



The 17th International Symposium on Operations Research in Slovenia - SOR'23

Bled, Slovenia, September 20-22, 2023

<https://sor.fov.um.si/>

Call for Papers for Special Session

APPLICATIONS OF OPERATIONS RESEARCH IN AGRICULTURAL ECONOMICS

at the 17th International Symposium on Operations Research in Slovenia (SOR '23)
which will be held in Bled, Slovenia, September 20 – 22, 2023.

Organized and chaired by: Prof. Dr. Karmen Pažek and Prof. Dr. Črtomir Rozman

Agricultural economics research is essential for understanding the complex interactions between economic, social, and environmental factors in agriculture, and for developing strategies to promote sustainable and profitable farming practices. It is utilizing operations research methods as the basic research instrument. This is the third time we are organizing a special section on the SOR'23 dedicated to operations research application in the areas of agriculture with special emphasis on agricultural economics and farm management. The special session aims to provide a forum for researchers, practitioners, and students to present and discuss innovative research and applications of operations research methods in agricultural economics and agriculture. The session will focus on how quantitative methods can be used to enhance the efficiency, productivity, and sustainability of agricultural practices.

Suggested topics for submissions:

- Optimization of agricultural production using operations research
- Modeling inventory and supply chain management in agriculture
- Efficiency analysis
- Decision support, simulation and multi criteria analysis
- Optimization of logistics and transportation in agricultural systems using operations research
- Market analysis and strategy development for agricultural products using operations research
- Optimization of land use and soil management using operations research
- Applications of machine learning and similar fields
- Climate change and its impact on agriculture: the role of operations research in adaptation strategies.

Other research topics are also welcomed.



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DEADLINES:

- Submission of contributed papers: June 2, 2023
- Referee's reports: July 3, 2023
- Submission of revised papers and copies of bank transfer: August 25, 2023

Note: When submitting the paper, please, select "Special Session on Applications of Operations Research in Agricultural Economics".