

## **Conrad Wasko (University of Melbourne)**

### **Session 9a: Designing and delivering seamless services**

#### **Title: Using the Australian Water Outlook for projection of extreme events**

Increases in extreme rainfall as a result of climate change pose a great risk due to the possible increases in pluvial flooding. But currently, we have little information on how flooding is projected to change, hampering adaptation efforts. The Australian Water Outlook provides a huge potential for improving our understanding of how extreme rainfall and flooding will change – projecting the inputs that are used by practicing engineers for infrastructure design. Here, recent research projecting extreme events and design flood inputs using the Australian Water Outlook are presented showing increases in flooding continent-wide by the end of the century.