

Supplementary Materials

Table S1. Systematic literature review database.

| First Author | First Author Country | Title | Journal | Year | Quartile |
|------------------------|----------------------|---|--|------|----------|
| Chapman, R.J. | UK | Exploring the Value of Risk Management for Projects: Improving Capability Through the Deployment of a Maturity Model | IEEE Engineering Management Review | 2019 | Q3 |
| Javani, B. | South Africa | Risk management in IT projects - a case of the South African public sector | International Journal of Managing Projects in Business | 2016 | Q1 |
| Bowers, J. | UK | Integrating risk management in the innovation project | European Journal of Innovation Management | 2014 | Q2 |
| Shimizu, T. | Japan | Project managers for risk management: Case for Japan | Benchmarking | 2012 | Q2 |
| Besner, C. | Canada | The paradox of risk management; a project management practice perspective | International Journal of Managing Projects in Business | 2012 | Q1 |
| Sanchez, H. | Canada | Risk management applied to projects, programs, and portfolios | International Journal of Managing Projects in Business | 2009 | Q1 |
| Kutsch, E. | UK | The effect of intervening conditions on the management of project risk | International Journal of Managing Projects in Business | 2008 | Q1 |
| McShea, M. | USA | IT value management: Creating a balanced program | IT Professional | 2006 | Q2 |
| Ellis, R.C.T. | UK | Value management practices of leading UK cost consultants | Construction Management and Economics | 2005 | Q1 |
| Lima, P.F.A. | Italy | Project risk management implementation in SMEs: A case study from Italy | Journal of Technology Management and Innovation | 2019 | Q3 |
| Hartono, B. | Indonesia | The impact of project risk management maturity on performance: Complexity as a moderating variable | International Journal of Engineering Business Management | 2019 | Q3 |
| Rabechini Junior, R.R. | Brazil | Understanding the impact of project risk management on project performance: An empirical study | Journal of Technology Management and Innovation | 2013 | Q3 |
| Wang, J. | Taiwan | A performance-oriented risk management framework for innovative R&D projects | Technovation | 2010 | Q1 |
| Kloss-Grote, B. | Germany | How to measure the effectiveness of risk management in engineering design projects? Presentation of RMPASS: a new method for assessing risk management performance and the impact of knowledge management-including a few results | Research in Engineering Design | 2008 | Q1 |
| Sato, C.E.Y. | UK | Value co-creation in the management of projects delivering integrated solutions: The case of BT Global Services in the UK | International Journal of Project Organisation and Management | 2018 | Q3 |

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| Male, S. | UK | Managing value as a management style for projects | International Journal of Project Management | 2007 | Q1 |
| Winter, M. | UK | Directions for future research in project management: The main findings of a UK government-funded research network | International Journal of Project Management | 2006 | Q1 |
| Liu, Y. | Netherlands | The co-creation of values-in-use at the front end of infrastructure development programs | International Journal of Project Management | 2019 | Q1 |
| Giacomarra, M. | Italy | Stakeholder engagement toward value co-creation in the F&B packaging industry | EuroMed Journal of Business | 2019 | Q2 |
| Andersen, E.S. | Norway | Value creation using the mission breakdown structure | International Journal of Project Management | 2014 | Q1 |
| Winter, M. | UK | Projects and programmes as value creation processes: A new perspective and some practical implications | International Journal of Project Management | 2008 | Q1 |
| Lee, O.K.D. | USA | Managing dynamic risks in global IT projects: Agile risk-management using the principles of service-oriented architecture | International Journal of Information Technology and Decision Making | 2013 | Q1 |
| Iyer, K.C. | India | Understanding the role of contractor capability in risk management: a comparative case study of two similar projects | Construction Management and Economics | 2020 | Q1 |
| Soares, R.A. | Brazil | W4RM: A prescriptive framework based on a wiki to support collaborative risk management in information technology projects | International Journal of Information Systems and Project Management | 2020 | Q2 |
| Tavares, B.G. | Brazil | Risk management analysis in Scrum software projects | International Transactions in Operational Research | 2019 | Q1 |
| Makarenko, Y. | Ukraine | Strategic risks management in implementation of it projects | Academy of Strategic Management Journal | 2019 | Q2 |
| Breese, R. | UK | The project sponsor role and benefits realisation: More than 'just doing the day job' | International Journal of Project Management | 2020 | Q1 |
| Hoseini, E. | Netherlands | Developing a generic risk maturity model (GRMM) for evaluating risk management in construction projects | Journal of Risk Research | 2019 | Q1 |
| Serpell, A.F. | Chile | Measuring the performance of project risk management: a preliminary model | Organization Technology and Management in Construction | 2019 | NA |
| Zwikaël, O. | Australia | The responsibilities of the project owner in benefits realization | International Journal of Operations & Production Management | 2019 | Q1 |
| Ahmadi-Javid, A. | Iran | A Method for Risk Response Planning in Project Portfolio Management | Project Management Journal | 2020 | Q2 |

