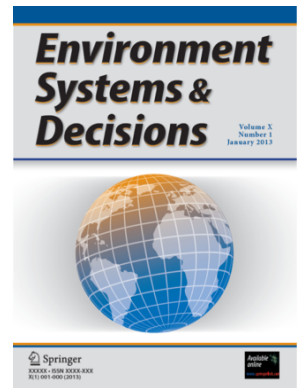


CLIMATE AND ENERGY DECISION MAKING UNDER UNCERTAINTY



The Editorial Board of the journal **Environment, Systems, and Decisions**, published by Springer, announces a special Call for Papers addressing the challenges of climate and energy decision-making under uncertainty.

Prospectus

In order to reduce the large impacts associated with climate change, greenhouse gas (GHGs) emissions should be reduced by an order of magnitude. GHGs emissions are due, in large extent, to the usage of fossil fuels that provide energy services – and thus addressing the climate change problem requires a transition to sustainable energy systems. Also, even if the world commits today to GHG emissions reductions, the humanity will still need to cope with ongoing climate change impacts. The world faces key decisions on how to mitigate or adapt to climate change under uncertainty.

Invitation

The Editors-in-Chief of the journal invite submissions in the area of Climate and Energy Decision Making under Uncertainty. Papers are encouraged in, *but not limited to*, the following areas:

- 1. Decision-Making in Climate Mitigation Strategies:** we seek studies that focus improving decisions making processes regarding the integration of variable and intermittent renewables, the role of energy storage, the potential for low-carbon or more efficient distributed generation, the use of unconventional natural gas resources, the consequences of large-scale adoption of electric vehicles and the deployment of carbon capture and storage. Other topics of interests are how to achieve greater use of energy efficient end-use technologies, the development of understanding of consumer reactions to different price levels and tariff structures, and of consumer choices for end-use technologies.
- 2. Decision-Making in Adaptation Strategies:** we seek studies on how to improve decision-making processes for major climate change adaptation issues. Submitted papers could focus, for example, on the ecological, economic and societal implications of adaptations that are or may be made to climate change, such as land and coastal area management decisions and consequences from ocean acidification. Other issues of interest include decision under extreme and non-stationary weather events (hurricanes, droughts, flooding, etc.).

Contact Details & Schedule

Inquiries regarding this Call for Papers should be directed to the editors for the special issue:

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Manuscripts are encouraged to be submitted prior to **March 1, 2014**. The review of manuscripts begins immediately. Manuscripts accepted for publication will be published online immediately after the galley proof is finalized, at the Springer ES&D website, and subsequently in the printed version of the Special Issue expected in Fall 2014.