



PIARC Technical Workshop

International adaptation strategies and increasing the resilience of infrastructure

Date

10th May, 2017 (9.30am-5.00pm)

Venue

61 Mary Street, Brisbane,
Conference Room 1

Investment

This workshop has been sponsored by the Queensland Department of Transport and Main Roads, and there is no cost to attend.

RSVP

To reserve a seat, email Caroline Evans caroline.evans@arrb.com.au by 5th May, 2017

Organisers



Austroads



Sponsor



What is PIARC

The World Road Association (PIARC) is a non-profit association established more than 100 years ago, to promote international cooperation on issues pertaining to roads and road transportation. It comprises a wide range of global members. The core members are road agencies, representing over 120 countries.

Austroads serves as the National Committee to PIARC and coordinates the Australian and New Zealand members' involvement with the World Road Association. Austroads financially supports Australian and New Zealand road transport professionals to attend technical committee meetings and provides opportunities to share the outcomes of meetings and projects locally.

The goal of the PIARC Strategic Theme E: Climate Change, Environment & Disasters, is to increase resilience and protect investments in transportation infrastructure from the impacts of climate change events, while at the same time lessening the impact of road transportation on the environment.

This Strategic Theme includes three Technical Committees, one of which is Technical Committee E.1: Adaptation Strategies and Resilience. The development of strategies for climate change adaptation to increase resilience of road infrastructure are issues to be studied by this Committee.

You're Invited

To the PIARC International Workshop being held in Brisbane, Queensland on Wednesday 10th May 2017. The workshop provides an opportunity to share international knowledge regarding:

- PIARC International Climate Change Adaptation Framework for Road Infrastructure covering vulnerability, risk and adaptation
- Tools for adapting the road infrastructure to better resist the impacts of climate change
- Case studies of best practice in increasing the resilience of the infrastructure to climate change.

Full program is on the reverse side.

Program

9.30am – 10.00am

Opening Session – Opening Remarks

- Miles Vass
- Dr Jürgen Krieger

10.00am – 10.45am

Session #1 – Overview of Australia's Involvement in International Projects and PIARC Technical Committee E.1, Moderated by Louis Bettini (Australian Corresponding Member E.1)

- Australia's involvement in International Adaptation and Resilience Activities, presented by **Caroline Evans**
- Overview of the objectives of PIARC Technical Committee E.1 Adaptation Strategies and Resilience, presented by **Dr Jürgen Krieger**

10.45am – 11.15am

Coffee Break

11.15am – 12.45pm

Session #2 – PIARC Framework and International Approaches

Moderated by **Chris Russell**

- PIARC International Climate Change Adaptation Framework for Roads special project, presented by **Dr Jürgen Krieger**
- Implementing the PIARC Framework in Mexico, presented by **Juan Fernando Mendoza Sánchez**
- International case study approaches to improving network and infrastructure resilience
 - France
 - Germany
 - USA

12.45pm-1.30pm

Lunch Break

1.30pm-3.30pm

Session #3 – Australian projects and case studies, Moderated by PIARC member

- Miles Vass
- Tyrone Toole
- Louis Bettini
- Brisbane City Council
- Australian Government TISN for Critical Infrastructure Resilience
- Logan City Council
- LGAQ

3.30pm-4.30pm

Session #4 – Moderators Feedback

- Summary of Sessions (provided by Moderators)
- Feasibility of overlaying the Framework to the Queensland context (open discussion)
- Ongoing research by PIARC (open discussion)

4.30pm-5.00pm

Closing Session – Closing Remarks

- Miles Vass
- Dr Jürgen Krieger

Contributors

- **Neil Scales** (Australian PIARC First Delegate, Chair of Austroads and Director General, Queensland Department of Transport and Main Roads)
- **Miles Vass** (Deputy-Director General, Infrastructure Management & Delivery, Queensland Department of Transport and Main Roads)
- **Michael Caltabiano** (Chief Executive Officer, Australian Road Research Board)
- **Caroline Evans** (Senior Economist, Australian Road Research Board and Australian Full Member on PIARC Technical Committee E.1)
- **Julie Mitchell** (Chief Engineer, Queensland Department of Transport and Main Roads)
- **Dr Jürgen Krieger** (Chairman PIARC Technical Committee E.1, Head of Bridges and Structural Technology, BASt Germany)
- **Louis Bettini** (Principal Advisor Sustainability, Main Roads Western Australia and Australian Corresponding Member PIARC TC E.1)
- **Chris Russell** (Director of Hydraulics, Queensland Department of Transport and Main Roads)
- **Juan Fernando Mendoza Sánchez** (Head of Environmental Research Group, Mexican Institute of Transportation, Mexico)
- **Tyrone Toole** (Chief Advisor, Australian Road Research Board)



Australian Road Research Board

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