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The latest research publications for the Corangamite region

All listings can be downloaded on the Corangamite CMA Knowledge Base:

www.aanro.net/ccma/page/search.htm.

Publication of the Month

Evaluation of the ecological response to large-scale river restoration in the Gellibrand and Carlisle Rivers, western Victoria. (Report 2008)

Becker, A & Robson B J (School of Life & Environmental Sciences, Deakin University, Warrnambool)

Darren Wilkie, River Health Officer at the Corangamite CMA outlines the key outcomes of this research report:



Darren Wilkie

“A huge effort has been made by the Corangamite CMA, Landcare groups, and landholders to fence, revegetate and manage willows along waterways within the Corangamite region over the past 10 years.

In 2007, the CMA approached Deakin University to undertake a study in the Gellibrand and Carlisle Rivers to compare naturally forested sites with rehabilitated and re-vegetated sections of stream to quantify changes in river health.

This study helps confirm that improvements to stream health can be made short term (within eight years in this case). Future studies will be needed as these sites mature, but it is encouraging to know that we are making a difference”.

Other recent publications:

Hydrosphere

1. **Characterising fish assemblages of rehabilitated and forest riparian zones in the Carlisle and Gellibrand River catchments (Report 2008)**

Howson, Travis.J (Australian Private Fisheries Resources)

Biosphere

2. Seed quality of *Allocasuarina verticillata* (Allocasuarinaceae) populations in the Corangamite CMA (2008)

Broadhurst, Dr Linda (CSIRO Plant Industry)

3. The Threatened Growling Grass Frog in the Wimmera and Corangamite Catchments. An Assessment of Habitat Requirements and the Utility of Automatic Call Recording Devices as a Survey Tool. (2008)

Michael J. Smith, Nick Clemann, Michael P. Scroggie, Garry N. L. Peterson (Department of Sustainability & Environment)

Lithosphere

4. Monitoring the impact of salinity on infrastructure in the Corangamite CMA Region: Literature Review (Report 2008)

David, G.A (ENPLAN PARTNERS with Agricultural Decisions Pty Ltd) Brewin, D.C (ENPLAN PARTNERS with Agricultural Decisions Pty Ltd) Thatcher, A.C (ENPLAN PARTNERS with Agricultural Decisions Pty Ltd)

5. Investigation and reporting of past and present ecological characteristics of seven saline lakes in the Corangamite Catchment Management Area (Report 2008)

Kellie Hose, Bradley Mitchell, Janet Gwyther (School of Life and Environmental Sciences, Deakin University)

6. Groundwater Level Mapping: BORE DATA REVIEW AND MAPPING METHODOLOGY (Report March 2008)

Fulton S (Sinclair Knight Merz Pty Ltd)

7. Treatment Options for Discharge Management: Final Report (Report 2008)

McRobert J (Quality Assured Company) & Carr G (RMCG)

8. Corangamite CMA Salinity Bore Monitoring Program: 2007 Final Report (Report May 2008)

Dahlhaus P, O'Neil L, Smith R (University of Ballarat)

9. Environmental Flow Determination for Painkalac Creek: Final Recommendations (February 2008)

The Painkalac Creek Environmental Flows Technical Panel Comprised of:

Doeg T (Invertebrate Ecology, Fish Ecology, Hydrology)

Vietz G (Geomorphology, Hydraulic Modelling)

Boon P (Vegetation Ecology, Wetland Ecology, Water Quality)

10. Hydrological and geochemical processes controlling salinity of the groundwater dependent ecosystems in the Corangamite CMA (Report May 2008)

Barton AB, Herczeg AL, Cox J (CSIRO Land and Water)

Dahlhaus P (Dahlhaus Environmental Geology Pty Ltd)

11. Salinity Discharge Mapping: Across priority areas in the City of Ballarat, City of Greater Geelong, Moorabool Shire and Borough of Queenscliffe (Report April 2008)

Department of Primary Industries

12. Corangamite/Glenelg Hopkins Region Final Report for Grain and Graze (Report 2008)
Compiled by Cam Nicholson

Corangamite CMA Knowledge Base update

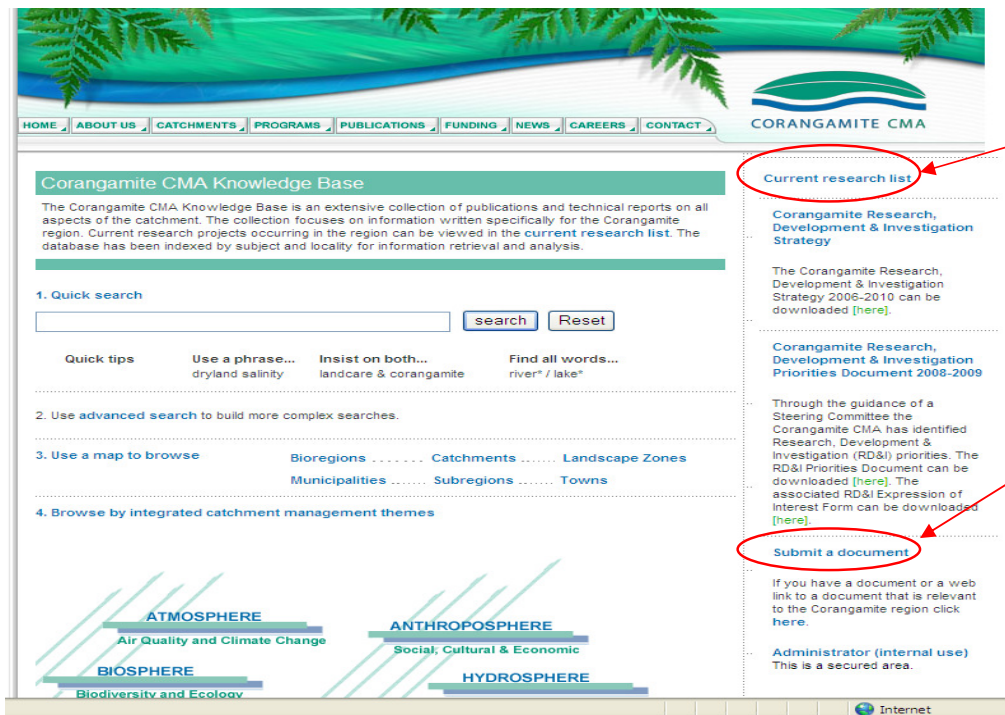
The Corangamite CMA Knowledge Base is a web-based repository that stores reports relevant to the Corangamite region. The Base also has a current research list which anyone can add to. There are more than 3500 entries in the Base. Recent improvements to the Base are:

