



# ECOLOGICAL INFORMATICS

An International Journal on Ecoinformatics and Computational Ecology

## AUTHOR INFORMATION PACK

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### DESCRIPTION

The journal *Ecological Informatics* is devoted to the publication of high quality, peer-reviewed articles on all aspects of ecoinformatics, computational ecology, biogeography and systems ecology. The scope of the journal takes into account the data-intensive nature of ecology, the precious information content of ecological data, the growing capacity of computational technology to leverage complex data as well as the critical need for informing sustainable management in spite of global environmental and climate change.

The nature of the journal is interdisciplinary at the crossover between ecology and informatics. It focuses on novel concepts and techniques for image- and genome-based monitoring, sensor- and multimedia-based data acquisition, internet-based data archiving and sharing, data assimilation, modelling and prediction of ecological data.

The journal invites papers on:

- novel concepts and tools for monitoring, acquisition, management, analysis and synthesis of ecological data, including genomic and paleo-ecological data,
- understanding ecosystem functioning and evolution, and
- informing decisions on environmental issues like sustainability, climate change and biodiversity.

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### IMPACT FACTOR

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## ABSTRACTING AND INDEXING

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