

Northern Victorian Water & Landscape Research Website

www.gbcma.vic.gov.au/researchdatabase

John Thompson, Practique

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Major Areas of Research – from Keywords

MAJOR ISSUES	Total
Policy	37
Agriculture	34
Salinity	34
Aquatic ecosystems	31
Land use & land use change	28
Biodiversity	27
River management	26
Irrigation	25
Community & social issues	24
Economics	23
Water use & yield	22
Water quality	18
Vegetation	15
E flows	14
Groundwater/hydrogeology	13
Nutrients	12
Sediments	8
Ecosystem services	7
Fish	7
Agroforestry	4

Record Details

Project

title
description
location

Project

leader
department
organisation
address
telephone and email

Project

begin date
end date

Project

budget
funding source

Keywords

Searching the Database...

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http://www.gbcma.vic.gov.au/researchdatabase/search.asp

Firefox Help Firefox Support Plug-in FAQ

Researcher Login: [click here](#)

Northern Victorian Water & Landscape Research Database

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Search the Database

Use the search engine below to find research undertaken in the Goulburn Broken Catchment.

Keyword Search:
trout

Organisation:

Department:

Project Location:

Date:

Search for projects starting from this date and after.
Leave blank for any. NOTE: Not all projects have associated dates.

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Centre for Water and Landscape Management (CWLM)

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Researchers' Projects...

Research Database

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My Projects

Search Results

Please use the following links to review and edit your relevant projects.

▣ [Assessing the ecological risks of salinity increases within the Goulburn-Broken catchment](#) - Project Viewed

Project ID: 14 [Water Studies Centre - Monash University](#)

Development of an ecological risk assessment method applied to river and stream environments in the GB Catchment. It will be used to assess the risk from salinity increases over time scales ranging from present day to ~100 years. The method uses output from a water quality model to predict various salinity thresholds being exceeded; and uses existing data on the occurrence of animal and plant taxa (including 'Flagship' species) to quantify the expected ecological consequences for biodiversity when thresholds are exceeded. ...

▣ [Adverse changes to the abundance and diversity of native fish in the Goulburn catchment](#)

Project ID: 16 [Water Studies Centre - Monash University](#)

Development and testing of a generic framework for assessing the ecological risks associated with Australian irrigation systems. A case study of the Goulburn River was conducted to quantify changes in native fish abundance and diversity. Using a modelling approach, hazards to native fish communities were quantified ...

▣ [Modelling nutrient release from sediments in lowland rivers and storages](#)

Project ID: 92 [Water Studies Centre - Monash University](#)

Researchers Edit or Delete Projects...

Research Database

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Edit or Delete the Project Entry

To Edit the Entry

Use the form below to modify content in your project entry. To submit any changes, click 'Submit Modifications' at the bottom of the form. You will then be notified of your change request, and, once approved, the changed record will be uploaded to the database. You will be notified via email when the record is uploaded.

To Delete the Entry

Click 'Delete this Project' at the bottom of the form. The database administrator will then be notified of your delete request, and, once approved, the record will be removed from the database. You will be notified via email that your entry has been deleted.

To Return to My Projects

To return to the 'My Projects' menu page without making any changes, [click here](#).

Project ID:

14

Project Name: *

Assessing the ecological risks of salinity increases within the Goulburn-Broken catchment

Project Description:

Development of an ecological risk assessment method applied to river and stream environments in the GB Catchment. It will be used to identify those areas at greatest risk from salinity increases over time scales ranging from present day to ~100 years. The method uses output from a water quality model to describe the likelihood of various salinity thresholds being exceeded and

Project Location:

Project Leader:

Angus Webb

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