

IWA Nutrient Removal and Recovery Specialist Conference



**NRR24
Call for
Papers**

**17-21 NOVEMBER, 2024
BRISBANE, AUSTRALIA
WWW.NRR24.COM**



CONFERENCE HOSTED BY



Dear Participants,

Welcome to the IWA Nutrient Removal and Recovery Conference 2024, “Nutrient Management in the Net-Zero Era”.

With a world experiencing unprecedented global environmental challenges, we are thrilled to gather researchers and industry professionals together to help create the future of nutrient management in water management. The IWA Nutrient Removal and Recovery Conference 2024, in Brisbane, Australia, will address the pressing challenge of nutrient management in wastewater to create a net-zero future. This goal has become imperative for the water industry to achieve, not just an aspiration; it's a necessity.

The IWA Nutrient Removal and Recovery Conference 2024 is co-hosted by the University of Queensland and Urban Utilities. This new approach will help promote interdisciplinary collaboration and synergy with academia and industry co-designing for tomorrow. Together we will explore nutrient management in the era of net-zero goals, align with a heightened urgency for a more sustainable operating environment, and gain actionable takeaways to drive real-world impacts. The Conference goal is to be at the heart of the journey toward nutrient circularity in the water industry, and we believe that through deep industry and academia collaboration, we can overcome historic challenges and drive progress towards a more sustainable future for the water industry.

We look forward to your active participation and shared commitment to this journey, and we encourage you to partner with us to deliver the peak International conference for nutrient management across the water sector.

Sincerely,

Liu Ye , Shane Morgan, and Jurg Keller



Local Organising Committee

Conference Co-Chairs

Liu Ye, The University of Queensland

Shane Morgan, Urban Utilities

Honorary Chair

Emeritus Professor Jurg Keller

Conference Secretariat

Sharon James, The University of Queensland

Committee Members

Haoran Duan, The University of Queensland

Helen Stratton, Griffith University

Jason Dwyer, Urban Utilities

Kelly Hopewell, City of Gold Coast

Sandra Hall, Water Stewardship Asia Pacific

About the Conference

The IWA Nutrient Removal and Recovery (NRR) Specialist Group extends a warm invitation for your participation in the upcoming conference, “Nutrient Management in the Net-Zero Era.” Returning to Australia after 6 years, this conference is a collaborative effort between The University of Queensland and Urban Utilities.

As stewards of wastewater treatment advancements, we invite scientists and practitioners to contribute their insights, knowledge, and experiences in navigating wastewater treatment systems amid the evolving global landscape. This event serves as a vital platform for the exchange of ideas and the exploration of innovative solutions.

In line with our tradition of acknowledging distinguished NRR experts, we are pleased to dedicate this conference to celebrating the noteworthy contributions of Professor Jurg Keller. Your active involvement will contribute to the success of this event, fostering meaningful discussions and collaborations that are crucial in addressing contemporary challenges.

We eagerly await your valuable contributions and anticipate a conference rich in shared wisdom and collaborative spirit. Join us in shaping the future of nutrient management in the net-zero era!

Sincerely, Jacek Makinia and Haydee de Clippeleir, Management Committee NRR Specialist Group

Conference Themes

- **Nutrient Removal and Recovery Technologies** - Circular nutrient removal, recovery and reuse technologies
- **Towards Net Zero** - Direct GHG emissions, the role of nutrients in the emerging renewable energy economies and embodied carbon
- **Product Innovation** - Value-added product for tomorrow’s customers
- **City and Precinct Outcomes** - Integrated nutrient and water recycling for greener cities and agriculture
- **Control & Optimisation** - Mathematical modelling, optimisation and control of NRR processes
- **Microbiology and Biochemistry** - Advances Microbial ecology in NRR processes
- **Responding to Emerging Pollutants** - Fates of emerging pollutants in NRR processes

Program Outline (subject to change)

	Sunday	Monday	Tuesday	Wednesday	Thursday
AM	Optional Workshops	Opening	Keynote	Sessions	Optional Tours
AM		Sessions	Sessions	Sessions	
PM		Sessions	Sessions	Sessions	
PM		Sessions	Sessions	Closing	
Evening	Welcome Reception		Conference Dinner		

Call for Papers

Authors are invited to submit an extended abstract (2 pages + table and figures) according to the IWA format before **15 April 2024**.

