The International Society for
ECOLOGICAL MODELLING
GLOBAL CONFERENCE 2023

2-6 MAY 2023 UNIVERSITY OF TORONTO, SCARBOROUGH, CANADA

The International Society for Ecological Modelling Global Conference 2023 (ISEM 2023), under the theme 'Ecological Models for Tomorrow's Solutions', will bring together scientists from all professions and applications that deal with the use of ecological models and systems ecology.

Toronto shall be the inspiring space for the Ecological Modelling community to meet, discuss and share ideas. In this conference, ecological modellers will join in their ongoing effort in advancing the concepts and methods of ecological modelling to develop ecological theory in a wide range of topics and modelling approaches.

The conference will provide insights into the current state of the field of ecological modelling and highlights the major challenges in supporting adaptive management implementation.

CONFERENCE CHAIRS:

George Arhonditsis, *University of Toronto Scarborough, Canada*
Ram Yerubandi, *Environment and Climate Change, Canada*

IN ASSOCIATION WITH:

INTERNATIONAL SOCIETY FOR ECOLOGICAL MODELLING

ORGANISED BY:

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27 Jan 2023

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ISEM

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2–6 MAY 2023
UNIVERSITY OF TORONTO, SCARBOROUGH, CANADA

PLENARY SPEAKERS

John Pomeroy
University of Saskatchewan, Canada

TALK TITLE: Process-based Ecohydrological modelling to predict water futures

David Hamilton
Griffith University, Australia

TALK TITLE: Understanding the diversity of watershed management approaches using blended statistical and deterministic models

Shaopeng Wang
Peking University, China

TALK TITLE: Biodiversity and ecosystem functioning across scales and trophic levels

Friedrich Recknagel
The University of Adelaide School of Biological Sciences, Australia

TALK TITLE: Advances in predictive and explanatory modelling in ecology by evolutionary computation
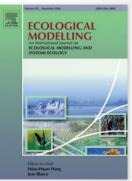
Karline Soetaert
Royal Netherlands Institute for Sea Research, The Netherlands

TALK TITLE: Modelling the effects of human activity on the North Sea ecosystem

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