. Adjunct Prof. MC Hee is a member of IEM Technical Committee on Earthquake, Working Group 1 Chairman, Study on Peak Ground Acceleration and Response Spectrum for Malaysia.

On the first day of the 20th ISO/TC 71 Plenary Meeting, the chair of ISO/TC71, Mr. James Cagley (USA) gave a rousing welcome speech to delegates from member countries and thanked the Plenary Meeting host, Standards Australia (SA) as well as venue host, Faculty of Engineering, UNSW, for accommodating the huge number of international delegates.

These plenary meetings are instrumental in stimulating progress of the work of ISO/TC 71 and improved communications between its subcommittees. The seven active subcommittees of ISO/TC 71 are:

- ISO/TC 71/SC 1-Test Methods for Concrete; Secretariat: Israel, Standards Institute of Israel (SII);
- ISO/TC 71/SC 3-Concrete Production and Execution of Concrete Structures; Secretariat: Norway, Standards Norway (SN);
- ISO/TC 71/SC 4-Performance Requirements for Structural Concrete; Secretariat: United States, ACI/ANSI;
- ISO/TC 71/SC 5-Simplified Design Standard for Concrete Structures; Secretariat: Colombia, Instituto Colombiano de Normas Técnicas y Certificación (ICONTEC);
- ISO/TC 71/SC 6-Nontraditional Reinforcing Materials for Concrete Structures; Secretariat: Japan, Japanese Industrial Standards Committee (JISC);
- ISO/TC 71/SC 7-Maintenance and Repair of Concrete Structures; Chair from Japan, Secretariat: Korea, Korean

Agency for Technology and Standards (KATS); and

- ISO/TC 71/SC 8-Environmental Management of Concrete Structures Secretariat: Japan, Japanese Industrial Standards Committee (JISC).

**ABOUT 100 INTERNATIONAL DELEGATES ATTENDED THE PLENARY MEETING AND MANY WERE FROM AUSTRALIA, BRAZIL, CANADA, COLOMBIA, CHINA, INDIA, ISRAEL, ITALY (JRC-EC), JAPAN, KOREA, NIGERIA, NORWAY, MALAYSIA, MONTENEGRO, SAUDI ARABIA, SWITZERLAND, TANZANIA, THAILAND & USA**

**Invited Dignitaries and Speakers  
Dr Bronwyn Evans**

CEO Standards Australia

In October 2013, Dr Bronwyn Evans took on the role as CEO, Standards Australia. She recently held the position of Senior Vice President, Quality, Clinical and Regulation, with Cochlear Limited, reporting to the CEO. She has over 30 years of experience as an engineering executive in the areas of power generation, engineering education, standards creation, and medical devices. She is the Chair of the Advisory Board for Robogals and Chair of the National Board of the Centre for Engineering Leadership and Management.

Evans is a Fellow of The Institution of Engineers Australia, a Fellow of the Australian Academy of Technological Sciences and Engineering, and an Honorary Fellow of the University of Wollongong. In 2013, Dr Evans was



named the EA Sydney Division Professional Engineer of the Year. She received her BE (Elec) and PhD in electrical engineering from the University of Wollongong in the field of industrial automation.

**FIONA DOCHERTY**

PRO-VICE CHANCELLOR (INTERNATIONAL)  
UNIVERSITY OF NEW SOUTH WALES (UNSW)

Fiona Docherty joined UNSW in August 2012 as Pro-Vice-Chancellor (International), having spent 3 years at the University of Glasgow, a world top-100 university, as International Director & Head of Student Recruitment. Docherty played a leadership role in the development of the university's Internationalisation Strategy by recruiting international students, forging influential research and knowledge-exchange networks, fostering a strong international staff and community on campus, harnessing the support of the alumni, working with government, business, and the community on international issues as well as promoting the reputation of the university overseas. A Glasgow alumna, Docherty spent over 10 years with one of the UK's most successful family businesses, Bettys & Taylors of Harrogate, and, at the age of 29, became the youngest director of this award-winning catering, retail, and manufacturing business. For the next 5 years, she worked in the tourism sector as Head of Visitor Services & Business Development at Historic Scotland, where she was responsible for all aspects of the visitor experience at Scotland's best-loved heritage attractions, including Edinburgh Castle. Throughout her career, Docherty has served on a range of committees, including the Tea Sourcing Partnership, formed to set the industry standard for sourcing tea ethically, Business in the Community's taskforce on cause-related marketing, the Historic Properties Group, established to promote increased collaboration across the sector and Universitas 21, the leading global network of research-intensive universities.

**OTHER EVENTS ATTENDED BY DELEGATES OF ISO/TC71 COMMITTEE**

***CIES and CVEN host "Robustness of Concrete Structures" Workshop and 20th Plenary Meeting of ISO TC 71***

The Centre for Infrastructure Engineering & Safety (CIES) and

The Faculty of Engineering were the major sponsors of the 20th Plenary Meeting of ISO TC71 (Concrete, Reinforced Concrete and Pre-Stressed Concrete Technical Committee) being held in Sydney from 28-31 January, 2014.

CIES hosted an international workshop of international speakers on 28 January. The theme of this workshop, "Robustness of Concrete Structures", brought together an eminent group of international speakers including:

- Prof. James Wight** - F.E. Richart, Jr. Collegiate Professor of Civil and Environmental Engineering, University of Michigan
- Prof. Tamon Ueda** - Faculty of Engineering, Hokkaido University, Japan
- Prof. Ting-Yu Hao** - Central Research Institute of Building and Construction, China
- Prof. Stephen Foster** - Head of School, Civil and Environmental Engineering, UNSW Australia.

ISO (International Organization for Standardization) is the world's largest developer of voluntary International Standards. International Standards provide state of the art specifications for products, services and good practice, helping to make industry more efficient and effective. Developed through global consensus, they help to break down barriers to international trade. ISO membership consists of a network of national standards bodies, which in turn represent ISO in their country. In Australia, ISO is represented by Standards Australia - recognised by the Commonwealth Government as the nation's Peak Standards body.

The meeting will provide the members of ISO/TC 71 with an opportunity to further develop international standards in their field. The scope of this Technical Committee includes the standardisation of the technology of concrete, of the design and construction of concrete, reinforced concrete and pre-stressed concrete structures as well as testing procedures, to facilitate international exchange of research work. The meeting attracted more than 100 experts from the 37 participating nations, which were represented on the ISO/TC 71 Technical Committee. ■



*Delegates participation in the workshop*