

EMERGENCY EVACUATION PLAN FOR THRISSUR IN THE CONTEXT OF THRISSUR POORAM

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Abstract

Mass Gatherings always present a risk of mass casualty incidents which may come in the form of Terrorist attacks, stampedes, fire related incidents, structural collapse, etc. Thrissur Pooram which is one of largest singular mass gathering events in India witnesses an inflow of over 10 Lakh people. Insufficient crowd accessibility, shortage of infrastructure and lack of planning mechanisms in these events result in uncontrolled crowding to which the slightest variable can cause huge damage in the form of significant population and financial losses. From the standpoint of readiness, huge gatherings have characteristics such as the potential for delays in possible emergency situations, which may be induced by the environment and location, or limited access to patients. Mass crowds can also put a strain on health-care systems, particularly EMS and hospital emergency rooms.

Establishing a scientific and effective plan to manage the crisis and reduce losses as much as possible has become critical. The primary goal of the study is to prepare a mass gathering crisis management plan is to evacuate as many victims as possible in the shortest amount of time. In order to prevent as many losses as possible, there has been an increasing necessity for the utilization of information and decision-making systems in evacuation planning as part of emergency management. To minimise damage, an accurate and effective evacuation strategy that provides multiple escape paths while taking into account environmental factors, changing road conditions, availability of social infrastructure, etc in a short amount of time is essential. This study will serve as a manual in the field of Urban Studies to create smart and resilient cities

Keywords: Mass Gatherings, Emergency Evacuation, Urban Resilience