



## Blockage of Hydraulic Structures

**Speaker:** Dr Bill Weeks, Queensland Department of Transport and Main Roads

### **Abstract:**

This presentation will discuss the ARR Project 11 concerned with blockage. Blockage is an important issue for the design and management of drainage systems, and one that can cause considerable disruption and damage. Blockage can affect bridges and culverts as well as urban stormwater systems. While urban areas are of particular importance, blockage is also a concern in rural regions. Currently available guidelines have some comment but have limited guidance. This project is aimed at improving this situation. The project is being undertaken with the assistance of a committee of experts drawn from different sectors of the industry and different regions of Australia. A workshop in 2009 set the scene and a report was prepared on the issue. The project has continued in 2010 with another workshop and guidelines agreed among the committee. The presentation will describe the process and the conclusions of the project to date.

### **Speaker bio:**

Dr Bill Weeks is Director (Hydraulics) in the Queensland Department of Transport and Main Roads. In this role, he is responsible for assessment and management of all drainage and flooding issues for the Department throughout Queensland. Before joining TMR in 2005, he was the Technical Sector Leader for Water Resources at Kellogg Brown & Root Pty Ltd where he worked on projects throughout Australia and south-east Asia. These projects included the Alice Springs to Darwin Railway Project and the Klang River Flood Mitigation project in Kuala Lumpur in Malaysia. He has over 35 years experience in a wide range of water resources fields and has particular experience in hydraulic studies for road and rail projects. He is a former chair of the Water Panel of Engineers Australia in Queensland and is a member of the Technical Committee of the Australian Rainfall & Runoff project for Engineers Australia. He is coordinating one of these projects, Project 11 concerned with blockage of hydraulic structures.

### **Tuesday May 25th 2010**

**Time:** 5:30pm for 6:00pm

Drinks & nibblies from 5:30pm.

**Venue:** Engineers Australia Auditorium, Ground Floor  
8 Thomas St, Chatswood NSW 2067

**See attached maps and follow signage on the day**

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