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The Journal of Water Supply: Research and Technology - AQUA is an official journal of the International Water Association (IWA). It publishes peer-reviewed research, review, and practical papers dealing with research and development in water supply technology and management covering the complete water cycle.

The journal's scope includes:

- Sustainable water resources management: source water quality, quantity, protection
- Applied limnology
- Hydraulics of water systems including source waters, treatment and distribution systems
- Water treatment processes, residuals treatment and management
- Modelling of source waters, treatment and distribution systems
- Applied methods to characterize water quality
- Distribution systems
- Water system management and policy: legislation, economics, public relations, crisis management
- Public health, risk assessment, regulations and standards
- Water reclamation and reuse (e.g. for agricultural or industrial use)
- Irrigation
- Desalination systems for water supply

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