

## ABSTRACT

Logistics is a significant part of supply chain management. Supervision of cost reduction becomes a major concern in a highly competitive market especially with regard to transportation. Air and ocean are the priority modes of international transportation. The shipment, amongst air and ocean transport, moves from one place to another place under the term of lead time and expenses while the alternative mode of international transportation is road or cross border transportation. The cost efficiency and lead time are not only considered but other factors such as transportation route, transportation capability are also affected to the user's decision.

Since 1992, the members of the Greater Mekong Subregion collaborate in the routing development along the basin of Mekong river. Hence, the study would like to present this route particularly the transportation from Bangkok, Thailand to Shenzhen, China. Since China is the big commercial market currently. This study also proposes the information of general background and handling process of air transport, ocean transport, and road transport. Therewithal, transportation route, capability, lead time, and cost of transportation are picked up by pointing out the advantages and disadvantages of each mode.

The comparisons among three modes of transportation would answer the question about the benefits and shortcomings of the GMS cross border freight transportation (by road) related to ocean and air transportation.