

A Comparative Analysis of Safety Orientation and Safety Performance in Organizations: A Project Management Perspective

Authors : Dina Alfrehat, Zoltan Sebestyen

Abstract : Safety is considered as one of the project's success factors. Poor safety management may result in accidents that impact human, economic, and legal issues. Therefore, it is necessary to consider safety and health as a project success factor along with other project success factors, such as time, cost, and quality. Organizations have a knowledge deficit of the implementation of long-term safety practices, and due to cost control, safety problems tend to receive the least priority. They usually assume that safety management involves expenditures unrelated to production goals, thereby considering it unnecessary for profitability and competitiveness. The purpose of this study is to introduce, analysis and identify the correlation between the orientation of the public safety procedures of an organization and the public safety standards applied in the project. Therefore, the authors develop the process and collect the possible mathematical-statistical tools supporting the previously mentioned goal. The result shows that the adoption of management to safety is a major factor in implementing the safety standard in the project and thereby improving safety performance. It may take time and effort to adopt the mindset of safety orientation service development, but at the same time, the higher organizational investment in safety and health programs will contribute to the loyalty of staff to safety compliance.

Keywords : project management perspective, safety orientation, safety performance, safety standards

Conference Title : ICCPMP 2021 : International Conference on Construction and Project Management Plan

Conference Location : Amsterdam, Netherlands

Conference Dates : May 13-14, 2021