



LOCAL TAB: Victoria

Building capacity to implement natural resources information management systems.

www.nlwra.gov.au

VICTORIA

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Guide to symbols

The following symbols are used throughout the Toolkit as a guide to users, and draw attention to important issues and information.



Information which readers should take particular note of



Best practice information



Tips for readers—based on experience and aimed at saving time and resources



Caution—readers are advised that particular care should be taken or that the subject issue may be complex



Additional information



Capability raising—used to show a signpost to a higher capability level

**Bold
Text**

Used to highlight a particular issue

**Boxed
Text**

Highlighting of issues specifically related to ANZLIC or the Audit

Local Tab: Victoria

1 Material on Victorian NRM programs

Department of Sustainability and Environment: <http://www.dse.vic.gov.au>

Department of Primary Industries: <http://www.dpi.vic.gov.au>

Victorian Resources Online: <http://www.dpi.vic.gov.au/vro>

Corangamite Catchment Management Authority: <http://www.ccma.vic.gov.au>

East Gippsland Catchment Management Authority: <http://www.egcma.com.au>

Glenelg Hopkins Catchment Management Authority: <http://www.ghcma.vic.gov.au>

Goulburn Broken Catchment Management Authority: <http://www.gbcma.vic.gov.au>

North Central Catchment Management Authority: <http://www.nccma.vic.gov.au>

North East Catchment Management Authority: <http://www.necma.vic.gov.au>

Mallee Catchment Management Authority: <http://www.malleecma.vic.gov.au>

Port Phillip & Westernport Catchment Management Authority: <http://www.pppwcma.vic.gov.au>

West Gippsland Catchment Management Authority: <http://www.wgcma.vic.gov.au>

Wimmera Catchment Management Authority: <http://www.wcma.vic.gov.au>

NRM Program: <http://www.nrm.gov.au/>

National Action Plan for Salinity and Water Quality: <http://www.napswq.gov.au/napswq/index.html>

National Land & Water Resource Audit: <http://www.nlwra.gov.au/>

2 Spatial data infrastructures and policies

General resource material

Land Channel: <http://www.land.vic.gov.au/spatial> including: Victorian Spatial Information Strategy, Spatial Information Guidelines, Spatial Information Management Framework (forthcoming)

Victorian Spatial Council:

<http://www.land.vic.gov.au/Land/lcnlc2.nsf/alltitle/Victorian+Spatial+Council>

DataSearch Victoria:

<http://services.land.vic.gov.au/SpatialDatamart/dataSearch.html>

Victorian Spatial Data Directory:

<http://www.land.vic.gov.au/vsdd>

Australian Spatial Data Infrastructure (ASDI): http://www.anzlic.org.au/infrastructure_ASDI.html

ANZLIC policies: <http://www.anzlic.org.au/policies.html>

Australian Spatial Data Infrastructure (ASDI): <http://www.ga.gov.au/nmd/asdi>

Office of Spatial Data Management (OSDM): <http://www.osdm.gov.au/>

'Snapshot of SDI Development in Australia':

http://www.geom.unimelb.edu.au/research/publications/IPW/024_Warnest%20REF.pdf

3 Copyright and Intellectual property

Copyright: The Australian Copyright Council produces a number of information sheets and a range of detailed practical guides that provide additional information about copyright law and how it applies in practice.

The information sheets and additional resource material are available at

<http://www.copyright.org.au/information/introductory.htm>

Intellectual Property or IP: IP represents the property of the mind or intellect. In business terms this also means proprietary knowledge. Types of IP include patents, trade marks, designs, copyright, circuit layout rights, plant breeder's rights, and confidentiality/trade secrets. IP Australia maintains a website providing background information on IP in Australia and guidelines on how to develop a strategy to protect IP rights: See: <http://www.ipaustralia.gov.au/ip/introduction.shtml>.

4 Data access and licensing policies

Victorian Government Spatial Policy

A range of policy documents and operational guidelines for custodianship, metadata, archiving, access, quality, data licensing and pricing are available on the Land Channel website:

<http://www.land.vic.gov.au/Land/lcnlc2.nsf/childdocs/-418EED712A81C5AE4A256A0A0015CDC1-F31E2DE1F7D75F504A256A4F0017DA3E-B3B667568E6561444A256A5700195F0E?open>

The National Land & Water Resources Audit (the Audit) and ANZLIC – the Spatial Information Council

The Audit and ANZLIC have collectively developed a Data Access and Management Agreement signed by all jurisdictions in September 2001. The agreement provides for consistent access arrangements to the datasets held by the Audit and its jurisdictional partners. See <http://www.anzlic.org.au/get/2375374673>

In addition, ANZLIC and the Audit have collaborated in developing a model agreement for use in any natural resource management program. The Model Data Access and Management Agreement (<http://www.anzlic.org.au/get/2375374755>) incorporates guidelines for custodianship, metadata, archiving, accessing, data licensing and pricing and puts them into an operational context.

5 Data discovery, visualisation and reporting

DataSearch Victoria

DataSearch Victoria is an online facility that enables users to search for data via three easy-to-use methods: a simple text query, e.g. National parks and reserves; a range of themes and topics, e.g. 'Geological and geophysical'; and location—by drawing a box around the particular geographical

area of interest. The user can also preview the data and review the relevant metadata to ensure they are fit for purpose before clicking on a list of data providers to determine acquisition options.

MapShare Interactive Mapping Facilities

These interactive maps allows the operator to zoom in and out, pan around the map, identify features in the map, perform queries on databases, generate reports, link to other sites and create printable maps (in PDF) based on themes.

