



International  
Water Association

# The Global Network for Water Professionals



[www.iwahq.org](http://www.iwahq.org)

# Unprecedented challenges. Unprecedented opportunities.

The water sector is facing testing times and an era of unprecedented change. These challenges strike at the heart of our common assumptions and operating norms – about water resource scarcity, explosive population and urban growth, evolving customer expectations, climate change variability, personnel shortages and succession planning, to name a few. The rate of change is only likely to accelerate in future generations.

At the same time, solutions do exist; new technologies are revolutionising the way we think about water, wastewater, sanitation and drainage; new management practices and standards are trickling through the sector and providing opportunities for innovation.

Water professionals, prepared to address these issues, can benefit from the support that IWA provides by creating opportunities that cross the traditional boundaries between water science and practice. The Association helps to make the right connections at the right time, thereby sharing cutting-edge research and practice that allows us to shape our own water futures.





## IWA. Agents of change.

**“IWA plays an important role in stimulating professional exchange, coordinating and fostering research and influencing policy.”**

The International Water Association is the global reference point for water professionals, spanning the continuum between research and practice and covering all facets of the water cycle. IWA is in a better position than any other organization to help water professionals create innovative, pragmatic and sustainable solutions to challenging global water needs.

Through its network of members and experts in research, practice, regulation, industry, consulting and manufacturing, IWA can create expanded knowledge and integrated, sustainable approaches.

By joining IWA you can connect, collaborate and benefit from the world's largest international professional association – crafting new approaches to conventional problems; becoming a leader in your field by collaborating with ground breaking experts; sharing your knowledge and showcasing excellence at multiple levels – through events, groups and publications in print and online.

### Our members – our single greatest asset

The strength and potential of IWA lies in the professional and geographic diversity of its membership - a mosaic of national, corporate, individual and student member communities. Our members are leaders in their field, and represent:

- Researchers – where solutions **begin**
- Utilities – managing water services **worldwide**
- Consultants – connecting problem owners with **solution providers**
- Industry – using water **sustainably**
- Regulators – **safeguarding** public health
- Equipment manufacturers – translating **ideas** into products





## IWA specialist groups. Engaging members — facilitating collaboration.

Specialist groups represent the core vehicle for issue-based interaction on scientific, technical and management topics. Specialist groups facilitate collaboration and knowledge generation, primarily through regular conferences and publications. Groups within IWA are self-managed and cover the fundamental topics in the water sector. Spread across IWA's membership in more than 130 countries, specialist groups are an exceptionally effective means of international networking, sharing information and skills and making good professional and business contacts. Groups are open to all IWA members and each one maintains its own programme of conferences, newsletters, publications and online discussions.

**“I'm very much impressed with IWA – I feel professionally connected globally...”**

### Specialist Groups

#### A

- Activated Sludge Population Dynamics
- Adsorption
- Advanced Oxidation Processes
- Anaerobic Digestion
- Assessment and Control of Hazardous Substances in Water

#### B-D

- Biofilms
- Chemical Industries
- Climate Change and Adaptation
- Design, Operation and Costs of Large Wastewater Treatment Plants
- Design, Operation and Maintenance of Drinking Water Treatment Plants
- Diffuse Pollution
- Disinfection

#### E-F

- Efficient Operation and Management of Urban Water Systems
- Environmental Engineering Education
- Forest Industry

#### G-I

- Groundwater Restoration and Management
- Health-related Water Microbiology
- Hydroinformatics
- IAHR/IWA SG on Marine Outfall Systems
- Institutional Governance and Regulation
- Instrumentation, Control and Automation

#### M-N

- Marketing and Communications
- Materials and Corrosion
- Membrane Technology
- Multiphase Flow and Transport of Contaminants in Porous Media
- Nanoparticles, Nanoengineered materials and Nanotechnology
- Nutrient Removal and Recovery

#### O-P

- Odours and Volatile Emissions
- Off-flavours in the Aquatic Environment
- Particle Separation
- Planning and Construction
- Pretreatment of Industrial Wastewaters

