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Project risk management using multiple criteria decision-making technique and decision tree analysis: a case study of Indian oil refinery

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Abstra

This stu ement of project r d decision tree ana rough thoro arch on a petro er to demonst ecause of technica lders and strict en been research g. In the propose nalysed using th risk map. Additionally, decision tree analysis allows modelling various options for risk response

development and optimises selection of risk mitigating strategy. The proposed risk management framework could be easily adopted and applied in any project and integrated with other project management knowledge areas.

Keywords:

risk management | cause and effect diagram | the analytic hierarchy process | decision tree | oil refinery construction project

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