- Adding more links to documents where records had no links;
- Adding up-to-date publications;
- Adding a current research list;
- Reducing duplication of records; and
- Setting up a process so that anyone can submit a document or web link.

The most challenging aspect of improving the Base is accessing the most recent publications. If you have any publications relevant to the Corangamite region please log on to the Base and click on 'Submit a document' (see diagram below). If we do not know that information exists we cannot learn from it or apply it on the ground.

Current Research Projects

To view current research projects that are occurring in the Corangamite region click on 'current research list' in the Corangamite CMA Knowledge Base (www.aanro.net/ccma/page/search.htm). Do you have a project to add to the list? It is very easy to submit a project to the current research list. Just follow the prompts.



Current research list

Submit a document

WGC Sustainability Research Network Update



The Wimmera, Glenelg-Hopkins & Corangamite (WGC) Sustainability Research Network is a collaborative, virtual research network for organisations interested in sustainability research in South West Victoria. The website is a portal to announce events, contact researchers, find partners to collaborate on projects and identify new research needs. There are currently 110 Members. Go to the website to register!

Would you like to begin a **discussion forum** on this website?

Current discussion forums include:

- ❖ Impacts of the 2006 Grampians fire;
- ❖ Poplar research;
- ❖ Flora and fauna – who should landholders give their information to?

What is a discussion forum?

It is a place to start a discussion on a particular topic on the WGC Sustainability Research Network. Once a discussion has commenced, any member can make a comment. It is a great way to seek advice from others or work collaboratively on an issue. There are currently six **discussion forum headings** on the WGC web site with many **sub headings** to choose from e.g Question, Research Need.

Discussion Forum

Home · Discussion Forum · Abstracts · Web Links · Downloads · News · Photo Gallery · FAQ · Search

Submissions
News Submissions: 0
Abstract Submissions: 0
Photo Submissions: 0
Link Submissions: 0

Navigation
 > About WGC
 > Operating Principles
 > What the network can do for you
 > Network Members
 > Testimonials
 > Partnerships in Action
 > Contact
 > Chat Room
 > Submit Abstract
 > Submit News
 > Submit Link
 > Submit Photo
 > Calendar of Events

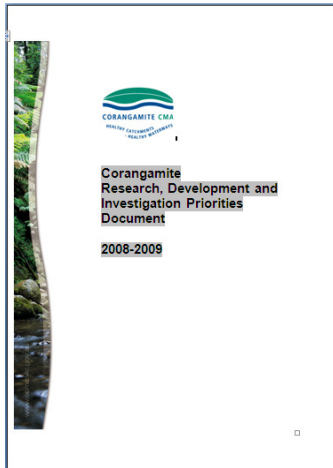
Users Online
 > Guests Online: 2
 > Members Online: smahony
 > Registered Members: 110
 > Newest Member: scarey

Calendar of Events

Discussion Forum

Forum	Threads	Posts	Last Post
Hot Topic Chat Room Sessions			
Chat Room Notes A record of key points from the chat room sessions. Moderated by Linda Grant	1	1	06-06-2008 10:30 by smahony
Funding Opportunities & Events			
Funding Opportunities	9	11	10-06-2008 13:30 by smahony
Events	15	17	19-08-2008 14:43 by smahony
Funding Question	0	0	No Posts
Anthroposphere - Social, Cultural & Economic			
Question	0	0	No Posts
Research Need	2	2	14-03-2008 15:09 by smahony
Partnership Opportunity	0	0	No Posts
New Research Project	0	0	No Posts
Completed Research Project	0	0	No Posts
Suggest a Forum	0	0	No Posts
Biosphere - Biodiversity & Ecology			

CCMA Research, Development & Investigation 'Priority of the Month'



Priority of the Month

What is the risk to key assets (including infrastructure) from erosion (including landslides) in the Corangamite Region?

The Corangamite RD&I Priorities Document was endorsed in December 2007. To access the document go the Corangamite CMA Knowledge Base web site - www.aanro.net/ccma/page/search.htm.

This document was guided by a Steering Committee with membership from the University of Ballarat, Deakin University, Melbourne University, the Department of Primary Industries and the Corangamite CMA.

Enquiries

If you need information regarding information provided in this newsletter please contact:

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