

# Application of Australian Rainfall and Runoff (ARR2019) in Urban Areas

1 Day Workshop course

9:30am - 5:00pm, Monday 13 May 2019

Hotel Realm, Canberra ACT

Cost: \$350



This one day course will be presented by the editors and authors of ARR and will cover the philosophy and application of ARR in urban catchments. The course is aimed at practitioners, managers, town planners and council engineering staff. The workshop will provide an overview of ARR but will focus on the application in urban areas. This workshop will include practical application via examples, open discussion and answers to questions. Importantly, this workshop is an opportunity for council officers and practitioners to discuss the objectives, the application and challenges of the new ARR Urban Book. An important part of the course will be the current philosophical objectives of the urban book and how we design and manage urban system in the future.

## Workshop presenters



Dr. Peter Coombes

Director, Urban Cycle Water Solutions



Steve Roso

Environmental Engineer



Mark Babister

Managing Director  
WMA Water

The workshop will be delivered by Mark Babister, Dr Peter Coombes and Steve Roso, who have delivered a diverse range of projects based on water resources, including urban design, stormwater and runoff. Each of the team has decades of experience and hundreds of completed projects between them.

## Course components include:

- ARR overview
- Philosophy and objectives of urban book (chapter 1-3)
- Greenfield and brownfields case study
- Volume and conveyance management (Book 4-5)
- Application of ARR in in urban catchments and design inputs (IFD, ARF, losses, preburst, ensembles and climate change)