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|-------------------|----------------|--|--|------|----|
| Keshk, A.M. | Egypt | Special studies in management of construction project risks, risk concept, plan building, risk quantitative and qualitative analysis, risk response strategies | Alexandria Engineering Journal | 2018 | Q1 |
| Fernando, Y. | Malaysia | Managing project success using project risk and green supply chain management: A survey of automotive industry | International Journal of Managing Projects in Business | 2018 | Q1 |
| Zhang, Y.J. | China | Effects of risks on the performance of business process outsourcing projects: The moderating roles of knowledge management capabilities | International Journal of Project Management | 2018 | Q1 |
| Toth, Z. | UK | Tension in a value co-creation context: A network case study | Industrial Marketing Management | 2018 | Q1 |
| Li, J. | China | Traffic Allocation Mode of PPP Highway Project: A Risk Management Approach | Advances in Civil Engineering | 2018 | Q3 |
| Jafari, M. | Iran | Development and evaluation of a knowledge risk management model for project-based organizations: A multi-stage study | Management Decision | 2011 | Q1 |
| Pimchangthong, D. | Thailand | Effects of Risk Management Practices on IT Project Success | Management and Production Engineering Review | 2017 | Q2 |
| Firmenich, J. | Switzerland | Customisable framework for project risk management | Construction Innovation | 2017 | Q1 |
| Shrivastava, S.V. | Australia | A risk management framework for distributed agile projects | Information and Software Technology | 2017 | Q1 |
| Willumsen, P. | Denmark | Value creation through project risk management | International Journal of Project Management | 2019 | Q1 |
| Hwang, B.G. | Singapore | Value Management in Singaporean Building Projects: Implementation Status, Critical Success Factors, and Risk Factors | Journal of Management in Engineering | 2015 | Q1 |
| Dandage, R.V. | India | Strategy development using TOWS matrix for international project risk management based on prioritization of risk categories | International Journal of Managing Projects in Business | 2019 | Q3 |
| Crispim, J. | Portugal | Project risk management practices: the organizational maturity influence | International Journal of Managing Projects in Business | 2019 | Q3 |
| Choi, J. | USA | Team Integration and Owner Satisfaction: Comparing Integrated Project Delivery with Construction Management at Risk in Health Care Projects | Journal of Management in Engineering | 2019 | Q1 |
| Doskocil, R. | Czech Republic | Risk Management and Knowledge Management as Critical Success Factors of Sustainability Projects | Sustainability | 2018 | Q2 |
| Fernando, Y. | Malaysia | Managing project success using project risk and green supply chain management A survey of automotive industry | International Journal of Managing Projects in Business | 2018 | Q3 |
| Furlong, C. | Australia | Risk management, financial evaluation and funding for | Journal of Environmental Management | 2017 | Q1 |

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| | | wastewater and stormwater reuse projects | | | |
| Kim, M. | South Korea | International Project Risk Management for Nuclear Power Plant (NPP) Construction: Featuring Comparative Analysis with Fossil and Gas Power Plants | Sustainability | 2017 | Q2 |
| Santos, S.M.G. | Brazil | Risk management in petroleum development projects: Technical and economic indicators to define a robust production strategy | Journal of Petroleum Science and Engineering | 2017 | Q1 |
| Zou, Y. | UK | Developing a tailored RBS linking to BIM for risk management of bridge projects | Engineering Construction and Architectural Management | 2016 | Q3 |
| Lee, H.W. | USA | Energy-Related Risk Management in Integrated Project Delivery | Journal of Construction Engineering and Management | 2013 | Q1 |
| Perrenoud, A. | USA | Using Best-Value Procurement to Measure the Impact of Initial Risk-Management Capability on Qualitative Construction Performance | Journal of Management in Engineering | 2017 | Q1 |
| Rohaninejad, M. | Iran | Application of Risk Analysis Within Value Management: A Case Study in DAM Engineering | Journal of Civil Engineering and Management | 2013 | Q2 |
| Chen, Y.S. | Taiwan | A study for project risk management using an advanced MCDM-based DEMATEL-ANP approach | Journal of Ambient Intelligence and Humanized Computing | 2019 | Q3 |
| van Popering-Verkerk, J. | Netherlands | Developing collaborative capacity in pilot projects: Lessons from three Dutch flood risk management experiments | Journal of Cleaner Production | 2017 | Q1 |
| Shojaei, P. | Iran | Development of supply chain risk management approaches for construction projects: A grounded theory approach | Computers & Industrial Engineering | 2019 | Q1 |
| Zaveckaite, A. | Lithuania | Assessment Criteria of Project Risk Management in Language Translation Service Companies | Technological and Economic Development of Economy | 2018 | Q2 |
| Zou, Y. | UK | Retrieving similar cases for construction project risk management using Natural Language Processing techniques | Automation in Construction | 2017 | Q1 |
| Zhao, X. | Singapore | Construction project risk management in Singapore: Resources, effectiveness, impact, and understanding | KSCE Journal of Civil Engineering | 2014 | Q3 |
| Hwang, B.G. | Singapore | Risk management in small construction projects in Singapore: Status, barriers and impact | International Journal of Project Management | 2014 | Q1 |
| Moeini, M. | UK | Sublating Tensions in the IT Project Risk Management Literature: A Model of the Relative Performance of Intuition and Deliberate Analysis for Risk Assessment | Journal of the Association for Information Systems | 2019 | Q1 |
| Shokri, S. | Canada | Interface-management process for | Journal of Construction | 2016 | Q1 |

