

# 10th IWA Microbial Ecology and Water Engineering Specialist Conference



MEWE23  
Call for  
Papers

10 – 14 SEPTEMBER, 2023 BRISBANE, AUSTRALIA  
[WWW.MEWE23.COM](http://WWW.MEWE23.COM)

HOSTED BY



## MEWE23: Towards a resilient future

### WELCOME FROM THE CHAIRS

It is with great pleasure we invite submissions of extended abstracts for MEWE23: Towards a resilient future – the 10th IWA Microbial Ecology and Water Engineering Specialist Conference.

The IWA Microbial Ecology and Water Engineering (MEWE) Specialist Group promotes the rational and effective engineering of open microbial systems in the water cycle using emerging technologies and concepts in microbial ecology.

MEWE23 will be held in subtropical Brisbane, Australia over 10-14 September 2023.

The Program Committee is calling for submissions of high-quality, original and previously unpublished research in the theory, practice, and application of microbial ecology fundamentals and tools to advance water and wastewater engineering processes.

MEWE23 provides a great opportunity to exchange new findings and progress in our fields, and stimulate synergies, collaborations, and networking among MEWE specialists, researchers, and practitioners.

We are encouraging submissions from senior and young scientists and water professionals all over the world.

We look forward to your contribution to the exciting and cutting-edge forum that is MEWE23.



**Conference Co-Chairs**  
**Professor Jianhua Guo**  
**Associate Professor Adrian Oehmen**  
**The University of Queensland**



### Local Organising Committee

Conference Co-Chair: Professor Jianhua Guo, The University of Queensland

Conference Co-Chair: A/Prof Adrian Oehmen, The University of Queensland

Conference Secretariat: Sharon James, The University of Queensland

Dr Sandra Hall, The University of Queensland

Dr Gilda Carvalho, The University of Queensland

Terra Yang, The University of Queensland

Professor Gene Tyson, Queensland University of Technology

Dr Jeremy Barr, Monash University

Paul Sherman, Urban Utilities

Dr Jason Dwyer, Urban Utilities

Monita Naicker, Aquatec Maxcon

Dr Simon Toze, Urban Water Futures

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## About the conference

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The University of Queensland's Australian Centre for Water and Environmental Biotechnology, in collaboration with the International Water Association, are hosting the 2023 Microbial Ecology and Water Engineering Specialist Conference (MEWE23). The MEWE23 conference focuses on promoting the rational and effective engineering of open microbial systems in the water cycle using emerging technologies and concepts in microbial ecology.

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## Call for Papers

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The 10th IWA Microbial Ecology and Water Engineering Specialist Conference will be held in Brisbane, Australia from 10-14 September 2023.

Authors are invited to submit an extended abstract (2 pages + table and figures) according to the IWA format before March 24, 2023. The procedure for submission is available on the official conference website: [www.mewe23.com](http://www.mewe23.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 May 02, 2023, and revised abstracts are required by June 15, 2023.

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## Who should attend

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- Scientists and Researchers in the field of Water, Wastewater, Microbial Ecology
- Engineers
- Practitioners
- Water Authorities
- Environmental and Health Regulators
- Operations Staff with focus on Microbiology and Ecology
- Specialist Product Developers and Technology Providers



## Conference Themes

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- Microbial ecology in wastewater treatment systems
  - Biofilm ecology of engineered water systems
  - Drinking water microbial ecology (including *Legionella* & other opportunistic pathogens)
  - Diversity, evolution and ecophysiology of recently discovered microorganisms
  - Application of microbial ecology to engineered water systems
  - Antimicrobial resistance in engineered water systems
  - Ecology and diversity of viruses (including bacteriophage) in engineered water systems
  - Emerging technologies for microbial ecology research
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## Paper Submission

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Authors are invited to submit an extended abstract according to the IWA format before 24 March 2023.

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. The procedure for submission is available on the official conference website: [www.mewe23.com](http://www.mewe23.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 02 May 2023. Abstracts received after this date and before 15 June 2023 will only be considered for Poster Presentation. Authors of accepted abstracts will be encouraged to submit full papers by 14 July 2023.

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.

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10–14 September, 2023 BRISBANE, AUSTRALIA [www.mewe23.com](http://www.mewe23.com)



## Important Dates

### 24 March 2023

- Abstract submissions close

### 02 May 2023

- Presenters notified

### 15 June 2023

- Deadline for accepted presenters to register
- Poster abstract submissions close
- Early bird discount ends

### 14 July 2023

- Full papers due

### 25 August 2023

- Registration closes

### 10-14 September 2023

- 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.

## Venue and Destination

The venue for the IWA MEWE23 Conference is the Hotel Grand Chancellor in Brisbane, Australia.

Hotel Grand Chancellor, Brisbane's brand new state of the art Conference Centre, presents itself as a unique designer space with 11 purpose-built meeting rooms, allowing for endless possibilities. Natural light beams through floor to ceiling windows, allowing you to absorb the spectacular views of Roma Street Parklands.

Overlooking the picturesque Roma Street Parklands, just 500 metres from Roma St Station, 850m to Central Station, and a 20 minute drive to the Brisbane International Airport, the Grand Chancellor's 4.5 star accommodation affords commanding views of the city skyline, surrounding mountains or Brisbane River.



### Program Outline (subject to change)

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



FOR MORE INFORMATION  
PLEASE SEE  
[WWW.MEWE23.COM](http://WWW.MEWE23.COM)

Or contact the Secretariat  
Sharon James  
[contact@mewe23.com](mailto:contact@mewe23.com)