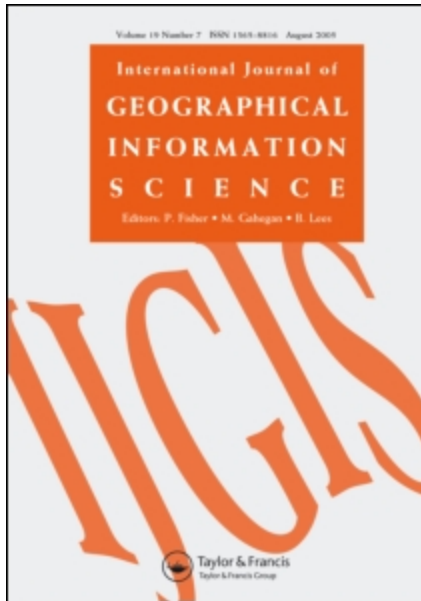


Papers sought for a Special Issue in Spatial Ecology for the International Journal of GIS

Special Issue Editor: Prof Andrew Skidmore, ITC, The Netherlands



A special issue on spatial ecology has been approved by the Editors and Publisher of the International Journal of GIS. **You are encouraged to submit relevant and high quality manuscripts for this special issue (see details below).**

Spatial Ecology is a rapidly developing field, but remains rather diffuse across a wide range of international journals, including disciplines devoted to the spatial sciences, as well as ecology, forestry, agriculture, environmental management, geography, global change, etc. According to data presented at the last IJGIS Board meeting in Beijing (June 2008), there appears to be an increasing number of submissions in spatial ecology. The published articles attract high average citation rates.

For this special issue, we are seeking the submission of papers from ecological and related environmental studies, as well as more technical articles including topics such as spatial data infrastructure relevant to ecological applications. We are especially interested in special and unusual (new) ways of thinking about, and processing, spatial ecological data.

Key words and topics for this special issue include scale, forage quality and quantity, trophic layers, visualization, spatial data infrastructure for ecological (biodiversity) data, methods to derive ancillary data required for ecological modeling

(climate, terrain, soils etc), animal movement including both spatial and temporal analysis, phenology, global databases for ecological studies (biodiversity, NPP, carbon etc), fragmentation and connectivity, biodiversity hotspots and endemism, physical vegetation structure for biomass assessment, paleo-ecology and reconstructing past environments with respect to climate change, innovative methods and algorithms for spatial ecological analysis such as ES and NN, terrestrial marine and atmospheric ecology will be considered, etc. Relevant cross-over papers between GIS and remote sensing will also be highly relevant.

A condition of submission and acceptance will be that papers must pass the usual IJGIS review process, where we expect a 50% rejection rate. In addition, authors will be asked to link and cross-reference papers from the special issue, and these links and cross-references will then be subject to a second review by the editor. Articles which do not adequately link and cross-reference with other articles from the Special Issue, will be rejected.

The special issue will be about 134 pages in length, with a minimum and maximum length respectively of about 120 and 145 pages. Each paper will be about 10 pages in length. Colour will be available if justified.

The deadline for submission of papers is July 1st 2009.

When you submit your special issue paper online to the International Journal of GIS <http://mc.manuscriptcentral.com/ijgis>, please choose 'Special Issue Paper' from the Manuscript Types field.

For more information please contact the special issue editor Prof Andrew Skidmore of ITC, The Netherlands, email: skidmore@itc.nl.