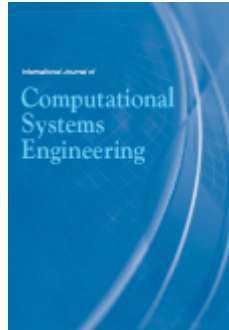


Call for papers



Int. J. of Computational Systems Engineering

AI2SD'2018: Special Issue on: "Intelligent Systems for Environment and Sustainable Development"

Guest Editors:

Prof. Mostafa Ezziyani, Abdelmalek Essaadi University, Morocco

This special issue will present the latest findings of the data analysis community relating to the environment and sustainable development. A profuse amount of environment and sustainable development data of various types is available, providing a rich and fertile playground for future data mining and machine learning research.

The issue will also pay special attention to several critical challenges in the science of environment and sustainable development extremes that are not handled by the current generation of energy models. It will explore potential conceptual and methodological directions for building a close integration between physical understanding, or physics-based modelling, and data-driven insights.

The issue will carry revised and substantially extended versions of selected papers presented at the [International Conference on Advanced Intelligent Systems for Environment and Sustainable Development applied to Agriculture, Energy, Health and Environment \(AI2SD'2018\)](#), but we are also inviting other experts to submit articles for this call.

Subject Coverage

Suitable topics include, but are not limited, to the following:

- Environment and the Internet of Things (IoT)
- Environment and big data analysis, summarisation, prediction
- Sensor networks for environment services
- Network interoperability in the environment ecosystems
- Wireless network security and privacy of data environment
- Wireless sensors, mobiles and cognitive radio networks
- Climate change session prediction systems

- Business strategies and decision models under uncertainty
- CCS and clean energy technologies
- Climate change and datamining
- Environmental accounting computing systems
- Environmental and social impact assessment modelling
- Environmental management computing systems
- Pollution management computing systems
- Statistical and numerical methods
- Sustainable development
- Sustainable industry
- Environmental education
- Environmental odour monitoring and control
- Environmental planning, management and policies
- Environment sensing
- Remote sensing of environment
- Atmosphere, weather and climate
- Natural disasters monitoring, warning and response
- Computing systems in geology
- Water cycle management systems
- Marine and coastal environment, resources and dynamics gelocalisation
- Data and information systems and spatial data infrastructures
- Wastewater management and IoT
- Remote sensing applications, geo-information, geophysics
- Remote sensing and geo-information
- Urban remote sensing
- Sustainable mobility solutions
- Technological change and the environment
- Waste management
- Wealth accounting and valuation of ecosystems
- Environmental data analysis and modelling

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All papers *must* be submitted online. To submit a paper, please read our [Submitting articles](#) page.

Important Dates

Manuscripts due by: *10 September, 2018*

Notification to authors: *10 October, 2018*

Final versions due by: *10 November, 2018*