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ABSTRACT

Creating effective services is an important part in the logistics system in the Sri Lankan Army. At the same time environmental issues have become an essential part of military and therefore it poses a challenge for logistician and researchers to explore the integration of environmental concepts in logistics operation in the Army. Past researches focused on various fields in the logistics system and it was only very recently that environmental topic was gradually given importance.

This research is “Enhancing green logistics in transportation systems in Sri Lankan Army; study reference to security force headquarters West (Panagoda)”. Green logistics is a new concern and it is important for everywhere in the world; but in the developing country, still there is gap to develop the green logistics. To identify this gap, this research study focused on the transportation systems in Sri Lankan Army.

Aim of this study is to find out the possibilities and factors effects to enhancing green logistics in the Sri Lankan Army transportation system. The method used to achieve the objective of this dissertation is a quantitative approach and data was collected through structured questionnaire. Factors identified to discussed are decision making, financial, environmental, organizational and technological.

This study used the primary and the secondary data, the primary data was driven from the survey questionnaire and the secondary data was driven from the journal's articles, books and the suitable websites. The primary survey data has been analysed through SPSS and relationship was identified between independent and the dependent variable through the findings, there were recommendation proposed for the future research study.

Keywords Green logistics practices, Environment sustainability, Decision making, Technology, Organization, Financial.