Special Issue

Big Data for Sustainable Development

Message from the Guest Editors

Each of the 17 United Nation's Sustainable Development Goals (SDGs) constitutes a potential Big Data source for development strategies. Their complex overlap provides both challenges and opportunities in identifying and modelling important data attributes relating to various aspects of our sustainability. Addressing real-world challenges requires engaging tools, skills and resources within a tripartite strategic framework centred on Data, Computing power and Information flow infrastructure (DCI). Interestingly, the three pillars are embedded within the SDG fabric. The recent publication of the SDGs Atlas by the World Bank, the Millenium Institute and Our World in Data has provided descriptive statistics and simulated patterns that are vital to understanding the levels of attainment of the 2030 Agenda globally. A step forward would be to add a predictive power to these tools, taking an interdisciplinary view of all SDGs as a multidisciplinary data fabric. By sharing and analysing data, information and knowledge over relevant tools and platforms, we can deliver a spatiotemporal Development Science Framework (DSF).

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Deadline for manuscript submissions

closed (31 August 2020)

Data

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.0

mdpi.com/si/30779

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About the Journal

Message from the Editor-in-Chief

Data is an open access journal that publishes scientific data in a reliable, citable, and accountable manner. Data grants the opportunity to formally share valuable data, for academic credit. It covers a wide range of disciplines in which data is generated so that published data is discoverable and available for wider re-use. The journal has highly accomplished scientists from a variety of disciplines on the editorial board. The publication emphasizes clarity, honesty, quality, and novelty and has a rigorous peer-review process. We strongly encourage you to share your data vision in Data.

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