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1. Swiss Re. <https://www.swissre.com/> [accessed 2.13.21].
2. United Nations. Humanitarian action. Available from: <http://www.un.org/ha/moreha.htm>; 2004 [accessed 07.12.2020].
3. Van Wassenhove L. N., Humanitarian aid logistics: supply chain management in high gear, *Journal of Operations Research Society*, vol. 57(5), pp. 475–489, 2006.
4. Eiselt H. A., Sandblom C. L., *Decision analysis, location models, and scheduling problems*. Berlin Heidelberg: Springer, 2004.
5. Balcik B. and Beamon, B. M., Facility location in humanitarian relief, *International Journal of Logistics Research and Applications*, vol. 11, pp. 101-121, 2008.
6. Costa, S. R., Campos, V. B. and Bandeira, R. A., Supply Chains in Humanitarian Operations: Cases and Analysis, *Procedia - Social and Behavioral Sciences*, vol. 54, pp. 598-607, 2012.
7. Feng, C.M. and Wen, C.C., Traffic control management for earthquake-raided area, *Journal of the Eastern Asia Society for Transportation Studies*, vol. 5, pp. 3261-3275, 2003.
8. Hamed, M., Haghani, A. and Yang, S., Reliable Transportation of Humanitarian Supplies in Disaster Response: Model and Heuristic, *Procedia - Social and Behavioral Sciences*, vol. 54, pp. 1205-1219, 2012.
9. Alumur, S.A., Kara, B.Y., Karasan, O.E., Multimodal hub location and hub network design, *Omega*, vol.40, pp. 927–939 2012.
10. Ishfaq, R., Sox, C.R., Production, Manufacturing and Logistics Design of intermodal logistics networks with hub delays, *European Journal of Operational Research*, vol. 220, Issue 3, pp. 629–641, 2012.
11. Elhedhli, S., Wu, H., A Lagrangean heuristic for hub-and-spoke system design with capacity selection and congestion", *INFORMS Journal on Computing*, vol. 22(2), pp. 282–296, 2010.
12. Ishfaq, R., LTL logistics networks with differentiated services", *Computers & Operations Research*, vol. 39(11), pp. 2867–2879, 2012.
13. Zäpfel, G. and Wasner, M., Planning and optimization of hub-and-spoke transportation networks of cooperative third-party logistics providers", *International Journal of Production Economics*, vol.78(2), pp. 207–220, 2002.
14. Van Wassenhove LN. Humanitarian aid logistics: supply chain management in high gear. *Journal of Operational Research Society*, vol. 57, pp. 475 -489, 2006.

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