

Status and Proposed Models of Backhauling System in Thailand

Authors : Tarathorn Podcharathitikull, Jirarat Teeravaraprug

Abstract : Transportation cost is the highest cost in logistics cost of Thailand, and truck transportation is counted as about 90% of the overall transportation cost. The main problem of truck transportation is backhauling. Backhauling has become an attractive cost-saving approach in logistics. To explore such opportunities, this paper investigated the current backhauling systems in Thailand. It was found that the backhauling problem is attracted to both governmental agencies and private sector. They gave attempts to build backhauling systems. This paper investigated two systems built by governmental agencies and one by private sector. Moreover, based on the interviews with the system representatives and users, pros and cons of the systems were found. The obstacles and challenges were obtained. This paper finally proposed a conceptual model of to-be backhauling system in Thailand.

Keywords : backhauling system, backhauls, interview, Thailand

Conference Title : ICIET 2016 : International Conference on Industrial Engineering and Technology

Conference Location : Venice, Italy

Conference Dates : July 18-19, 2016