



AWA

CATCHMENT MANAGEMENT CONFERENCE

22-23 August 2011
Wangaratta, Victoria



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Early bird closes
30 June

Catchment Management Conference 22-23 August 2011 Wangaratta, Victoria



Healthy catchments, healthy communities: A conference about catchment management.

Objective: Building co-operative relationships with land managers and CMAs about water supply aspects of catchment management.

The AWA Catchment Management Specialist Network has organised this conference to build linkages between all parties with responsibilities for improving catchment management. Many agencies have embarked on proactive management strategies to improve the quality of catchments - provision of safe drinking water is just one of the many goals that can be achieved from such initiatives.

Our aim is to promote cooperation between natural resource managers and water utilities to identify and achieve common goals of improved water quality and catchment sustainability. The aim of this conference is to link managers of natural resources with managers of water utility supplies to establish networks of communication and to identify mutually synergistic goals and actions for the benefit of catchments.

Conference topics/sessions

- Catchment management – what it is and why it is important; what are our expectations and what do we want from it?
- Demonstrating and quantifying land use impacts on water quality – is there a role for computer modelling? What tools are available? Does implementation of best management practices (BMPs) actually bring about improvements that can be measured and /or modelled?
- Setting priorities and managing risks – catchment manager/ Water Utility interaction – what are the goals for each of these types of agencies? Where are the synergies? What are the risks to catchments? How can these risks be identified and prioritised and how can they be managed? Finding the common ground and identifying mutually beneficial objectives.
- Catchment management toolkit - land management, planning controls, recreation – stakeholder engagement – how can we achieve effective engagement to achieve multiple objectives. Practical evaluation of ecosystem services schemes.
- Water quality monitoring – design, statistics, guidelines values; using monitoring to design catchment management activities.
- Valuing catchments as business assets – funding catchment management activities, cost: benefit analysis.

Who should attend?

All stakeholders involved in the management of catchments will be encouraged to attend;

- Natural resource managers, land and water managers
- Regulators of health and environment
- Commonwealth, state and local government staff, consultants
- Water industry professionals/technicians

Call for Posters

We invite the submission of posters. Closing date for abstracts is 20 June 2011. See website for details.

Sunday, 21 August - Catchment Tour

An afternoon tour, taking in landcare and river catchment management finishing at a local winery, has been organised.

Time - 1pm to 5pm Numbers strictly limited

Conference Location

Wangaratta is 235kms north east of Melbourne and 647km south of Sydney on the Hume Freeway. Albury airport is 70kms to the north. The region is famous for world class wine and gourmet food and is the gateway to Victoria's major ski fields.

www.visitwangaratta.com.au



Wangaratta Performing Arts Centre (WPAC) is situated in the heart of Wangaratta's arts precinct. The Centre is a new facility and ideally set up for conferences. All sessions and dinner will be located at the WPAC.

Getting there

Regular bus and train services operate from the capital cities.

Drive. From Melbourne, an easy 2.5 hour drive along the Hume Highway. From Sydney, the journey takes around seven hours.

Fly. Fly/drive from Melbourne Airport. Wangaratta can also be accessed by air via Albury Airport and from Sydney (75 minute flight) and Melbourne (45 minute flight). There are a number of car hire companies in Albury to choose from.

Accommodation

Wangaratta boasts around 1,195 beds in a range of facilities, within easy walking distance of the venue. Please book as soon as you can at the Wangaratta Visitor Information Centre

www.visitwangaratta.com.au

Further Information and Contact Details

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We are thrilled to bring you this special event. On behalf of the Organising Committee, I invite you to participate and look forward to seeing you at the Conference.

