

The overview of IWA specialist groups by 10 thematic areas.

### Basins and Water Resources Diffuse Pollution

- Diffuse Pollution and Eutrophication
- Groundwater Restoration and Management
- Lake and Reservoir Management
- Marine Outfall Systems (Joint IWA/IAHR)
- Sustainability in the Water Sector
- Tastes, Odours, and Algal Toxins in Drinking Water Resources and Aquaculture
- Watershed and River Basin Management

### Drinking Water Systems

- Design, Operation and Maintenance of Drinking Water Treatment Plants
- Intermittent Water Supply (IWS)
- Water and Wastewater in Ancient Civilizations
- Water Loss
- Water Safety Planning

### Industrial Water and Wastewater

- Chemical Industries
- Forest Industry
- Pretreatment of Industrial Wastewaters

### Information and Communications Technology

- Hydroinformatics (Joint IWA/IAHR/IAHS)
- Instrumentation, Control and Automation
- Modelling and Integrated Assessment

### Resource Recovery and Reuse

- Nutrient Removal and Recovery
- Resources Oriented Sanitation
- Water Reuse

### Treatment Technologies

- Advanced Oxidation Processes
- Anaerobic Digestion
- Biofilms

- Metals and Related Substances in Drinking Water
- Membrane Technology
- Microbial Ecology and Water Engineering
- Nano and Water – Application of Nanoparticles, Nanoengineered Materials and Nanotechnology
- Particle Separation
- Wetland Systems for Water Pollution Control

### Urban Water Management

- Efficient Urban Water Management
- Odours and Volatile Emissions
- Rainwater Harvesting & Management (RWHM)
- Urban Drainage (Joint IWA/IAHR)
- Water Security and Safety Management

### Wastewater Systems

- Design, Operation and Costs of Large Wastewater Treatment Plants
- Sludge Management
- Small Water and Wastewater Systems
- Wastewater Pond Technology

### Water and Health

- Assessment and Control of Hazardous Substances in Water (ACHSW)
- Disinfection
- Health Related Water Microbiology
- Non-Sewered Sanitation (NSS)
- Sanitation and Water Management in Developing Countries

### Water Governance, Regulation and Utility Management

- Benchmarking and Performance Assessment
- Environmental Engineering Education
- Institutional Governance and Regulation
- Public and Customer Communications
- Statistics and Economics
- Strategic Asset Management

*List of Specialist Groups by Alphabetical order.*

[Advanced Oxidation Processes](#)  
[Anaerobic Digestion](#)  
[Assessment and Control of Hazardous Substances in Water \(ACHSW\)](#)  
[Benchmarking and Performance Assessment](#)  
[Biofilms](#)  
[Chemical Industries](#)  
[Design, Operation and Costs of Large Wastewater Treatment Plants](#)  
[Design, Operation and Maintenance of Drinking Water Treatment Plants](#)  
[Diffuse Pollution and Eutrophication](#)  
[Disinfection](#)  
[Efficient Urban Water Management](#)  
[Environmental Engineering Education](#)  
[Forest Industry](#)  
[Groundwater Restoration and Management](#)  
[Health Related Water Microbiology](#)  
[Hydroinformatics \(Joint IWA/IAHR/IAHS\)](#)  
[Institutional Governance and Regulation](#)  
[Instrumentation, Control and Automation](#)  
[Intermittent Water Supply \(IWS\)](#)  
[Lake and Reservoir Management](#)  
[Marine Outfall Systems \(Joint IWA/IAHR\)](#)  
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