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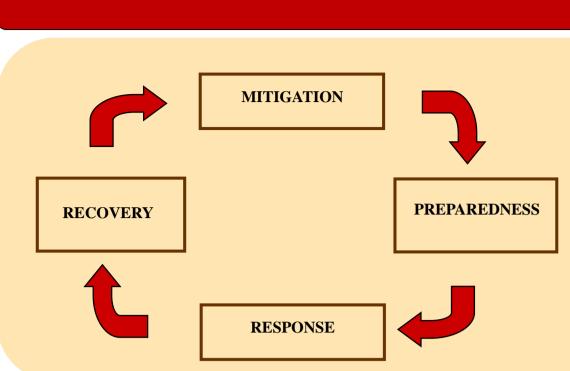
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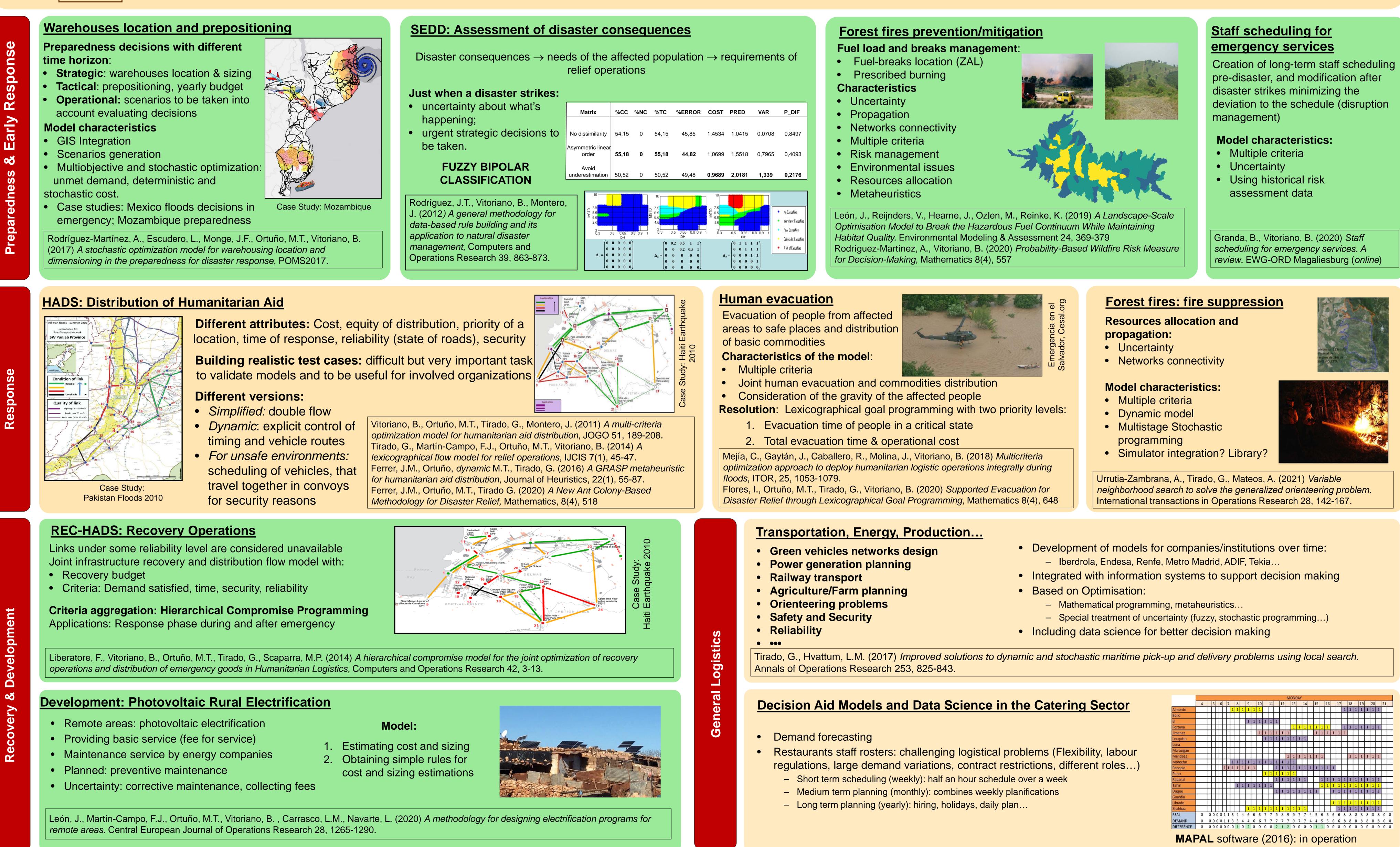
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# **UCM-HUMLOG** Decision Aid Models for Logistics and Disaster Management (Humanitarian Logistics)

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This poster shows the activities of our research group, "HUMLOG Decision Aid Models for Logistics)". Currently, the group's work is mainly devoted to the development of decision aid models in humanitarian logistics and disaster management, but also maintains activity in general logistics. The widest context for humanitarian logistics. The widest context for humanitarian logistics. The widest context for humanitarian logistics application is disaster management but it also humanitarian operations not linked to a specific disaster (World Food Programme, vaccination campaigns) or development projects providing basic services. However, it is in disaster management where the application of humanitarian logistics is more complex and difficult and where more differences with business logistics appear.

Ferrer JM, Martín-Campo FJ, Ortuño MT, Pedraza-Martínez AJ, Tirado G, Vitoriano B. (2018) Multi-criteria optimization for last mile distribution of disaster relief aid: Test cases and applications. EJOR 269 501-515 Vitoriano, B., Montero, J., Ruan, D. (2013) Decision Aid Models for Disaster Management and Emergencies. Atlantis Press. Vitoriano, B., Rodríguez, J.T., Tirado, G., Martín-Campo, F.J., Ortuño, M.T., Montero, J. (2015) Intelligent Decision-Making Models for Disaster Management. HERA 21(5), 1341–1360.



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