Two Day Urban Drainage Course (ARR)

Many Council activities require an assessment of the flood risk in the urban areas. The publication of a revised Edition of Australian Rainfall and Runoff (ARR) has resulted in many changes in recommended approaches to the estimation of design flood magnitudes.

The purpose of this workshop is to work through and apply many of the changes in the new Edition of Australian Rainfall and Runoff. Both the theory and the practice will be discussed over the two days.

Venue: TBA

Cost:

Members: $1290.91+ GST

Non Members: $1472.73 + GST

To book please contact Elsie on 02 8267 3008

About the Presentations

In this seminar, we will work through the following:

1. Introduction to course
2. Urban Hydrology
3. Rainfal
4. Estimating flows in Urban drainage Systems.
5. Modelling
6. Estimating Flow Volumes
7. Water Sensitive Urban Design (WSUD)
8. System Considerations

If you have a particular example or issue that you would like to discuss or to be worked through in the seminar, please email Elsie Pathmanathan at elsie.p@ipwea.org

Who should attend?

- Directors of Engineering or Public Works
- Planners
- Supervisors
- Other staff involved in (ARR)

For registration and workshop fees, please click on this link:

http://www.ipwea.org/newsouthwales/nsweducation/search/upcoming

Two Day Urban Drainage Course (ARR)

Presenter

James Ball Associate Professor UTS

James Ball is an Associate Professor in the School of Civil and Environmental Engineering at the University of Technology Sydney, in Sydney Australia. His primary research interest is in the development and application of catchment modelling systems for flood estimation in both urban and rural catchments. This includes the determination of parameters for these systems and the use of information technology in the determination of these parameters. Through these research activities he has published a number of book chapters, journal papers and referred conference papers. In 2011 he was awarded the JC Stevens Award by the ASCE for his publication in the Journal of Hydraulic Engineering related to urban drainage system modelling. Prior to joining the University of Technology Sydney, Professor Ball obtained experience through research undertaken at universities in Australia, Canada and USA. Professor Ball also obtained experience in Consulting Engineering and in Government Authorities.

James Ball has been appointed by Engineers Australia as the Editor responsible for the current revision to Australian Rainfall and Runoff. In this role, he is a corresponding member of Engineers Australia's National Committee on Water Engineering. In addition to his Engineers Australia activities, he is a Vice-President of IAHR (International Association for Hydro-Environmental Engineering and Research), a member of the editorial boards for the Urban Water Journal, the Journal of Hydroinformatics, the Editor-in-Chief of the International Journal of River Basin Management, and is an Associate Editor of Water Science and Technology.

Invitation to attend

This course would be best suited to Engineers, Planners and other staff involved in (ARR)

For registration and workshop fees, please click on this link:

http://www.ipwea.org/newsouthwales/nsweducation/search/upcoming

For further information, please contact IPWEA (NSW)

- **Email: pd@ipwea.org • Ph: (02) 8267 3001**
- **Web: www.ipwea.org/nsw**

Level 12, 447 Kent Street, Sydney NSW 2000

New South Wales

IPWEA

INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALASIA