



Journal of

Environment, Systems, and Decisions

Call for Papers:

Special Issue on “Scenario and Risk Analysis”

Igor Linkov and James H. Lambert, Editors in Chief
Matthew Bates and Zachary Collier, Managing Editors

The Editorial Board of the new journal **Environment, Systems, and Decisions**, (formerly titled The Environmentalist), published by Springer, announces a special Call for Papers addressing the methods, theory, and applications of scenario and risk analysis.

Prospectus

Uncertainty about the future cuts across disciplines, e.g., natural sciences (sea level rise and climate patterns), social sciences (societal trends such as voting behaviors), etc. Uncertainty has different scales, e.g., individual (markets and retirement investing), global (pandemics, military wargaming), etc. Addressing future scenarios is essential to the strategies of individuals, organizations, communities, and nations. Scenario analysis is a multidisciplinary and transdisciplinary approach that effectively negotiates the risks and benefits associated with emergent and future conditions.

There is no consensus on how and when to conduct a scenario analysis. How do we elicit, formulate, and identify scenarios? How do we account for stakeholder biases? How can we manage the uncertainty? What are the best ways to mitigate future risks and maximize future opportunities?

This special issue of **Environment, Systems, and Decisions** will explore the theory, methods, and applications of scenario analysis, along with its linkages with other subject areas such as risk management.

Invitation

The Editors-in-Chief invite submissions in the area of Scenario Analysis. Papers are encouraged in, *but not limited to*, the following areas:

Theory

- Scenario development
- Uncertainty reduction
- Extreme and rare events
- Connection to risk analysis
- Scenarios and decision making
- Scenario elicitation

Methods

- Impact analysis
- Simulation
- Forecasting
- Contingency planning
- Strategic gaming
- Stochastic analyses

Applications

- Global climate change
- Environment and ecology
- Technology and society
- Economic impacts
- Social issues
- Planning and policy

Contact Details & Schedule

Inquiries regarding this Call for Papers should be directed to either/both of the Editors-in-Chief:
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We welcome the submission of your abstracts anytime, with your papers by **30 June 2012** leading to publication of a special issue of **Environment, Systems and Decisions** in early 2013.