

MAP14

Risk Modeling and Resource Optimization in National Security Applications

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Abstract

This special session invites presentations on decision analysis that focus on risk modeling and resource optimization in the context of national security. We are particularly interested in talks on how decision analysis techniques can be employed to mitigate risks in key national security areas such as critical infrastructure and airport security. We also invite talks that demonstrate strategies for optimizing the use of limited resources—whether personnel, technologies, or funding—in these crucial sectors. Finally, we encourage presentations that explore the integration of advanced artificial intelligence methods with traditional operations research techniques to address complex challenges in the national security domain.

Conference Track

Military Applications