

Factors That Influence Project Resilience: A Literature Review and Bibliometric Study

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Abstract

Projects as part of an organization's value delivery system have gone through a challenging time. Some have failed, and others have performed despite the turbulent environment. The purpose of this study is to explore factors that influence, build or impact project resilience in organizations from various industries. A systematic review and a bibliometric study are conducted on recent research throughout 2019 – 2022. The study will identify factors that relate to project resilience in the context of recent turbulent environment, the pandemic and consequent global economic slowdown.

A systematic literature review is conducted on past research, complemented with a bibliometric study to further identify emerging or trending keywords that may serve as signals of a potential future study in project resilience, or organizational resilience.

There has been an increasing trend in research in project resilience. Based on the literature review, researchers are still far from agreeing to factors that build, affect, and influence resilience. Past empirical studies have shown relationship between resilience and project performance, others investigate the impact of numerous factors that influence project resilience. A network visualization was performed based on keywords in the articles to show ones with significance such as project management, construction management, human resources management, against less significant ones such as error mastery, knowledge management.

The study examines Scopus-indexed articles that relate to project resilience published from 2019 – 2022 to have a more focused view of the recent disruption and to see how that has affected research in project resilience.

Keywords

project management, project resilience, resilience, systematic review, bibliometric

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Asnan Furinto is a Faculty Member at DRM Program, Binus Business School. His research interests are in the area of Marketing Strategy, Innovation Management, and Quantitative Analysis. Asnan has published more than 25 articles in Scopus indexed journals. He has also been serving as Board of Reviewers in ASEAN Marketing Journal and Southeast Asian Journal of Management, published by Faculty of Business and Economics, University of Indonesia. Prior to joining academia, Asnan was a practitioner in marketing operations field and was stationed overseas (Singapore, Malaysia, UAE) for several years before returning to Indonesia. He holds a bachelor's degree in engineering from ITB, MBA from Monash University, Australia, and Doctor in Management from University of Indonesia.

Dr. Rano Kartono, B.I.T., M. Buss (MIS), CERA is Head of AoKi -Entrepreneur and Innovation of Doctor of Research in Management program at the University of Bina Nusantara. He earned Bachelor of Information Technology from Charles Sturt University, Australia in 2002, Master of Business (Management Information System) from University of South Australia, Australia in 2004, and Doctor of Research in Management (Entrepreneurship and Innovation) from University of Bina Nusantara, Indonesia in 2012. He has been recognized as entrepreneur and managing directors of few companies for more than 15 years before joined University of Bina Nusantara as faculty member in 2017. He has taught course in theory of entrepreneurship, digital analytic in business, digital business and management, design thinking and e-business and entrepreneurial strategy. He has published journal and conference paper. His research interest includes start up business, digital business, entrepreneurship, and innovation.