How water sensitive is your city?

Figure 2. Various Scales of Stormwater Bioretention Systems Constructed in Melbourne, Australia
(A–H) (A) Royal Park Wetland, Parkville; (B) Baltusrol Estate, Moorabbin; (C) Lynbrook Boulevard, Lynbrook; (D) Cremorne Street, Richmond; (E) Victoria Harbour, Melbourne Docklands; (F) Baltusrol Estate, Moorabbin; (G) Batman Ave Tree Planters, Melbourne Docklands; (H) NAB Building Forecourt Wetland, Melbourne Docklands.
Urban water transition phases

Cumulative Socio-Political Drivers

- Water supply access and security
- Public health Protection
- Flood protection
- Social amenity, environmental protection
- Limits on natural resources
- Intergenerational equity, resilience to climate change

Service Delivery Functions

- Water Supply City
- Sewered City
- Drained City
- Waterways City
- Water Cycle City
- Water Sensitive City

- Supply hydraulics
- Separate sewerage schemes
- Drainage channelisation
- Point & diffuse source pollution management

- Diverse, fit-for-purpose sources & end-use efficiency, waterway health restoration
- Adaptive, multi-functional infrastructure & urban design reinforcing water sensitive values & behaviours
Large-scale centralised infrastructure and institutions

Flexible, green infrastructure. A range of governance arrangements

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What does the Index do?

- Helps set targets and track progress
- Fosters industry collaboration
- Provides diagnostic insight to support action for green infrastructure