

International Conference on Smart Infrastructure and Construction 2019 (ICSIC)

Driving data-informed decision-making

MJ DeJong

About the Book

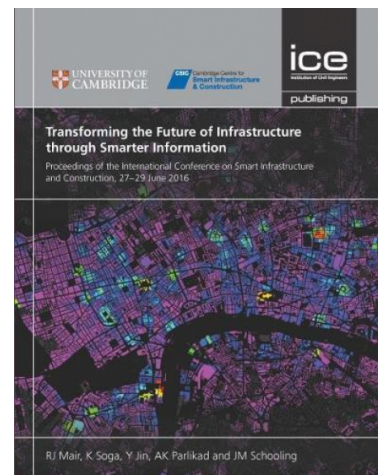
The International Conference on Smart Infrastructure and Construction 2019 (ICSIC) brings together world-leading academics and practitioners from the fields of infrastructure planning, asset management and sensing.

The papers included in these proceedings cover a wide range of topics relevant to smart infrastructure and construction including material on cities, structures, geotechnical capabilities and digital solutions. Contributions have been supplied by academics and professionals, working to develop smart solutions for design, delivery, operation and management of major infrastructure assets.

Topics discussed include:

- the development and application of innovative sensing systems for infrastructure assessment and monitoring
- methods to optimise data collection, and interpret and leverage data through mechanics-based computational modelling
- the distillation of large amounts of data using frameworks and metrics to inform decision-making for asset management and city planning
- policy approaches to procure and legislate for data-collection and security at multiple scales, from individual assets to whole cities

The proceedings for this globally important conference will appeal to practitioners, asset owners and operators, consultants, contractors and academics with an interest in the area.



Format: Hardback

Pagination: 784

Price:

£165.75 \$235.50 €191.00

Publication Date:

24th Jul 2019

ISBN: 9780727764669

Enjoy 30% off this ebook with code **EME30** on ebooks.com or off the print book when placing an order via booksales@emerald.com and quoting the code **EME30**.