Pat Feehan, Conference Chair



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Monday, 22 August 2011

8am	REGISTRATION, ARRIVAL TEA & COFFEE	
8:45	Welcome and about the Conference	
9:15	Catchment Management <i>What it is and why it is important; what are our expectations and what do we want from it?</i>	
	John Williams , Commissioner Natural Resources Commission NSW	Setting the Scene
	Mick Murphy OAM , Chair Victorian Catchment Management Council	Catchment management in Victoria: Opportunities and challenges
	Ian Rutherford , Director Integrated River Health Policy Department of Sustainability and Environment (Vic)	A policy approach to catchment management
10:30	MORNING TEA	
11am	Demonstrating and quantifying land use impacts on water quality <i>The connection between land management and water quality; the importance of catchment condition as a determinant of water quality</i>	
	Ted Lefroy , Director, Centre for Environment University of Tasmania	Landscape Logic - Tasmanian land use and water quality projects
	Andrew Watkinson , Principal Coordinator – Catchment Water Quality, Seqwater	South East Queensland Water Supplies - the role of Catchment Management in Source Water Protection
	Kathy Cinque , Water Quality Researcher Melbourne Water	Demonstrating and quantifying land use impacts on water quality
	Christobel Ferguson , Group Manager Water Sciences ALS Environmental (Water Resources Group)	Catchment pathogen budgetting
12:30	LUNCH	
1:15	Setting priorities and managing risks (1) <i>Linking drinking water risk management with catchment and river health programs.</i>	
	Dan Deere , Director, Water Futures Pty Ltd	Human health impacts of riparian grazing
	Narelle Martin, Director Two Hemispheres Environmental Consulting	Municipalities and Catchment Management: Underestimated players?
	Darren Willis , Director naturallogic australia pty ltd	The carrot and the broken stick - When our failure to enforce environmental duty-of-care erodes our return on investment in incentive programs.
	Lara Odell , Coordinator Source Water Protection ActewAGL	Source Water Protection - The program, the partners, the risks
2:30	AFTERNOON TEA & POSTER SESSION	
3:15	Catchment management toolkit (1) <i>What tools can we use to manage risks?</i>	
	Prof. Gary Jones , Chief Executive, eWater CRC	eWater Source: Australia's new water and catchment modelling system
	Brett Bryan , Principal Research Scientist CSIRO Ecosystem Services	Designing Cost-Effective, Socially Acceptable Policy for Mitigating Agricultural Non-Point Source Pollution: Cryptosporidium risk in the Myponga Catchment
	Wendy Merritt , Research Fellow Australia National University	Factors influencing landholder adoption of Best Management Practices
	Danielle Baker , Manager NSW Water Sciences Group ALS Environmental (Water Resources Group)	Effectiveness of Best Management Practices
5pm	CLOSE	
7pm	Conference Dinner	



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Tuesday, 23 August 2011

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8:45	Setting priorities and managing risks (2) <i>Linking drinking water risk management with catchment and river health programs.</i>	
	John Riddiford , Chief Executive NorthEast CMA	NECMA Natural Resources - Risk assessment and management
	Kirsten Verburg , Senior Research Scientist CSIRO Land & Water	Spatial diagnosis of catchment water quality
	Jared Scott , Integrated Catchment Coordinator Barwon Water	Effective partnerships – Aligning catchment management practices for mutual benefit
	Andrew Bath , Water Quality Operations Manager Water Corporation	West Australia recreation in catchments inquiry
10:10	MORNING TEA	
10:30	Catchment management toolkit (2)	
	Blair Nancarrow , Director Syme & Nancarrow Water	Balancing the protection of drinking water catchments with recreational demands
	Sally Macindoe , Planning & Environment Partner Norton Rose	The precautionary principle - Its relevance to the manage- ment and protection of open potable water catchments
	Rob Franklin , General Manager Sustainability Western Water	Victorian Guidelines for Planning Permit Applications in open, potable water supply catchment areas
	Professor Lee Godden and Dr Anita Foerster University of Melbourne	Legal aspects of diffuse pollution regulation and management
12pm	LUNCH	
12:45	Catchment and water quality monitoring and evaluation <i>Using monitoring to design and guide catchment management activities.</i>	
	Sarah Greenwood-Smith and Dr Greg Woodward River Health Engagement, DSE	Waterwatch Victoria Data Management System - 15 years of water quality data online. How can it be used?
	Martin Krogh , Project Team Leader (Monitoring) Office of Environment & Heritage (NSW)	Analysis of Hawkesbury-Nepean long-term water quality datasets
	James Gourley , Senior Consultant ALS Environmental (Water Resources Group)	Use of catchment condition frameworks for common reporting and comparisons
	Wayne Tennant , Manager Strategic River Health Goulburn Broken CMA	Monitoring for Wildfire impacts
2pm	Valuing catchments as business assets <i>Funding catchment management activities, cost: benefit analysis.</i>	
	Roel Plant , Research Director Institute for Sustainable Futures	Ecosystem services and valuation in catchment management and NRM
	Rod McInnes , Economist Sydney Catchment Authority	Valuing catchments as business assets
	Karla Billington , Director naturallogic australia pty ltd	Mt Lofty Ranges project
	Nicole Driessen , Project Coordinator Melbourne Water	Avoiding building a treatment plant - Tarago catchment management
3:15	WRAP UP AND CLOSE AND FAREWELL DRINKS	

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