



The 18th International Symposium on Operations Research in Slovenia - SOR'25

Bled, Slovenia, September 24-26, 2025

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

Call for Papers for Special Session

OPERATIONS RESEARCH APPLICATIONS IN AGRICULTURE AND AGRICULTURAL ECONOMICS

at the 18th International Symposium on Operations Research in Slovenia (SOR '25)
which will be held in Bled, Slovenia, September 24– 26, 2025.

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

Agricultural economics research plays a vital role in exploring the intricate interplay between economic, social, and environmental factors in agriculture. It provides the foundation for developing strategies that support both sustainable and profitable farming. At the core of this research lie operations research methods, which serve as key analytical tools. For the fourth time, we are pleased to host a dedicated special section at the **18th International Symposium on Operations Research in Slovenia** (24-26 September 2025, Bled, Slovenia), focusing on the application of operations research in agriculture—particularly in the areas of **agricultural economics and farm management**. This session aims to create a dynamic platform for researchers, practitioners, and students to share and discuss cutting-edge research and practical applications of quantitative methods in agricultural settings. Suggested topics for submissions:

- **Optimization and efficiency in agricultural systems** (production, logistics, transportation, land use, and soil management) using operations research
- **Supply chain and inventory modeling**, including market analysis and strategy development for agricultural products
- **Decision support tools**, including simulation, multi-criteria analysis, risk management and efficiency evaluation
- **Econometric and statistical modeling**, with applications in agricultural economics
- **Machine learning and related approaches** in agricultural data analysis and decision-making
- **Climate change and agriculture**, with a focus on operations research in adaptation strategies

Other topics are also welcomed.

DEADLINES:

- Submission of contributed papers: June 10, 2025
- Referee's reports: July 10, 2025
- Submission of revised papers and copies of bank transfer: August 25, 2025

Note: When submitting the paper, please select "OPERATIONS RESEARCH APPLICATIONS IN AGRICULTURE AND AGRICULTURAL ECONOMICS".