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**Call for Papers**  
*Annals of Operations Research*  
**Special Issue: Operations Research for Sustainable Development**

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*Annals of Operations Research* seeks submissions for a special issue on **Operations Research for Sustainable Development**. The deadline for submission is **April 30, 2025**.

**Aims and scope:**

The topic of sustainable development has become more important than ever in the academic and policy agendas. In its broader definition sustainability requires to ensure an appropriate balance of economic, health, and environmental needs. The complexity of the current socio-economic system characterized by uncertainty, irreversibility, and tipping points makes such a search of a proper balance particularly difficult.

This special issue will collect a series of works that contribute to the understanding of the challenges associated with the process of sustainable development by exploring the dynamic links among economic activities, health conditions, and environmental outcomes. Specifically, the main goal of this special issue is to develop innovative operations research methods to better support policymakers in their efforts to promote sustainability in a broader sense. It aims to address a number of issues in the context of sustainable development placing particular emphasis on the development and application of novel operations research techniques.

**The main topics of interest are:**

We welcome contributions addressing several aspects of the dynamic relation among economy, health, and the environment. Papers may rely on a wide range of economic, mathematical, and complexity approaches, making a novel contribution in OR theory and methodology. Topics of special interest are related to the following areas:

- Deterministic and stochastic optimization
- Complexity and network theory
- Dynamic and evolutionary games
- Mean field and stochastic games
- Spatial diffusion and spatial agglomeration

- Multicriteria methods and multi-objective optimization
- Agent-based and computable general equilibrium models
- Artificial intelligence and machine learning

This call for papers is related to the HEDGE (Health, Environment, Development, and Growth Economics) conference which will take place in Pisa on 2-4 September 2024, but it is open to everyone. Both conference participants and non-participants are encouraged to submit high-quality papers dealing with topics related to operations research for sustainable development.

**Instructions for authors can be found at:**

<http://www.springer.com/business/operations+research/journal/10479>

Authors should submit a cover letter and a manuscript by **April 30, 2025**, via the Journal's online submission site. Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, Editorial Manager. When prompted for the article type, please select **Original Research**. On the **Additional Information** screen, you will be asked if the manuscript belongs to a special issue, please choose yes and the special issue's title, **Operations Research for Sustainable Development**, to ensure that it will be reviewed for this special issue. Manuscripts submitted after the deadline may not be considered for the special issue and may be transferred, if accepted, to a regular issue.

Papers will be subject to a strict review process under the supervision of the Guest Editors, and accepted papers will be published online individually, before print publication.

### **Guest Editors**

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