

Special Session
on
Grey Techniques with Applications to Water Resources
Management and Environmental Systems
at
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Environment Research (ICWRER 2019)
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Scope and Objectives:

Uncertainty in water resources management and environmental systems problems is pervasive. Information for evaluation, prediction, and decision is often limited. To address the aforementioned problems, techniques for analyzing systems with limited information are required to discover potential interaction mechanisms and acquire knowledge. Grey relational analysis and grey forecasting methods are such techniques.

This session aims to provide a forum to disseminate advances in the development and application of the grey systems theory to address the challenging water resources management and environmental systems problems with limited information. Topics

within this overall theme include, but not limited to, the assessment of water quality and pollution level, grey forecasting of water supply, urban environmental systems, grey control of environmental systems, grey numbers and their applications to water resources management, grey matrix game models, grey risk management, grey emergency management of water quality, grey programming of water resources allocation. Authors wishing to participate in this session should indicate this when they submit their abstracts. Original research contributions and novel applications from authors are welcomed.