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### **Construction safety in Thailand: Statistical records analysis**

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Thailand's national statistical report indicates that construction is the most dangerous work. Construction industry has the largest number of fatalities and injuries. The purpose of this research is to examine the safety climate and work system characteristics in construction site environments in Thailand. Findings from statistical analysis of construction accidents show major factors affecting workers' behaviors that can lead to incidents and accidents. Practical implications from this research for preventing major causes of construction accidents are discussed. This research can benefit workers, contractors, and owners by providing them with the importance of the role of organizational management, workers' involvement, and supportive environments to achieve better safety performance.

#### **Biography**

Chaiporn Vongpaisal is a Lecturer in the Department of Material Handling and Logistics Engineering, Faculty of Engineering, King Mongkut's University of Technology North Bangkok, Thailand. He received a MEng in Industrial Engineering from Chulalongkorn University in 1987. His research interests are in the areas of human factors engineering/ergonomics and supply chain management.

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