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Production Planning & Control > The Management of Operations Volume 23, 2012 - <u>Issue 12</u>

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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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Pages 903-921 | Received 07 Oct 2010, Accepted 03 May 2011, Published online: 06 Jul 2011

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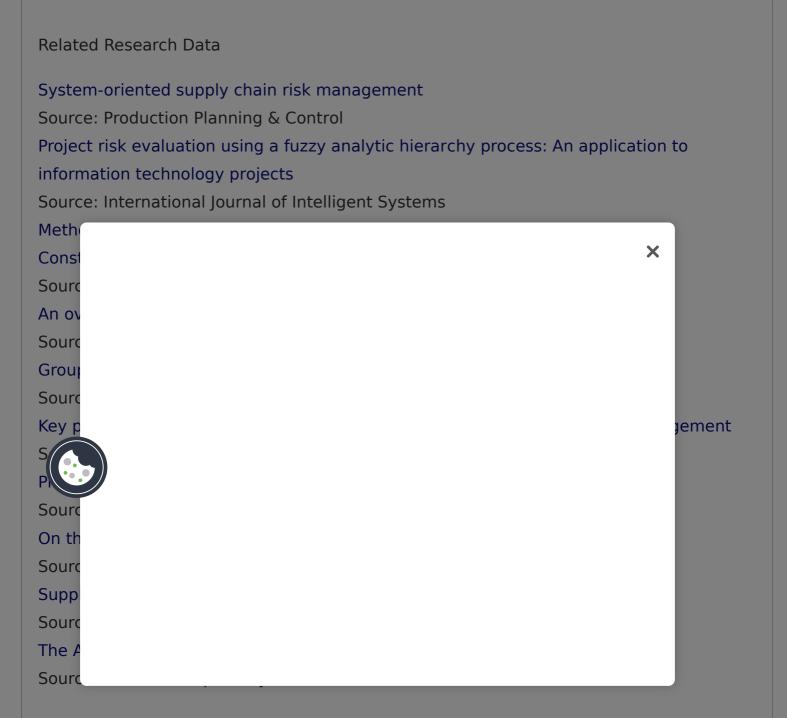
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proposed framework, risks are identified using cause and effect diagram, analysed

using the analytic hierarchy process and responses are developed using the 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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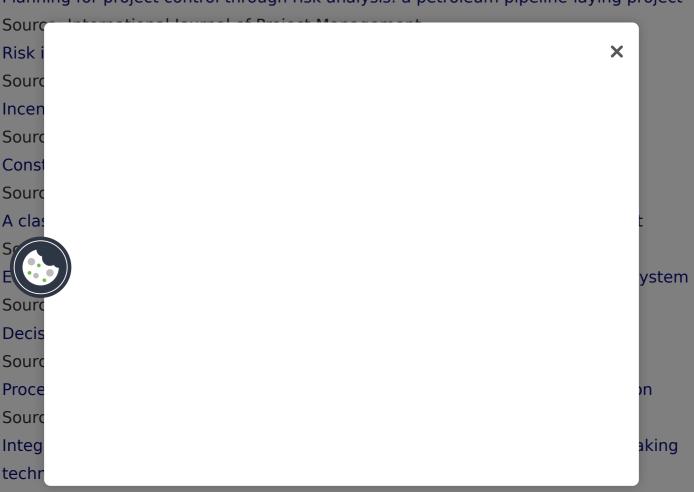
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