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A transient stochastic simulation-optimization model for operational fuel planning in-theater

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**Highlights**

- Army fuel planners lack decision support tools for the daily task of fuel planning
- A simulation-optimization model is developed to optimize fuel distribution policies
- For a specific scenario, the model delivers a limited set of policies to the planner
- The performance of the model is stable across a variety of supply chain scenarios
- The model handles the largest supply chain scenarios the fuel planner might encounter

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