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| | | managing risks in complex capital projects | Engineering and Management | | |
| Liu, S. | China | How the user liaison's understanding of development processes moderates the effects of user-related and project management risks on IT project performance | Information & Management | 2016 | Q1 |
| De Carvalho, M.M. | Brazil | Impact of risk management on project performance: the importance of soft skills | International Journal of Production Research | 2015 | Q1 |
| Liu, J. | China | The effects of project uncertainty and risk management on IS development project performance: A vendor perspective | International Journal of Project Management | 2011 | Q1 |
| Badewi, A. | UK | The impact of project management (PM) and benefits management (BM) practices on project success: Towards developing a project benefits governance framework | International Journal of Project Management | 2016 | Q1 |
| Martinsuo, M. | Finland | Change program management: Toward a capability for managing value-oriented, integrated multi-project change in its context | International Journal of Project Management | 2018 | Q1 |
| Surlan, N. | Serbia | Use of Value Management Workshops and Critical Success Factors in Introducing Local Experience on the International Construction Projects | Journal of Civil Engineering and Management | 2016 | Q2 |
| Qazi, A. | Scotland | Project Complexity and Risk Management (ProCRiM): Towards modelling project complexity driven risk paths in construction projects | International Journal of Project Management | 2016 | Q1 |
| Mir, F.A. | United Arab Emirates | Exploring the value of project management: Linking Project Management Performance and Project Success | International Journal of Project Management | 2014 | Q1 |
| Shi, Q. | China | Rethinking the implementation of project management: A Value Adding Path Map approach | International Journal of Project Management | 2011 | Q1 |
| Neap, H.S. | Turkey | Owner's factor in value-based project management in construction | Journal of Business Ethics | 2004 | Q1 |
| Svejvig, P. | Denmark | The Danish agenda for rethinking project management | International Journal of Managing Projects in Business | 2016 | Q3 |
| Andersen, E.S. | Norway | Do project managers have different perspectives on project management? | International Journal of Project Management | 2016 | Q1 |
| Serra, C.E.M. | UK | Benefits Realisation Management and its influence on project success and on the execution of business strategies | International Journal of Project Management | 2015 | Q1 |
| Voss, M. | Germany | Impact of customer integration on project portfolio management and its success-Developing a conceptual framework | International Journal of Project Management | 2012 | Q1 |
| Chih, Y.Y. | Australia | Enhancing value co-creation in professional service projects: The roles of professionals, clients and their effective interactions | International Journal of Project Management | 2019 | Q1 |

