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Journal of Hydroinformatics is a peer-reviewed journal devoted to the application of information technology in the widest sense to problems of the aquatic environment. It will strive to promote Hydroinformatics as a cross-disciplinary field of study, combining technological, human-sociological and more general environmental interests, including an ethical perspective.

Contributions will be published in the following areas:
- Physically based simulation modelling
- Numerical methods
- Data-driven modelling and management
- Artificial neural networks
- Evolutionary methods
- Cellular automata
- Modelling systems
- Geographic information systems and virtual imaging
- Ecology and water quality modelling
- Environmental impact assessment
- Knowledge engineering and management
- Socio-economic framework
- Intelligent decision support, negotiation and management
- Education and training
- Internet-based applications
- Optimisation and control
- Risk analysis, fuzzy logic and management of uncertainty
- Tools, environments and languages

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