

Socio-Economic Impacts of Urban Flood in Sharjah City



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Research Abstract

This research aims to explore the socio-economic impacts of urban floods in Sharjah City, and proposes sustainable solutions that can be integrated with the urban development schemes. Urban floods became a repetitive phenomenon disturbing major sectors in the community, and causing significant tangible and intangible losses. The research attempts to diagnose the causative factors of urban floods in Sharjah City, and proposes suitable solutions to enhance the performance of local entities in dealing with flood events based on data analysis supported by interactive GIS Database created for the purpose of this research. Moreover, the feasibility of stormwater drainage projects will be evaluated based on Cost-Benefit Analysis. Therefore, the research will support the enhancement of community's welfare and economic environment using Disaster Risk Reduction Framework (DRR).

Supervisors

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