



## Understanding and Preparing for Uncertainty in Sustainable Disaster Risk Management

Guest Editors:

**Prof. Dr. Douglas Paton**

College of Health and Human Sciences, Charles Darwin University, Darwin 0810, Australia  
Douglas.Paton@cdu.edu.au

**Prof. David Johnston**

Joint Centre for Disaster Research, Massey University, GNS Science, Wellington, New Zealand

D.M.Johnston@massey.ac.nz

**Dr. Emma Hudson-Doyle**

Joint Centre for Disaster Research, Massey University, GNS Science, Wellington, New Zealand

E.E.Hudson-Doyle@massey.ac.nz

Deadline for manuscript submissions:

**closed (30 June 2020)**

### Message from the Guest Editors

A sustainable approach to disaster risk management considers pre-disaster recovery planning and considers how response and recovery decisions can enhance preparedness for future disasters. However, these decisions are often subject to high levels of uncertainty.

In this special issue, we seek to bridge the gap between uncertainty research and sustainable disaster risk management (DRR). Issues requiring attention range from uncertainty in technical risk assessments to uncertainty in communication, decision-making, inter-agency relationships, leadership, community relationships, ethical expectations, and expected individual or group behaviours.

We will consider empirical research studies, theoretical papers, case studies, and other contributions that advance the understanding of uncertainty in a sustainable DRR and recovery context, considering both the Sustainable Development Goals and/ or the Sendai Framework for DRR. Contributions from a wide range of different academic fields including natural hazards, engineering sciences, science and technology studies, ethics and philosophy, policy science, sociology, psychology, and anthropology are welcomed.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Marc A. Rosen

Faculty of Engineering and  
Applied Science, University of  
Ontario Institute of Technology,  
Oshawa, ON L1G 0C5, Canada

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer-reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

## Author Benefits

**Open Access:**— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High visibility:** indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [Inspec](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and many other databases.

**Journal Rank:** [JCR - Q2 \(Environmental Studies\)](#) / [CiteScore - Q1 \(Geography, Planning and Development\)](#)

## Contact Us

---

*Sustainability*  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
Fax: +41 61 302 89 18  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[@Sus\\_MDPI](https://twitter.com/Sus_MDPI)