



Journal of
**Environment, Systems, and
Decisions**

Call for Papers:

**Special Issue on
“Energy, Environment, and
Sustainability”**

Igor Linkov and James H. Lambert, Editors in Chief
Zachary Collier and Matthew Bates, 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 challenges of energy, water and infrastructure sustainability for cities, industrial and military installations, and small communities.

Prospectus

Reliable and affordable services for energy, water, waste, etc. are an important determinant of the prosperity of cities and small, remote communities. Both military and industrial organizations are actively pursuing location-specific strategies to address both the sources of energy production as well as the quality and quantity of energy and water consumption, storage, and recycling.

Managing the environmental risks is an essential consideration for sustainability. Exploration for new sources of coal, oil, and natural gas has become aggressive in the past decade. Meanwhile world reserves dwindle and societal demands for energy continue to grow. Alternative energy technologies pose significant technical and environmental challenges. In both cases, efforts require significant investments and must account for known and unknown vulnerabilities of ecosystems. Emergent conditions such as climate change, variable regional energy demands, and regulations are further complications. Focused integrations of environmental risk management, modeling and assessment, risk analysis, scenario analysis, and decision analysis will be beneficial to guide investments in energy, water, waste, and related transportation security.

Invitation

The Editors-in-Chief of the journal invite submissions in the area of Sustainability, Energy and Water Security, Environmental Risk Management, and related topics. Papers are encouraged in, *but not limited to*, the following areas:

- Sustainability management – definition, and regulatory background
- Environmental impacts of alternative energy and water technologies
- Integrating environmental risk assessment in evaluation of technological alternatives
- Methods for sustainable decision making that assess and integrate risk, costs, and benefits
- Connecting technological alternatives, societal factors, and environmental impacts
- Energy and water security and environmental risk at military and industrial installations
- Success stories in sustainable development at the scale of cities and installations
- Policy analysis for government and industry in the above topics

Contact Details & Schedule

Inquiries regarding this Call for Papers should be directed to either/both of the Editors-in-Chief:
Dr. Igor Linkov, US Army Engineer Research and Development Center: Igor.Linkov@usace.army.mil
Dr. James H. Lambert, University of Virginia: Lambert@virginia.edu

We welcome the submission of your abstracts anytime, with your papers by **1 August 2012** leading to publication of a special issue of the journal **Environment, Systems, and Decisions** in early 2013.