

A Hazard Map for Expansive Soils of Trinidad

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Abstract

Natural hazards such as earthquakes, landslides, flooding, hurricanes, etc., which are dynamic in nature are a challenge to the Civil Engineers. However, there is yet another natural hazard which is not dynamic but more disastrous to light structures, namely, the behavior of expansive soils. Minimising or eliminating the effects of natural hazards can be achieved by proper land use planning with the aid of hazard maps. In this paper, engineering problems of expansive soil are briefly described and a hazard map for expansive soils of Trinidad is presented and its relevance discussed in relation to better land use planning.