

Construction safety informatics

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Abstrak

This book examines construction safety from the perspective of informatics and econometrics. It demonstrates the potential of employing various information technology approaches to share construction safety knowledge. In addition, it presents the application of econometrics in construction safety studies, such as an analytic hierarchy process used to create a construction safety index. It also discusses structure equation and dynamic panel models for the analysis of construction safety claims. Lastly, it describes the use of mathematical and econometric models to investigate construction practitioners safety.