

IWA Specialist Conference

International Water Association

Conference on Water &
Wastewater Management,
with special focus on
Developing Countries

3 – 8 December 2023
Murdoch University, Perth,
Western Australia

Harry
Butler
Institute
MURDOCH UNIVERSITY

BUSINESS
EVENTS
PERTH


TESSELE

MU Murdoch
University

IWA
the international
water association

Welcome

Welcome to the Conference on Water & Wastewater Management, with special focus on Developing Countries to be held in Perth, Western Australia from 3 – 8 December 2023 at Murdoch University. What an exciting time to be sharing ideas, presenting the latest research findings and discussing new possibilities in science and technology with local and global policy directions, engineers and managers, with a special focus of those operating and advising developing countries.

We would like to take this opportunity to thank our many great colleagues on the Executive Committee, National Organising Committee, International advisory committee and people who are in program committee, now working enthusiastically to develop an exciting program of keynote and invited speakers, site visits, technical tours and a detailed technical program. When you come to Perth in December 2023 you will be able to visit a city in transition to sustainable water systems with many great new initiatives in localised urban water technologies, water sensitive urban design as well as leading edge technology for water and wastewater management especially in developing countries. You will meet the policy leaders, great thinkers and successful scientists and project developers to share your ideas.



Objective

Safe water supply and wastewater management is essential for all life forms. These are fundamental resource necessary for socio- economic development and for ecological sustainability.

Good quality water is becoming scarce due to population growth and associated residential and industrial development and pollution particularly in developing countries. Furthermore, safe and adequate wastewater treatment is a significant area requiring urgent attention. It is timely that the sustainable management of water resources is widely discussed, noting that water can be recycled for an unlimited number of times after adequate treatment. The principal focus will be on the necessary infrastructure to provide good quality water in sufficient quantity and wastewater management in the most sustainable manner and the conference will have topics relating to water supply and wastewater management with special interest for developing countries. The conference will discuss decentralized as well as centralized systems and explore new and innovative methods of treatment, a better understanding and assessment of resources and their supporting ecosystems, proper management for conservation and approaches to achieve the dual aim of economic development and ecological sustainability.

Host City and Venue

The conference will be held at Murdoch University, Perth, Western Australia. Perth is a vibrant, energetic city that offers a truly unique Australian experience. Set on the banks of the spectacular Swan River, Perth is Australia's sunniest capital city and the fastest growing urban centre, offering cultural diversity and sophistication combined with a relaxed and friendly vibe. Beyond Perth, delegates can choose to experience the

breathtaking and unparalleled beauty of the natural attractions in the regional areas of Western Australia either on the 2-day social tour after the conference or independently.

The University is 12 minutes by train from the centre of Perth city and a short bus ride from the popular tourist destination of Fremantle. We have excellent conference, exhibition facilities and catering facilities, which enable delegates to maximize their time during the conference.

Conference Topics

1. Water and Sanitation Innovations appropriate to Developing countries

- New approaches for financing water &/sanitation
- Innovations in water/sanitation treatment
- System and technology selection approaches
- Grey water treatment and re-use
- Smart technologies to attain sustainable water: standardisation of sanitation and sustainability systems, and resource management.

2. Cities of Developing Countries

- Integrating water in city planning
- Water sensitive urban design
- Wastewater collection & treatment
- Improving water security
- Connecting watersheds and urban areas
- Incentives for water-wise cities

3. Industry

- Reducing industrial pollutants in water bodies
- Reducing water footprint in industry
- Treatment of industrial wastewater
- Financing sustainable use of water by industry
- Use of wastewater in industry

4. Rural and Remote Communities

- Climate change and water availability
- Education in water conservation

5. Water & Society

- Concepts and strategies to meet the UN Sustainable Development Goals

Invited Speakers (as at 2 April 2022)

Dr Akintunde Babatunde University of Leeds UK
Dr Miller Alonso Camargo-Valero University of Leeds UK
Mr Mark Ellery Water, Sanitation & Local Governance Consultant WA

Prof Howard Fallowfield.....Flinders University, Adelaide, SA
Prof Erin FriedlerTechnion – Israel Institute of Technology
Prof Amit GrossZuckerberg Institute for Water Research Israel
Prof Jiangyong Hu National University of Singapore Singapore
Prof Evina Katsou..... Brunel University UK
Prof Jennifer McKay.....University South Australia, Adelaide, SA
Prof Navid Moheimani.....Murdoch University WA

A Prof Ashok SharmaVictoria University, Australia
Dr Kumokawa ShinhiJapan Education Centre of Environmental Sanitation Japan

Dr Markus StarklUniversity of Natural Resources and Life Sciences Austria

Dr Fabiana TesseleTessele Consultants WA
Prof Jonathan WongHong Kong Baptist University Hong Kong

Important Information

Inaugural session

The Minister for Water will inaugurate the conference and exhibition on Monday 3 December 2023 and talk about the importance of water programs in Western Australia.

Exhibition

An exhibition will be held at Murdoch University. The exhibitions will include information and products from consulting agencies, equipment manufacturers and representatives from industries.

Language

The official language of the conference will be English. No translation service will be available.

Participation

The conference will provide the opportunity to bring together scientists, international aid agencies, private institutions, consulting establishments, research institutes and university organizations. We expect 200 delegates face-to-face and a similar number online.

