

Special Session Call for Papers:

Analytics and Optimization in Public Sector

This year, the session Analytics and Optimization in Public Sector aims to bring together academics, practitioners, researchers, policy makers and students to share and discuss new challenges and possible solutions in public sector administrations. The public administrations organizations and sector as whole are under pressure to make smarter and faster decision, especially in the transition countries and EU candidates such as Republic of Serbia. The main challenge lays in possibility of using the growing mountain of available data to make better data-based decisions.

Adopting new analytical techniques might be one step in public sector modernization. Public services need to process large and increasing data sets to uncover trends and anomalies. When data is deeply analyzed and clearly presented, it can improve mission critical performance and outcomes and provide accurate forecasting and predictions.

The next step in using increasing amount of raw and generic data lays in the optimizations. Different optimization and other operational research methods can help to do things better and more efficiently with less means. Optimization goals may be different: finding the best prices, selecting the most beneficial projects, finding the most efficient public organization and setting it as benchmark, defining balanced budget in education or health sector, solving collision problems and finding optimal flow in transportation, etc...

We look for high-quality original research papers, both empirical and theoretical, that can be recommended for the monograph "Analytics and Optimization in Public Sector" that will be published after the conference. The authors are invited to submit original papers regarding analytics and optimization applications in the various branches of public sector, such as:

1. Defense
2. Education
3. Environment and energy efficiency
4. Finance
5. Health care
6. Infrastructure
7. Public administration
8. Public safety
9. Transportation
10. Other branches

Notes:

- Papers should be written in English using Sym-op-is 2017 template.
- Papers should be submitted via e-mail: symopis2017@vggs.rs, with Subject: Analytics and Optimization in Public Sector.