

ENVIRONMENTAL MODELING AND ASSESSMENT

SPECIAL ISSUE: ENERGY, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

CALL FOR PAPERS

This Special Issue is devoted to the role of energy in the debate around sustainable development and environmental concerns. Manuscripts should present large scale or specific environmental models involving energy production, usage or storage. Contributions discussing policy and regulation issues are also welcome.

Submitted manuscript should be original and relevant to the special issue's topics, as described in the following list:

Themes

- Energy and environmental policy and management
- Environmental and sustainability impact assessment of energy industry
- Energy efficiency
- Sustainable / renewable energy
- Clean energy technologies
- New energies and systems
- Energy transition
- Climate issues
- Sectorial issues (transport, residential, production, ...)
- Smart energy systems
- Storage

Methods

- Techno-economic modelling
- Macroeconomic modelling
- Optimization
- Simulation
- Life cycle analysis
- Dynamic models
- Game theory
- Multi-criteria optimization
- Multi-agent modelling
- ...

Guest Editors:

Olivier Bahn, GERAD and HEC Montréal (olivier.bahn@hec.ca)

Michèle Breton, GERAD and HEC Montréal (michele.breton@hec.ca)

Information for prospective authors:

Please note that *Environmental Modelling and Assessment* is not an applied mathematics journal per se as it targets a wide, interdisciplinary, audience. The main body of the text must contain discussion and analyses that are accessible to such an audience. Theorem-proof style of presentation is unacceptable; definitions and theorems can be included in the main text provided they are accompanied by a discussion of their broader meaning in the context of environmental applications. Proofs need to be presented only in appendices, for those readers who are interested in detailed derivations and are sufficiently well trained in mathematics.

Manuscripts must be prepared according to the ENMO guidelines, available at <https://www.springer.com/environment/environmental+engineering+and+physics/journal/10666>.

Papers must be submitted through ENMO Editorial manager:

<https://www.editorialmanager.com/enmo/default.aspx>. When submitting, the authors should choose the Special Issue option on the submission page.

Timetable:

- Submission of papers: September 30, 2019
- Peer review: December 2019
- Publication: 2020

Environmental Modelling and Assessment is published by Springer International Publishing and indexed in Social Sciences Citation Index (SSCI).