



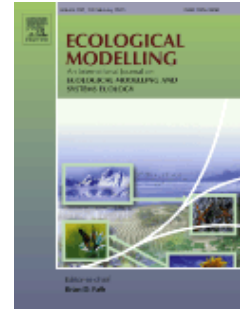
ECOLOGICAL MODELLING

International Journal on Ecological Modelling and Systems Ecology

AUTHOR INFORMATION PACK

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The journal is concerned with the use of **mathematical models** and **systems analysis** for the description of **ecological processes** and for the **sustainable management** of **resources**. Human activity and well-being are dependent on and integrated with the functioning of ecosystems and the services they provide. We aim to understand these basic ecosystem functions using mathematical and conceptual modelling, systems analysis, thermodynamics, computer simulations, and ecological theory. This leads to a preference for process-based models embedded in theory with explicit causative agents as opposed to strictly statistical or correlative descriptions. These modelling methods can be applied to a wide spectrum of issues ranging from basic ecology to human ecology to socio-ecological systems. The journal welcomes research articles, short communications, review articles, letters to the editor, book reviews, and other communications. The journal also supports the activities of the [International Society of Ecological Modelling \(ISEM\)](#).

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