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Toward BIM-Enabled Decision Making for In-Building Response Missions

Article in IEEE Transactions on Intelligent Transportation Systems · April 2015

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Abstract

Decision making for rescue and evacuation is critical for disaster response operations not only in open spaces but also in buildings. For infrastructures with large and complex geometrical layouts, decision making could be facilitated with computer-aided approaches for better accuracy and efficiency. This paper aims to respond to fire in buildings. We combined network analysis with building information modeling (BIM) to facilitate the decision making for response operations.... [+](#)



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