



Water Infrastructure Asset Management

Guest Editors:

Dr. Assela Pathirana

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Message from the Guest Editors

We encourage you to consider the opportunity for water infrastructure asset managers in addressing these challenges and welcome papers that aspects a broad range of topics, including:

1. Data management: Asset inventories, innovation data collation methods and uncertainty handling, data value
2. Asset condition assessment and deterioration modelling
3. Asset failure modes and reliability analysis.
4. Risk-based planning and optimisation of renewal programming.
5. Asset adaptation and life cycle management (managing uncertainty, climate change, funding, changing demands and requirements, scenario analysis, societal cost benefit approaches, system optimization and planning);
6. Life time extension approaches: repair and renovation techniques, design, probabilistic modelling and maintenance optimization.
7. Software tools for addressing different aspects of asset management (e.g., optimization, life-cycle costing)
8. Innovations in (Higher) Education and training in AM for water infrastructure.

Deadline for manuscript
submissions:
closed (31 December 2019)





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Message from the Editor-in-Chief

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