#### R-S

- Rainwater Harvesting & Management
- Resources Oriented Sanitation (EcoSan)
- Sludge Management
- Small Water and Wastewater Systems
- Statistics and Economics
- Strategic Asset Management
- Sustainability in the Water Sector
- Systems Analysis and Integrated Assessment

#### U-W

- Urban Drainage
- Use of Macrophytes in Water Pollution Control
- Waste Stabilisation Ponds
- Water and Wastewater in Ancient Civilizations
- Water and Waste Technology and Management Strategies for Developing Countries
- Water Reuse
- Water Security and Safety Management
- Watershed and River Basin Management
- Winery Wastes Management





## Connect and collaborate at all levels.

The IWA network is structured to promote multi-level collaboration among its diverse membership groups, and to share the benefit of the very best of knowledge on water science and management worldwide.

Convening power is a part of IWA's core strength. **Conferences** are a regular part of the calendar – the Association organizes and sponsors more than 40 events each year on diverse topics in water management, in locations worldwide.

**Task groups** are issue driven; time limited and set up periodically to develop specific responses to global or local technical and policy issues.

Strategically important segments of membership organize their own **forums**. For example, the CEO Forum is aimed at providing opportunities for collaboration and action within the international community of utility CEOs.

Beyond theme based categories, IWA supports and facilitates **interest groups**, to share experiences, debate key issues and contribute to the Association's goals. IWA facilitates members organized as Young Water Professionals, Regulators, Utilities, Researchers, Consultants and Manufacturers.

**Regional Associations** are established to promote pursuit of common regional interests and forms of cooperation, typically through conferences, but increasingly through local projects and programmes.

“I work out of Bangkok on water and wastewater projects in seven developing countries in South and Southeast Asia. Your international scope, particularly Non-Revenue Water, is most useful. Beijing 2006 was my first IWA event; very valuable, learned much.”





“I see a continuing role for IWA in stimulating regional cooperation or networking, a model which IWA has successfully implemented internationally.”

## Supporting your strategic thinking.

The work and activities of our members, whether through established mechanisms like specialist groups, task groups, at conferences or in print, is complemented by a series of strategic programmes. These typically include issues and ways of working not covered elsewhere in IWA, and are designed to engage the Association on subjects critical to the water sector's wider development.

- **Young Water Professionals:** connecting the next generation of leaders in the water sector
- **Climate Change and Adaptation:** assisting the water sector in meeting and addressing challenges and uncertainties from climate variability
- **Global Development Solutions:** reaching the unserved in low and middle income countries
- **Drinking Water Quality:** as an international authority on drinking water quality, IWA promotes best practice, management approaches, research and innovation in this field
- **Cities of the Future:** examining the links between urban water quality and hydrology, landscape, and the broader concepts of green cities and smart growth
- **IWA Utilities:** connecting utility people, sharing their skills and building the capacity of water operators through partnerships
- **Project Innovation Awards:** recognising excellence and innovation in water engineering projects
- **Sustainability:** developing effective and sustainable approaches to water management



# IWA Publishing. Meeting member publication needs.

IWA Publishing, the wholly owned subsidiary of IWA, provides highly respected information services on all aspects of water, wastewater and related environmental fields.

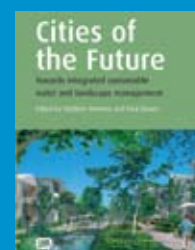
The publishing programme includes *Water21*, the IWA membership magazine, 9 of the world's leading journals in water and wastewater, a book series with over 250 titles, scientific and technical reports, manuals, newsletters and electronic services. Discounts on IWA Publishing products are available to IWA members.

IWA Publishing's website provides electronic delivery of journals and online-only products, and offers visitors comprehensive searchable information on all publications available, with the opportunity to buy using the secure online purchasing system.

Uniquely placed to respond to the information needs of the international water industry and research community, IWA Publishing offers a high-quality, cost-effective publishing service with information delivery in both print and electronic format.

As the leading supplier of water and wastewater publications, IWA Publications is committed to excellence in delivery of information and continues to invest in technology for usage of its publications worldwide.

“IWA is rapidly becoming the premier think tank in the water sector.”





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