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Disaster preparedness in humanitarian logistics: A collaborative approach for resource management in floods

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Highlights

- A model was designed to optimise logistic decisions and minimise agencies involved
- Multi-objective optimisation and equity are incorporated in the formulation
- The model is tested on a real case in Mexico comparing the results to real activities
- The results point towards the importance of coordination and interoperability
- There are potential improvements in cost, fill rate and resource management in Mexico

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