

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

<https://iames.unige.it>

National Organizing Committee

NOC Chair

Prof. Michela Robba (UNIGE)

NOC Co-Chair

Prof. Giulio Ferro (UNIGE)

NOC VC Industry

Prof. Paola Girdinio (UNIGE)

Diversity and inclusion Co-Chair

Prof. Angela Taramasso (UNIGE)

Local Organizing Committee:

Simona Pozzati, Paola Laiolo, Luca Parodi, Virginia Casella, Giorgio Saio, Yassine Ennassiri, Daniel Valderrama

Interantional Program Committee

IPC Chair

Prof. Ronald van Nooijen
(TUDELFT)

IPC Co-Chair

Prof. Marialuisa Volta (UNIBS)

IPC VC Industry

Prof. Francois Peres (ENIT)

Editor

Prof. Giorgio Guariso (POLIMI)

Key dates

Special Session proposal:

February 15, 2024

Acceptance notification of Special
Session proposal: Feb. 29, 2024

Regular papers submission

deadline: February 29, 2024

Acceptance notification of papers:

March 31, 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)



Copyright conditions: All publication material submitted for presentation at an IFAC-sponsored meeting (Congress, Symposium, Conference, Workshop) must be original and hence cannot be already published, nor can it be under review elsewhere. The authors take responsibility for the material that has been submitted. IFAC-sponsored conferences will abide by the highest standard of ethical behavior in the review process as explained on the Elsevier webpage (<https://www.elsevier.com/authors/journal-authors/policies-and-ethics>), and the authors will abide by the IFAC publication ethics guidelines (<https://www.ifac-control.org/events/organizers-guide/PublicationEthicsGuidelines.pdf/view>). Accepted papers that have been presented at an IFAC meeting will be published in the proceedings of the event using the open-access IFAC-PapersOnLine series hosted on ScienceDirect (<https://sciencedirect.com/>). To this end, the author(s) must grant exclusive publishing rights to IFAC under a Creative Commons license when they submit the final version of the paper. The copyright belongs to the authors, who have the right to share the paper in the same terms allowed by the end user license, and retain all patent, trademark and other intellectual property rights (including research data)