Publication

All the papers received will be reviewed and the selected papers will be published in an international journal. This will be decided in consultation with IWA Publications.

Conference Features

Free field visits

The conference will offer all delegates a choice of field visit streams to choose from: desalination, water efficiency and water reuse. Each stream will include a visit to one or more related sites guided by experts at the facility. This gives the participants a unique opportunity to experience the practice of technologies in Western Australia.

Accommodation

A number of accommodation types will be booked on delegate demand. The University also has a number of low-cost student apartments available, and the Port City of Fremantle and Perth city provide a wide variety of hotels. We encourage delegates to book accommodation through the conference organizer, ATL Event Management, when registering in order to get the most competitive rate.

Technical tour

An exciting 1-day technical tour will be arranged for all participants on Thursday, 7 December at a cost of around A\$110. Details to follow.

Social functions and Gala dinner

The conference offers several networking and social functions. There will be a welcome reception on the first day to enable participants to meet other delegates and begin networking. The gala dinner will be held on the evening of Monday 4 December onboard the unique and elegant Crystal Swan floating restaurant. We will be wined, dined and entertained while we take a short trip on the beautiful Swan River. Numbers will be restricted so please register and pay early to ensure your seat at the table.

Post-conference social tour (2 nights, 3 full days)

Numbers will be limited - details of the tour will follow in due course.

Take advantage of coming to WA by enjoying an engaging 3-day, two night stopover tour through our beautiful south-west, one of the most biodiverse places on the planet.

We will ensure that you are able to catch evening flights that depart after 8pm on Sunday, 10 December and, if possible, give you time to shower and change at the university before we take you to the airport. Details will follow in due course.

Registration Fees

All registration fees are inclusive of Goods and Services Tax (GST). The registration fee includes the cost of book of abstracts, conference papers on USB, attendance at conference sessions, half day local tour, welcome reception, closing ceremony, lunches, morning and afternoon tea and conference gala dinner.

	WEB HOT TILL 31 AUG 23		EARLY BIRD TILL 30 SEP 23		REGULAR TILL 30 NOV 23		FINAL	
IWA Member	IWA Member	IWA Non Member	IWA Member	IWA Non Member	IWA Member	IWA Non Member	IWA Member	IWA Non Member
STUDENT/YWP/ RETIRED	A\$440	A\$590	A\$495	A\$645	A\$550	A\$700	A\$660	A\$810
STANDARD	A\$660	A\$810	A\$770	A\$920	A\$990	A\$1040	A\$1496	A\$1646
DAY REGISTRATION	A\$230	A\$230	A\$330	A\$330	A\$385	A\$385	A\$495	A\$495
Short courses	Standard - \$110 each Student - \$55 each							
Gala dinner	Delegate - \$55 Guest - \$110							
Post conference tour	\$385							

Important Dates

Last date for abstract submission.....	15 July 2023
Abstract acceptance letters	31 July 2023
Web hot registration ends.....	31 August 2023
Early bird registration ends.....	30 September 2023
Full paper submission.....	15 February 2023
Standard registration ends.....	30 November 2023

Local Executive Committee

Mr Benny Abraham.....	Harry Butler Institute
Dr Martin Anda.....	Murdoch University
Dr Stewart Dallas.....	Dept. of Communities, WA
Dr Sergio Domingos.....	Water Corporation, WA
Mr Mark Ellery.....	Water & Sanitation Consultant
Dr David Goodfield.....	Murdoch University
Prof Goen Ho.....	Murdoch University
Dr Biji Kurup.....	Engineers Environmental International Pty Ltd
Ms Sarah Lambert.....	Stantec, Perth
Dr Kuruvilla Mathew.....	Murdoch University
Mr Sam Milani.....	Advanced Waste Water Systems, WA
Prof Navid Moheimani.....	Murdoch University
A Prof John Ruprecht.....	Harry Butler Institute, Murdoch University
Dr Isabel Telles Silveira.....	Water Corporation, WA
Dr Fabiana Tessele.....	Tessele Consultants, Perth
Mr Llew Withers.....	Withers & Associates Pty Ltd, Perth

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Dr Keshab Sharma.....	University of Queensland, Brisbane, Queensland
Mr Peter Spenser.....	Water Corporation, WA
Prof Juliet Willetts.....	University of Technology Sydney, Sydney, NSW

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Ms Mei Yee Chan.....	TÜV SÜD, Singapore
Prof Makarand Madhao Ghangrekar.....	Institute of Technology, Kharagpur, India
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Mr Pheng Kea.....	RainWater Cambodia (RWC), Cambodia
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Dr Christine Akinyi Odinga.....	Moi University, Kenya
Prof Mohd Razman Bin Salam.....	UCSI University, Malaysia
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A Prof N Ramsundaram.....	Kumaraguru College of Technology, India
Dr Sylvie Muwanga Tebitendwa.....	Busitema University, Uganda
A Prof Luca Vezzaro.....	Technical University Of Denmark, Denmark
Prof Jan Vymazal.....	Czech University of Life Sciences, Prague
Prof Adrian Law Wing-Keung.....	Nanyang Technological University, Singapore
Prof Jiyeong Yang.....	Yonsei University College of Medicine, S Korea

Further Information

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