

ABSTRACT

Well-managed and efficient logistics is at the Centre of any disaster response. Humanitarian Logistics is the backbone of the disaster management process and the main role of humanitarian logistics in post-disaster management is relief aid services to the convince parties, but these are called in to question by various factors. Therefore, this study examines the impact of Assessment, Social, Infrastructure, Coordination, Relief, and Strategic on the performance of the HL operations in the post disaster situation of Samasara kanda landslide. A sample of 57 executive members of NGOs was selected based on a convening sampling technique. The Questionnaire survey method and interview method were applied to collect data for the study. A reliability test was conducted to measure the reliability of the measurements. The data analysis was conducted by utilizing a multiple linear regression model using Statistical Package for Social Sciences' (SPSS). Frequency tables, and pie charts, were used to depict the result of the study. The study found that 'strategic plan' was the most influencing factor for the humanitarian logistics performance during the post disaster situations in Sri Lanka.

Keywords: *Humanitarian Logistics, Logistics Management, Catastrophic Event, Post Disaster Management, HL Performances*