The procedure for submission is available on the official conference website: www.nrr24.com

Authors whose abstracts are selected will be invited to give an oral presentation or a poster presentation at the conference. The authors will be notified of acceptance by 14 June 2024.

Your initial submission must be in the form of an extended abstract: two A4 pages excluding tables/figures. This must clearly and persuasively summarise your proposed presentation.

Your extended abstract must be in plain English and clearly define the objectives, status, methodology, findings and significance of the investigation or study. If you prefer to present this work as a poster, please note this when you submit your proposal. You may submit as many extended abstracts as you want.

Your submitted extended abstract will be peer reviewed by international experts and considered for Oral presentation. Program selections will be based on the scores and comments of those on the review panel.

Full papers and extended abstracts will be published electronically in the conference proceedings that will be available prior to the start of the conference. After the conference full papers will be further reviewed and recommended for publication in IWA Publishing Journals. After the conference, there will be opportunities for authors to submit full papers for further review and recommendation for publication in IWA Publishing Journals.

Call for Workshops

The goal of a workshop is to provide an informal forum for practitioners and researchers to discuss emerging research questions and challenges. The workshops can be on any subject relevant to the conference theme and with beneficial outcomes for the international water sector.

The workshop format should allow for lively debates, topics that focus more towards exploring new ideas, open problems, and interdisciplinary areas compared to the main conference. The criteria for selecting a workshop will include a diverse group of speakers to reflect inclusiveness and breadth of experience and expertise.

Criteria by which workshop submissions will be evaluated:

- Fit for NRR into the future
- Potential impact (promising topic)
- Novelty and originality (emerging topic)
- Quality of the abstract and clarity of purpose
- Organizers' relevant expertise (please avoid excessive self-promotion)
- Diversity in the organizing team and speakers
- Confirmed invited speakers with sufficient coverage of the topic
- The program of the workshop should allow for discussion/debate

Important Dates

- 15 April 2024 Abstract submissions close
- 14 June 2024 Presenters notified
- 30 June 2024 Deadline for presenters to accept
- 31 July 2024 Early bird discount ends
- 14 October 2024 Full papers due
- 31 October 2024 Registration closes
- 17-21 November 2024 Conference Proceedings

Conference Language

The official language of the conference will be English. There will be orals and poster presentations, with extended abstracts made available on-line prior to the conference for registered delegates.



Conference Location

With clear blue skies and a pulsing river at our heart, Brisbane is an adventurous urban metropolis with a relaxed vibe. We celebrate a subtropical climate as an integral part of our alfresco lifestyle and culture. Explore stunning natural assets such as World Heritage rainforests, mountain peaks and a pristine bay, or immerse yourself in our ancient Aboriginal culture.

A vibrant bar and dining scene, stunning new hotels, a jam-packed events calendar and a welcoming attitude means Brisbane embodies the best of Australia. There is no shortage of major attractions to visit and explore in Brisbane. Across the river from the CBD, South Bank is home to our Cultural Centre with world-class galleries and entertainment.

Experience world-class sporting events at The Gabba or Suncorp Stadium, or get the adrenaline pumping with a Story Bridge Adventure climb. Just an hour from the city, discover Brisbane's stunning natural surrounds including the Scenic Rim, Somerset and Ipswich with no shortage of waterfalls, lookouts and mountains to climb, while Moreton Island and Redlands Coast offer pristine waters, wildlife experiences, snorkeling, sandboarding and much more.



FOR MORE INFORMATION PLEASE SEE
WWW.NRR24.COM

Or contact the NRR24 Secretariat
NRR24@UQ.EDU.AU