Call for Featured Papers on
Environmental Decisions

Guest Editors:

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Motivation

Environmental decisions can strongly impact nature, individuals, and society. Our society is urgently asked to find solutions for the sustainable use of resources and to carefully consider the long-term consequences of its actions, but these environmental policy decisions are difficult to make. Environmental systems can be ill-defined, may concern a range of stakeholders with opposed interests, and operate at different time scales. The multiple impacts of environmental decisions may be difficult to quantify and may result in significant societal burdens. Moreover, most environmental decisions are characterized by high uncertainty.

Methods from different fields are well suited to aid individual decision-makers as well as communities. These fields are diverse and include decision, risk, and policy analysis, operational research, economics, psychology, and the natural and engineering sciences. However, applying a single disciplinary perspective is clearly insufficient, and thus interdisciplinary approaches and multiple tiers of analysis are required.

The goal of this Feature Issue is to collect a wide range of papers that focus on the *process* of environmental decision-making. We are soliciting papers that show how to include different perspectives, stakeholders, and the public in the entire decision-making process. This ranges from framing the problem, eliciting preferences, spatial aspects of environmental decisions, and system modeling to communicating and implementing strategy. Insights into behavioral phenomena and biases, dealing with uncertainty, modeler-stakeholder interactions, or communication are welcome, particularly if they take a system perspective.

Contents

We are inviting state-of the art original research and review papers on environmental decision processes. We are highly interested in empirical and theoretical research that increases our understanding of the effectiveness of selected interventions under high uncertainty in their predicted performance, as well as variability of judgment and values across stakeholder groups. This includes theoretical and applied work on new methods that draw on different disciplines. We are especially open to inter- and trans-disciplinary research. We also welcome original empirical research that focuses on application of *decision processes* in solving real problems. This Feature may cover various fields (e.g., climate change, resource management, biodiversity, conservation), and applications in various sectors (e.g., energy, waste, forests, or water).

Schedule

Prospective authors are invited to contact the guest editors with an extended abstract of a proposed paper via e-mail (judit.lienert@eawag.ch; igor.Linkov@usace.army.mil) before submitting the full paper.
Submission of full papers is via the EJDP electronic submission system
(https://www.editorialmanager.com/ejdp, selecting article type SI: Environmental Decisions)

- December 15, 2018: 1-page extended abstracts (optional, but highly welcome)
- February 28, 2019: Submission of full papers
- May 31, 2019: Notification (1st round)
- June 30, 2019: Revision due
- Autumn / Winter 2019: Publication of Feature Issue
  Papers will be published online after acceptance and proof-reading.