



Application of Artificial Intelligence Technology in Water Environment Monitoring and Industry

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Message from the Guest Editors

Dear Colleagues,

Artificial Intelligence (AI) technology has shown unparalleled superiority, bringing unprecedented development prospects to both society and industry, and improving AI technology is challenging. With the development of society, engineering systems have also faced many problems.

In recent years, most countries (e.g., China) have been stepping up the pace of AI construction and have made outstanding achievements in smart water, industrial automation monitoring, and so on. We propose this topic primarily to collect information on the industrial applications of AI in water system engineering and related environmental systems, including groundwater engineering systems, surface water engineering systems, and seawater environmental engineering systems.

Keywords

- Monitoring of municipal water systems
- Monitoring of municipal industrial wastewater systems
- Monitoring of water pipeline systems
- Monitoring of marine vessels
- Monitoring of submarine pipelines
- Monitoring of river systems
- Monitoring of river transportation safety
- Safety strategies of river water engineering systems
- Monitoring of mining, groundwater and surface water





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