Biodiversity Interactive Map provides information on the biodiversity of Victoria and displays flora and fauna data.

Catchment Information Mapper allows the operator to display and query land and catchment themed spatial information along with administrative boundaries and contextual information.

Explore Victoria Online – Geovic is used for the display and inquiry of spatial features across the state of Victoria—primarily for those interested in minerals and petroleum.

Fireplan provides information about planned burns within the [Fire Operations Plan](#).

Forest Explorer Online provides access to Victorian forest information and allows the operator to become familiar with the data used in forest management decision-making. Forest Explorer provides an important basis for engagement between the Department of Sustainability and Environment (DSE) and individuals/communities in relation to forest management issues.

Index of Wetland Condition (IWC) Base Maps tool is used to create wetland maps that are used in the IWC. The IWC is a method for rapidly assessing the condition of wetlands in Victoria. It is currently provisional, pending further use and testing which is being coordinated by DSE. For more information on the method see the [Index of Wetland Condition website](#).

Interactive Map can be used to find a property or place (by street address, suburb or town, lot on plan, coordinates or street directory) and generate a property report with location details, planning information and more. There is also facility to search and view street directories (Melway and VicRoads) by page number and grid reference.

Land and Survey Spatial Information replaces 'Public View' and provides all of its features in the comfort of the office/home via a web browser. Search by address, lot on plan, crown description, street directory, coordinates, survey label and survey mark. View the property map base with survey annotation and print/save maps.

Marine Map – Victoria provides information on the marine and coastal environment of Victoria. The data have been compiled by the Victorian Government with support from Environment Australia.

Planning Maps Online allows viewing of planning scheme and overlay maps, searching using a property address, Melways reference or lot and plan number, and printing a PDF Planning Property Report for the designated property.

Urban Development Program is a major initiative to support the implementation of the state government's Metropolitan Strategy, Melbourne 2030. The purpose of this program is to ensure adequate supply of land for future development. The interactive map allows a search for an area, generation and printing of the relevant map and report. Themes: Broadhectare residential land, major residential redevelopment sites and industrial land.

Victorian Water Resources integrates water-related data from the State Hydrographic network, Victorian Water Quality Monitoring Network, Index of Stream Condition, Waterwatch Victoria, Groundwater Management System, Department of Primary Industries, Primary Industries Research Victoria (PIRVic) salinity bores.

6 NRM monitoring and evaluation

Issues and opportunities associated with NRM monitoring and evaluation were recently reviewed in the [Victorian Catchment Management Council's \(VCMC\) 2007 Catchment Condition Report](#). The VCMC is the Victorian Government's peak advisory body on land, water and biodiversity issues and priorities related to catchment management. It is uniquely placed, being independent of government agencies, catchment management authorities and non-government organisations. The VCMC facilitates integrated and coordinated catchment management through [Victoria's Catchment Management Framework](#).

State Government websites for further information relating to the Matters for Target and associated issues:

Abbreviations:

Department of Sustainability & Environment – DSE

Department Primary Industries – DPI

Theme	Contact Agency/s	Website
Soils	DPI	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/soil-home
Water Quality	DSE	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/water-home http://www.vicwaterdata.net/vicwaterdata/home.aspx http://www.dse.vic.gov.au/dse/wcmn202.nsf/Home+Page/592E2077307FBB0CCA256FE100095CDD?open

Theme	Contact Agency/s	Website
Vegetation	DSE	http://www.dse.vic.gov.au/dse/nrenlwm.nsf/childdocs/-FA20C94F64F19A5E4A2567D7000B194D-6913EC9CCBBC588A4A2567D7000B1ADD?open http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/vegetation http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A
Estuarine, Coastal & Marine	EPA	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/marine http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A http://www.dse.vic.gov.au/dse/nrencm.nsf/Home+Page/DSE+Coasts%7EHome+Page?open
Invasive Species	DPI	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/landwatermgmt
Land Salinity	DSE DPI	http://www.dse.vic.gov.au/dse/nrenlwm.nsf/FID/-EAA75240DF7E38514A2569450019FE66?OpenDocument http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/water-gw-salinity-program http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A

Theme	Contact Agency/s	Website
Species and Communities	DSE	http://www.dse.vic.gov.au/DSE/nrenpa.nsf/LinkView/076D320AB2AEC004CA256BAC000F3E52730F433356FA4CE14A2567D600824A63 http://www.dse.vic.gov.au/DSE/nrenari.nsf/LinkView/75BC32560A404427CA2571EE0011BAA5A2A10FA90B8883144A256DEA0017F485 http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58
Rivers	DSE EPA	http://www.vicwaterdata.net/vicwaterdata/home.aspx http://www.dse.vic.gov.au/isc
Wetlands	DSE	http://www.dse.vic.gov.au/DSE/nrence.nsf/LinkView/3EA5B6AEFB53EE3DCA25708B00145F44522C816829EBF3F7CA25700C00240E63 http://www.dse.vic.gov.au/DSE/nrence.nsf/childdocs/-8946409900BAC6344A256B260015D4AF- http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A

Theme	Contact Agency/s	Website
Biodiversity	DSE	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/biodiversity http://www.dse.vic.gov.au/DSE/nrence.nsf/childdocs/-8946409900BAC6344A256B260015D4AF?open http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A
Land Use	DPI	http://www.dpi.vic.gov.au/dpi/vro/vrosite.nsf/pages/landuse-home http://www.dse.vic.gov.au/DSE/dsencor.nsf/LinkView/836EE128E54D861FCA256DA200208B945FD09CE028D6AA58CA256DAC0029FA1A
Socio-economic	DSE	To be developed