



9asm

9TH AUSTRALIAN
STREAM MANAGEMENT
CONFERENCE

12 -15 AUGUST 2018

2018 9TH AUSTRALIAN STREAM MANAGEMENT CONFERENCE

The proceedings of the 9th Australian Stream Management Conference have been edited by:
Geoff J. Vietz and Ian D. Rutherford.

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CONFERENCE CONVENOR



The RBMS is Australia's leading member-based organisation dedicated to integrating catchment and river management. Established in Victoria in 1986, the RBMS has grown to engage and connect members across Australia through knowledge sharing events and communications such as the Australian Stream Management Conference.

We bring together a community of professionals and students to engage in new discussions, share knowledge and advance practice in catchment and river management. Our events provide a forum for robust and informed discussion on the environmental, social and economic drivers of catchment and river management.

We are committed to a pragmatic, evidence-based approach to catchment and river management through an understanding of complex systems and processes. This approach has established the RBMS as an important voice in the setting of policy for catchment and river management in Victoria, with a growing influence Australia wide.

Memberships are available at www.rbms.com.au. Members receive discounted rates for admission to our events and priority access to our services. The RBMS committee is currently delivering regular events in and around Melbourne and Brisbane, with our online services available nationally.

The conference organisers wish to acknowledge that we are meeting on the traditional lands of the Muwinina people and we are truly appreciative the opportunity to visit and share our collective cultures. We pay our respects to the Elders past, present and future.

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WELCOME TO THE 9TH AUSTRALIAN STREAM MANAGEMENT CONFERENCE

On behalf of the RBMS and 9ASM Organising Committee, we would like to welcome you to the Grand Chancellor in Hobart for the 9th Australian Stream Management Conference.

We convene to bring together researchers, students and practitioners dedicated to investigating and managing stream ecosystems and their catchments in Australia.

Whether this is your first ASM conference or perhaps even your ninth, we are thrilled you have made it here. Joining you are more than 150 delegates from Australia's leading universities, government agencies, consultancies, utilities and authorities for catchment management and environmental protection.

Over the three days, our program features over 100 papers, each prepared and presented by leaders in research and practice. These are compiled in the Conference Proceedings, the published legacy of the conference available on the RBMS website alongside proceedings from each of the previous eight ASM conferences.

Also featured in our program are outstanding keynote speakers invited to extend our thinking and inspire action. We trust your experience at 9ASM will be enriched further by taking part in a field trip or workshop and attending the Conference Dinner at MONA.

By combining a stimulating program with the collective creativity, knowledge and skills of our delegates, we hope 9ASM can open up entirely new possibilities for integrating catchment management in Australia.

Thank you for your commitment and contribution to 9ASM.

Alison Miller and Myles Coker

Conference Chairs
President & Vice President of RBMS



ORGANISING COMMITTEE

Myles	Coker (<i>Co Chair</i>)
Alison	Miller (<i>Co Chair</i>)
Geoff	Vietz (<i>Chief Editor</i>)
Ian	Rutherford (<i>Program Director</i>)
Lisa	Duncan (<i>Field Trip Coordinator</i>)
Jasmine	Errey (<i>Field Trip Coordinator</i>)

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