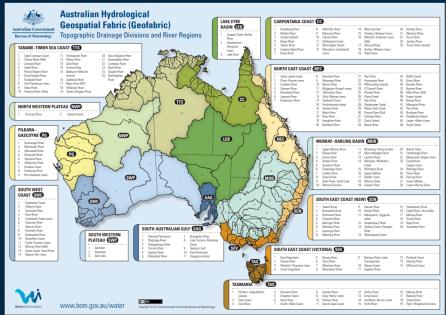
Transboundary Water Management and Information Sharing

Dr Robert Argent, General Manager Water 20 March 2018



Australia: Transboundary and Data Sharing Context

- Water resources management is the responsibility of States and Territories
- Minimal alignment of boundaries or jurisdictions
- Observations are taken and managed by over 150 organisations
- 100+ years of federation
- 100+ years of cross-boundary 'cooperation'
- Challenges:
 - Agreement (on objectives, outcomes, etc)
 - Exchange/ interoperability
 - Understanding



Building on Australian Experience

- World Water Data Initiative under the UN/World Bank High Level Panel on Water
- Published Good Practice Guidelines for Water Data Management Policy

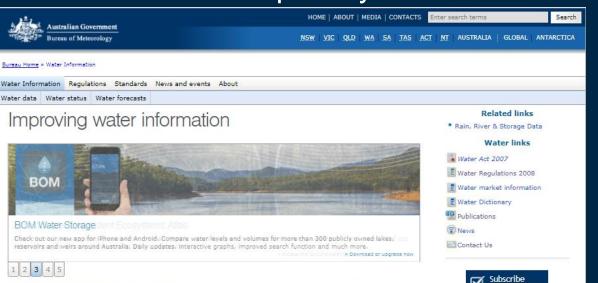


Figure 4.1: The seven elements of good practice in water data management

Building an Enduring Water Information Capability

• A suite of over 20 products and services

 Delivering value and impact to water information customers every day





- Climate Resilient Water Sources
- Design Rainfalls
- Environmental Monitoring Sites
- Geofabric
- Groundwater information
- Hydrologic Reference Stations
- Water markets information
- Water Data Online



- Water Assessments
- Landscape Water Balance
- National Water Account
- Urban National Performance Report
- Water Restrictions
- Water Storage

- Water forecasts • Floods
 - 7-day Streamflow Forecasts
 - Seasonal Streamflow Forecasts

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Thank you

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Australian Government Bureau of Meteorology