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# Proposing a Conceptual Model for Critical Success Factors Influencing Organizations' Safety by Interpretive Structural Modelling

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#### Abstract

Safety programs and systems can improve the organizational safety in the context of safety. These programs can not only provide a safe condition for employees' activities but also can assist managers to upgrade safety level, prevent accidents. Moreover, mutual collaboration between managers and employees in safety programs can lead to safety culture improvement. In this study, critical success factors which influence successful implementation of safety programs are analyzed. Thus, these factors are classified using interpretive structural modelling. In addition, the relationship of these factors with each other are determined.

#### Keywords

Critical Success Factors, Safety Culture, Organizations' Safety and Interpretive Structural Modelling.

## **Biographies**

**Hadi Shirouyehzad** graduated in Iran with BS and MS in Industrial Engineering in 1999 and 2002, respectively. He is a PhD candidate of Industrial Engineering at Research and Science Branch, Islamic Azad University, Tehran, Iran. Currently, he is a faculty member of Industrial Engineering Department of Islamic Azad University of Najafabad. He is the author of two books and more than 60 published papers at national and international levels in refereed journals and conferences since 2003.

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