

3rd IFAC workshop on Integrated Assessment Modeling for Environmental Systems Savona, Italy, 29-31 May 2024

<https://iames.unige.it>

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Key dates

Special Session proposal:

January 15, 2024

Acceptance notification of Special Session proposal: January 31, 2024

Regular papers submission

deadline: February 16, 2024

Acceptance notification of papers: March 16, 2024

Discussion papers submission

deadline: March 15, 2024

Discussion papers acceptance:

March 31, 2024

IAMES2024 is the third workshop focused on environmental modelling and integrated impact assessment. These topics generally involve scientists from different disciplines, enterprises, policy makers, and other stakeholders for monitoring, management, and planning of environmental systems, and it finds application in multiple domains (risk management, pollution, social and life sciences, economics, power and energy, circular economy, ...) in an integrated way.

These topics are currently more and more interesting because of the high interest at the international level for environmental and energy sustainability, taking into account environmental impacts, economic issues, new technologies (energy production from renewables, smart grids, smart buildings, electric vehicles, storage systems, etc.), and new management tools (building automation systems, energy management systems, etc.).

The methods and models that are particularly important to discuss in this workshop are those typical of automation and systems engineering: identification of models and simulation, data collection and elaboration, optimization, and control. It will serve as an international forum for interaction among scientists, enterprises, and decision-makers who are interested in defining, testing, and promoting models and methods to support policies for climate change, water resources management, air quality, agriculture, energy management, and any other activity that has an impact on human life or the environment itself.

The workshop, through round tables and special sessions, will include a focus on:

- natural risk management (in collaboration with CIMA Foundation International research center, <https://www.cimafoundation.org/en/>),
- environmental sustainability (in collaboration with the Liguria Innovation Pole on Energy, Environment, and Sustainability (EASS, <https://www.poloeeass.ticass.it/en/>)), and
- energy management (due to Savona Campus's peculiarities, including a smart polygeneration microgrid and a smart energy building, <http://www.energia2020.unige.it/en/home/>).

Industry participation is foreseen through the collaboration with Polo EASS and the competence center START 4.0 (<https://www.start4-0.it/>).

Accepted papers will be published by IFAC-PapersOnLine (Elsevier)



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