



**Overview of ARR 2019  
Applied to Urban Drainage**

**Overview of configuring  
ARR 2019 procedures  
with DRAINS**

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## PROGRAM – ARR 2019 Morning Seminar

8.00 am Registration

8.30 am Commencement of ARR 2019 Morning Seminar covering:

- Why do we have a new set of guidelines?
- Overview of past editions of ARR
- ARR 2019 Online & overview of each Book
- Overview of Hydrology, loss models and routing models
- ARR 2019 Temporal Pattern Regions and Rural Loss Model Zones
- New ARR Probability Terminology
- Ensembles of Storms
- ARR Data Hub
- Initial Loss Continuing Loss Data
- NSW OEH Specific Requirements
- Median Preburst Depths
- Climate Change
- Bureau of Meteorology 2016 IFD Rainfall Data
- Comparing ARR 87 IFD to 2016 IFD at the location of the workshop
- Challenges with ARR 2019
- Demonstration of ARR 2019 Regional Flood Frequency Estimation (RFFE) Model
- Overview of applying ARR 2019 procedures with DRAINS

10.30 am Morning Tea

11.00 am Close of Workshop, commencement of the DRAINS Advanced Workshop