Special Issue

Advances in System Dynamics and Agent-Based Modeling for Social-Ecological Systems Research

Message from the Guest Editors

The notion of social–ecological systems (SESs), coupled systems of social and ecological components, has received growing attention. Governance neglecting either of the system components could lead to an undesirable state of both. Therefore, it is critical to understand the dynamic interactions between social and ecological systems. Collecting state-of-the-art studies in system dynamics and agent-based models for social–ecological systems is highly beneficial to advance the field. We welcome any quality work contributing to the advancement of SESs studies using system dynamics or agent-based modeling, including their applications, modeling methodology, theoretical and conceptual discussion, and reviews. For more information, please visit:

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Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The Systems journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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