



The Australian Society for Operations Research - ACT Chapter Seminar

## **Flood Visualisation – Past Present and Future**

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**Speaker: DR Jo Tinnion**

**Organisation of speaker: BMT WBM Pty Ltd**

**Date: Monday 11th April 2016**

**Time: 18:00-19:00**

**Place/Room: Bldg 15, room 152, ADFA**

**Abstract:** Australia is truly a 'land of droughts and flooding rains' with the flood drought cycle being part of life. Early settlers established communities where water was plentiful, on floodplains, along rivers and by the sea. As a consequence floods have a huge effect on life and property and the need to be able to communicate the risk effectively has been an issue both here and abroad for many many years. Jo will describe the consequences of flooding, how floods are forecast and the communication of flood warnings. In particular, how the way flood risk has been communicated to the community and other interested parties such as emergency responders and its evolution over the years. She will then discuss the effectiveness of the messages and what the future may look like inviting ideas for discussion.

**Bio:** Jo has over 22 years' experience, principally in floodplain and coastal risk management both in Australia and the UK.. She has been instrumental in developing innovative approaches to floodplain risk management in Queensland, recommending and implementing to both urban and rural localities working with both state and local government clients. She has also provided expert flooding advice on a number of different strategic initiatives including Master Plans and Total Water Cycle Management Plans demonstrating her knowledge across water boundaries. She has also worked on several key projects involving land use planning and its relevance to flooding. In her previous roles in the UK she had overall responsibility for the delivery of over 60 flooding mitigation projects across the south of England and played a crucial role in managing the emergency response to the 2007 UK flood and the follow up community engagement.

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