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Urban Sustainable Development with Flood Crisis Management Approach

Authors: Ali Liaghat, Navid Tavanpour, Nima Tavanpour

Abstract: An increase in population and prevalence of urbanity have led plan makers and decision makers put effort into sustainable development of cities at national and local levels. One of the important issues in urban development is compliance with safety issues in cities. Despite natural disasters and unexpected events such as floods, earthquakes, hurricanes, fires, etc., urban development should be regarded as an axiom, or else any form of construction and development is not safe, because it will greatly harm economic growth and development and pose an obstacle to achieving sustainable development, plus a loss to lives and finances of people. Therefore, in line with urban development, it is necessary to identify particular environmental and local issues as determinants and pay attention to them at the top of everything, in that we can call it a good action and factor in urban sustainable developments. Physical structure of each city represents how it has developed or its development shaped and what incidents, changes, natural disasters it has undergone over time. Since any form of development plan should be in accordance with the previous situations of cities, disregarding it, unfortunately, can escalate into uncontrolled urban development, non-resistant and unstable construction against earthquake or invasion of river areas, destruction of agricultural lands or vegetation, periodic floods over time. It has been viewed as serious threats to developing cities, and typically caused destruction of bed and other urban facilities as well as damages to lives and finances. In addition, uncontrolled development has caused cities to look ugly in terms of urban façade, and off and on such unplanned measures caused the country to face countless losses, and it not only vitiates expenses incurred, but it will also impose additional costs of reconstruction, i.e. it is unsustainable development. Thus, in this paper, in addition to a discussion about necessity for a profound attitude toward this subject and making long-term plans, programs for organizing river and its surrounding area, creating open and green urban spaces, retrofitting and flood preventing are presented for sustainable safety and development of cities along with a critique of successful countries.

Keywords: flood, sustainable development, urbanisation, urban management

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