

The Hong Kong Polytechnic University
Department of Logistics and Maritime Studies
Research Seminar

The Moderating Effect of Safety Climate on Leader-Member Exchange, Safety Commitment and Safety Behavior in Container Shipping Operations

by

Mr WENG Hsiang-kai
PhD Student
Department of Logistics and Maritime Studies
The Hong Kong Polytechnic University

Date: 19 May 2016 (Thursday)
Time: 10:30am - 11:30am
Venue: M103, Li Ka Shing Tower
The Hong Kong Polytechnic University

(Conducted in English)

Abstract:

The objective of this research is to investigate the relationships between leader-member exchange (LMX), safety climate, safety commitment, and safety behavior in container shipping operations. This research seeks to extend the previous research on safety area by the application of the theory of LMX. Using data collected from a survey of seafarers in container ships and stevedores in container terminals, the relationships among the constructs in the model will be tested, namely: LMX quality, safety climate, safety commitment, and safe behavior. A structural equation model will be conducted. This study predicts that LMX quality, safety climate, and safety commitment will be positively related to employees' safety behaviors, whereas LMX quality and safety climate will be positively related to safety commitment. Specifically, this study also predicts that the moderating role of safety climate on the relationships between LMX quality, safety commitment, and safety behavior. That is, safety climate will strengthen the relationships between LMX quality and safety commitment, as well as LMX quality and safety behavior. Safety climate will foster employees' safety behaviors as experienced by seafarers in container vessels and stevedores in container terminal operations when safety climate is high rather than low. The theoretical and practical implications of the research findings in container shipping safety are discussed.

Bio:

Kyle received his BEng in Electrical Engineer from California State Polytechnic University, and EMBA in Shipping and Transportation Management from National Taiwan Ocean University. He is currently a PhD student under the supervision of Prof. Chin-Shan Lu, Dr. Venus LUN and Dr. Mike LAI.

Please email to irene.lam@polyu.edu.hk for enquiries.

All are welcome!