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| Green, S.D. | UK | Value creation in projects: Towards a narrative perspective | International Journal of Project Management | 2019 | Q1 |
| Fuentes, M. | UK | Co-creation of value outcomes: A client perspective on service provision in projects | International Journal of Project Management | 2019 | Q1 |
| Pargar, F. | Finland | Value creation dynamics in a project alliance | International Journal of Project Management | 2019 | Q1 |
| Laursen, M. | Denmark | Programming for holistic value creation: collaboration, coordination and perception | International Journal of Managing Projects in Business | 2019 | Q3 |
| Lehtinen, J. | Finland | Megaprojects as organizational platforms and technology platforms for value creation | International Journal of Project Management | 2019 | Q1 |
| Hwang, B.G. | Singapore | Project network management: risks and contributors from the viewpoint of contractors and sub-contractors | Technological and Economic Development of Economy | 2016 | Q2 |
| Heredia Rojas, B. | Australia | Moderated effect of value co-creation on project performance | International Journal of Managing Projects in Business | 2018 | Q3 |
| Smyth, H. | UK | Co-creation of value and the project context: Towards application on the case of Hinkley Point C Nuclear Power Station | International Journal of Project Management | 2018 | Q1 |
| Yan, T. | USA | Do what and with whom? Value creation and appropriation in inter-organizational new product development projects | International Journal of Production Economics | 2017 | Q1 |
| Hjelmbrekke, H. | Norway | Governing value creation in construction project: a new model | International Journal of Managing Projects in Business | 2017 | Q3 |
| Matinheikki, J. | Finland | Managing inter-organizational networks for value creation in the front-end of projects | International Journal of Project Management | 2016 | Q1 |
| Laursen, M. | Denmark | Taking stock of project value creation: A structured literature review with future directions for research and practice | International Journal of Project Management | 2016 | Q1 |
| Artto, K. | Finland | From the front end of projects to the back end of operations: Managing projects for value creation throughout the system lifecycle | International Journal of Project Management | 2016 | Q1 |
| Murthy, C. | India | An empirical investigation of the antecedents of value co-creation in B2B IT services outsourcing | Business Process Management Journal | 2016 | Q3 |
| Chang, A. | Australia | Reconceptualising mega project success in Australian Defence: Recognising the importance of value co-creation | International Journal of Project Management | 2013 | Q1 |
| Cárdenas, I.C. | Netherlands | Using prior risk-related knowledge to support risk management decisions: Lessons learnt from a tunneling project | Risk Analysis | 2014 | Q1 |
| Shimizu, T. | Japan | Project managers and risk management: A comparative study between Japanese and Korean firms | International Journal of Production Economics | 2014 | Q1 |
| Martinsuo, M. | Finland | Value Management in Project Portfolios: Identifying and Assessing Strategic Value | Project Management Journal | 2014 | Q2 |

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| Mu, S.Y. | China | Assessing risk management capability of contractors in subway projects in mainland China | International Journal of Project Management | 2014 | Q1 |
| Teller, J. | Germany | Risk Management in Project Portfolios Is More Than Managing Project Risks: A Contingency Perspective on Risk Management | Project Management Journal | 2014 | Q2 |
| Kutsch, E. | UK | Bridging the risk gap: the failure of risk management in information systems projects | Research-Technology Management | 2014 | Q3 |
| Marcelino-Sadaba, S. | Spain | Project risk management methodology for small firms | International Journal of Project Management | 2014 | Q1 |
| Neves, S.M. | Brazil | Risk management in software projects through Knowledge Management techniques: Cases in Brazilian Incubated Technology-Based Firms | International Journal of Project Management | 2014 | Q1 |
| Teller, J. | Germany | An empirical investigation on how portfolio risk management influences project portfolio success | International Journal of Project Management | 2013 | Q1 |
| Osipova, E. | Sweden | Balancing control and flexibility in joint risk management: Lessons learned from two construction projects | International Journal of Project Management | 2013 | Q1 |
| De Bakker, K. | Netherlands | Risk managements' communicative effects influencing IT project success | International Journal of Project Management | 2012 | Q1 |
| Krane, H.P. | Norway | How project manager-project owner interaction can work within and influence project risk management | Project Management Journal | 2012 | Q1 |
| Taylor, H. | USA | Information technology project risk management: bridging the gap between research and practice | Journal of Information Technology | 2012 | Q1 |
| Papadopoulos, T. | UK | The criticality of risk factors in customer relationship management projects | Project Management Journal | 2012 | Q2 |
| Osipova, E. | Sweden | How procurement options influence risk management in construction projects | Construction Management and Economics | 2011 | Q1 |
| De Bakker, K. | Netherlands | Risk Management Affecting IS/IT Project Success Through Communicative Action | Project Management Journal | 2011 | Q1 |
| Zwikaël, O. | Australia | The Effectiveness of Risk Management: An Analysis of Project Risk Planning Across Industries and Countries | Risk Analysis | 2011 | Q1 |
| Gil, N. | UK | Project risk management and design flexibility: Analysing a case and conditions of complementarity | Research Policy | 2011 | Q1 |
| de Bakker, K. | Netherlands | Does risk management contribute to IT project success? A meta-analysis of empirical evidence | International Journal of Project Management | 2010 | Q1 |
| Kutsch, E. | UK | Deliberate ignorance in project risk management | International Journal of Project Management | 2010 | Q1 |

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| Doloi, H. | Australia | Relational partnerships: The importance of communication, trust and confidence and joint risk management in achieving project success | Construction Management and Economics | 2009 | Q1 |
| Kutsch, E. | UK | The Rational Choice of Not Applying Project Risk Management in Information Technology Projects | Project Management Journal | 2009 | Q2 |
| Taylor, H. | USA | Congruence between risk management theory and practice in Hong Kong vendor-driven IT projects | International Journal of Project Management | 2005 | Q1 |