

## New IWM tools & resources now available on the Water Research Access Portal (WRAP)

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### Background

Over recent years there has been great progress in collaborative planning and delivery of Integrated Water Management (IWM) outcomes across Victoria, with a substantial number of tools, frameworks and guidance documents being created to assist industry in understanding and applying new concepts.

With a wealth of knowledge to be accessed, navigating resources can be overwhelming. As the breadth of stakeholders involved in the IWM process expands and the level of service and complexity grows, a centralised resource hub becomes increasingly valuable.

The Department of Environment, Land, Water and Planning (DELWP) recently commissioned an IWM Tool

Scan to provide an up-to-date portfolio of the tools available to assist practitioners with IWM project planning and delivery. This scan revealed the existence of a range of tools that support IWM. These include guidelines and frameworks for IWM planning and examination, models for analysis and design, tools to aid stakeholder engagement, and resources to support IWM policy development.



Image Source: CSIRO - photo by Brad Sherman

### Water Research Access Portal (WRAP)

Clearwater has partnered with the Water Services Association of Australia (WSAA) to make the information generated by the tool scan available through an online portal, providing a one-stop shop for planning and implementing IWM projects. The [Water Research Access Portal \(WRAP\)](#) brings together a number of best-practice resources that practitioners can access in a comprehensive, user-friendly format.



On WRAP, you will find a rich database of Australian urban water research from reputable organisations, including:

- Primary research: reports, publications, frameworks, etc.
- Learnings from research: grey literature such as case studies, conference papers, communication pieces, news articles, project evaluations, policy analysis etc.
- Tools of the trade: links to access methodologies, models, data.

WRAP is a collaborative effort by a number of Australian research centres, government agencies, and industry, and is managed by the [Water Services Association of Australia](#).

To explore IWM resources on the WRAP tool, visit <http://www.waterportal.com.au/>

## Water Smart Cities



Integrated Water Management

Water Sensitive Urban Design

Intelligent Systems

Liveability

## How to use WRAP

WRAP aims to make information readily accessible to the water industry via a search functionality built on themes of national importance. It provides a single, easy to use gateway, and the resources are reputable and peer reviewed.

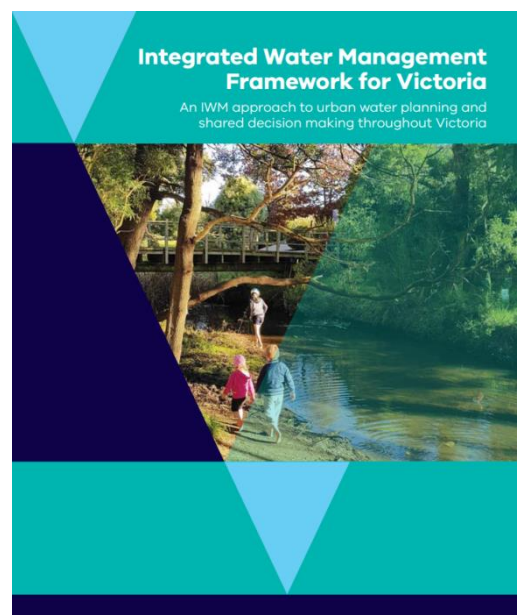
Finding the required information on WRAP is simple. Resources can be accessed by:

- Searching keywords - enter key terms via the search bar.
- Browsing themes - eight key themes and sub-categories are listed on the homepage.
- Keyword searches and themes can be further refined by sub-themes, additional keywords, organisation and/or document type.
- Navigate the research, data, models, policy documents and more via the [Resource Map](#).

## DELWP IWM Tools

Along with the hundreds of useful documents from a range of contributors, DELWP have added a variety of tools to WRAP to support practitioners delivering IWM projects:

- **Integrated Water Management Framework for Victoria** aims to help government, the water sector and the community to work together to better plan, manage and deliver water in Victoria's towns and cities. It outlines how greater community value can be delivered by consistent and strategic collaboration within the water sector.
- **Hydra**, DELWP's collaborative, web-based mapping tool, allows authenticated users to add and share information about existing IWM projects and case studies, and will be a useful tool through the IWM forum process.
- **Economic Evaluation and Cost Allocation Framework** provides a robust method for evaluating the costs and benefits of a project.
- **Externality Valuation** focuses on assigning values to costs and benefits that are not obviously monetised, such as the community benefit of amenity improvements
- **Green-blue Infrastructure Guidelines**, jointly presented with the City of Ballarat, is a how-to guide for planning urban greening and enhanced stormwater management. It will assist cities and towns in planning for increased presence and effectiveness of green-blue infrastructure in urban areas.
- **Urban Forest Guidelines**, a component of the 2020 Vision (20V), will assist councils in the development of their own strategy for urban greening.
- **Preliminary Assessment Method Guidelines** provides guidance on shortlisting options, brings together lessons and data from previous IWM strategies, and outlines a methodology framework to aid shortlisting in a time-effective manner.



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