

What's happening in flooding in Australia

Abstract: There is a lot going on in the flooding space in Australia at the moment. This includes the National Flood Risk Information Project (NFRIP), updating of Australian Rainfall and Runoff and the National Flood Manual. A number of projects underway are being funded by Geoscience Australia. This seminar will include an update on the upcoming milestones and deliverables of these projects. NFRIP which will undertake three core activities:

- Work towards making flood study mapping information freely available from a central location through an online flood information portal.
- Analyse Geoscience Australia's historic archive of satellite imagery to derive water observations to help understand where flooding may have occurred in the past.
- Improve the quality of future flood information by completing the revision of the Australian Rainfall and Runoff (ARR).

This revision of ARR is due to be completed in the next couple of years. The editor of the final document is Associate Professor James Ball and he will be speaking about the reasons for the revision, the philosophy of the revision, and the current status of the revision. Included in presentation will be a discussion on the revised terminology used in preparing this revision of ARR, the status of the draft chapters for ARR that have been released for review by the profession, an update of the ARR Research Projects currently being completed, and what should be done in the interim period between release of the draft chapters with combining new and old ARR methods.

Janice Green will provide an update on the recently released Intensity Frequency Duration data for Australia (ARR Project 1) and phase 2 of the IFD release.

Duncan McLuckie, Editor of the soon to be launched "Managing the Floodplain: Best Practice in Managing Flood Risk in Australia" will be providing an overview of the document. The best practice guide is not simply about flood mapping or land use planning or building dams. It identifies the importance of understand and using the best available information and fit for purpose approaches appropriate to the location, complexity of the flood problem and considering the broad needs of different end users of flood information.

Speakers: **Geoscience Australia Representative**
James Ball, Editor ARR, UTS
Janice Green, Project Manager ARR Project 1 –IFD revision, BoM
Duncan McLuckie, Editor "Managing the Floodplain", NSW OEH

Wednesday 23rd Oct 2013

Time: 10am to 4pm
Catering included. Cost \$70 to cover catering and venue hire. Full time students free subject to registration prior to the event (email: arr_admin@arr.org.au)

Venue: **UTS Aerial Function Centre**
See attached maps and follow signage on the day

Enquiries: Mark Babister at babister@wmawater.com.au

Attendance can be credited towards IEAust Continuing Professional Development requirements