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The Journal of Water Supply: Research and Technology—AQUA is Indexed/Abstracted in: Georef database, Bibliography and Index of Geology, Geosystems, Environmental Periodicals Bibliography, Chemical Abstract Service, Elsevier Biobase, Aqualine, Engineering Information, Inc.

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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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US Mail Identification Statement

Journal of Water Supply: Research and Technology—AQUA is published eight times a year in February, March, May, June, August, September, November and December. The annual subscription price for 2018, including postage is given on the inside back cover. Full details of subscriptions (including electronic access) can be obtained on request from the distribution agents, Turpin Distribution Ltd, at the address given on the inside back cover. IWA Publishing is a company registered in the UK, no. 3690822.

US publishing office: *Journal of Water Supply: Research and Technology—AQUA*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA. Periodicals postage paid at Rahway, NJ, USA.

Postmaster: please send address corrections to *Journal of Water Supply Research and Technology—AQUA*, c/o Mercury Airfreight International Ltd, 365 Blair Road, Avenel, NJ 07001, USA.