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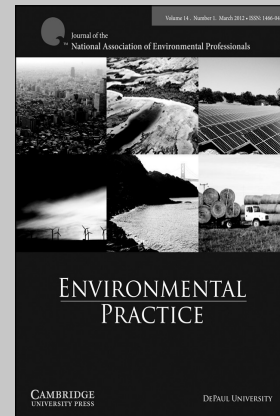
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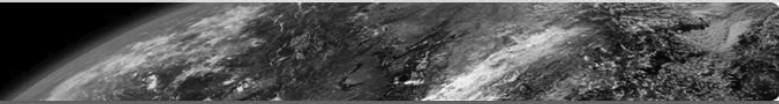
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Call for Papers

Environmental Conservation Themed Issue on

Using Spatial Simulation Models to Plan for Persistence of Biotic Communities under Global Change

The ecological impacts of climate and land use change are frequently examined through the use of spatial simulation models, including those on: species distribution, habitat change, land use / land cover change, and dynamic global vegetation. Far less frequently do we see research that uses these models in the service of informing public policy, stakeholder scenario analysis, or applied conservation. The conservation community needs improved understanding of the relative merits of different modeling approaches in terms of their ability to influence policy and management. The research community also needs to better understand how to employ models and communicate their findings in a manner that is useful to conservation practitioners.

The purpose of this thematic issue is to highlight the use of spatial simulation models in informing conservation planning for global change. The focus potentially encompasses specialist organisms that require narrow environmental envelopes, mobile terrestrial species that rely on unrestricted movements across landscapes, and landscape-scale simulation studies that quantify changes in ecosystem services. Papers may take the form of detailed studies, or thematic / geographical reviews but strong original empirical contributions will be prioritized. Submitted papers may concern terrestrial, freshwater, or marine communities, but should include specific actions to conserve populations, communities, or ecosystems based on future states as portrayed by spatial simulation models (See Thompson et al. 2012 *Bioscience* 62:367-376 for examples). The submitted papers may target, but will not be limited to:

- Identification and implementation of corridors allowing movement across temperature gradients or among protected areas;
- Linking diversity metrics to global change models to insure redundancy through protected area creation and management;
- Building redundancy and resilience into conservation planning models;
- Linking key demographic features of species with global change models and prioritizing critical habitats that support those features;
- Watershed planning for extreme weather events and their impact on maintaining fish resources and clean water;
- Comparative cases studies using global change models to help communities and governments plan for predicted shifts in natural resources.

Managing Editor: William McShea, Smithsonian Institution, (McSheaW@si.edu)

Submission Guidelines

Only original and unpublished high-quality research papers are considered and manuscripts must be in English. Instructions for Authors can be found at <http://tiny.cc/iv6kg> and papers must be submitted via the journal web submission route (<http://mc.manuscriptcentral.com/envcon>). **You must provide a cover letter to indicate that the submission is for the issue “Using Spatial Simulation Models to Plan for Persistence of Biotic Communities under Global Change”.** If this is not supplied, the submission is late, or if too many/insufficient papers are accepted for a particular theme, they may be published by the journal as regular submissions. All papers will be submitted to a rigorous peer-review process and the mere fact that they are part of a themed issue (solicited or not) does not guarantee acceptance.

Important Dates

Manuscript submission deadline: 31st January 2013,
Publication of themed issue: Late 2013/2014 (to be confirmed)

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Text should be prepared in Word or rich-text format in a common 12-point font such as Times New Roman. All pages should be numbered and also include line numbering to ease the review process. The first (title) page must include author names (capitals) and full addresses where the work was carried out. The corresponding author should provide an e-mail address. Current addresses, where different, should also be given, and a word count provided including references and legends.

The second page should contain a Summary followed by the main body of text. The Summary should be concise and informative, and complete in itself. It should succinctly express the context, purpose, methods, findings, approach and implications of the study. There should be no references or unexplained abbreviations. Avoid phrases such as 'are described', 'will be discussed', etc. Comments and Reports do not have a Summary, but please remember that all submissions require an additional Abstract at submission, which is used in the review process.

A research paper will normally have such sections as: Introduction; Methods; Results; Discussion; Conclusions; Acknowledgements; References; and Figure Legends. The Methods section should include essential details of study area, analyses and sources of data. Each Table and Figure should be loaded as a separate file and format details are provided below.

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