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PLENARY LECTURE

Synergizing Research and Policy: A Comprehensive
Analysis of Operations Research Trends and Their Impact
on Policymaking and Funding Strategies

KEYNOTE SPEAKER

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PLENARY LECTURE ABSTRACT

We are witnessing a surge in the popularity of operations research topics among a number of stakeholders. Although researchers' interest prevails, the critical importance of the topic lies underneath the policymakers and scientific funding agencies. The intersection between hot research topics and the agenda of policymakers and scientific funding agencies is an issue of great concern. The talk will address several vital takeaways while fostering insights from CNRS-indexed operations research journals. Firstly, we will dig deep into a bibliometric analysis of leading researchers and institutions, underlying particularly productive and influential ones. Further, we will tackle the trending topics in leading journals through a two-stage approach: first, we will outline similarities and differences between journals ranked 1 or 2 and journals ranked 3 or 4;

secondly, we will map the survival of trending topics in observed journals as important input for understanding the evolution of the research field. Finally, a wealth of knowledge obtained in previous phases will be matched to the agenda of policymakers and scientific funding agencies as the necessary input for drafting research programs and calls for applications. The talk will conclude with the guidelines for the successful helix of operations research academia, policymakers, and scientific funding agencies as essential assets for prosperous and successful adherents to society's needs.

Keywords: bibliometric analysis, trending topics, operations research, CNRS, funding scientific research

