

Construction Management and Economics >

Volume 27, 2009 - Issue 4

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Improving qualifications-based selection by use of the fuzzy Delphi method

Odysseus George Manoliadis , John-Paris Pantouvakis & Symeon E. Christodoulou Pages 373-384 | Received 15 Jul 2008, Accepted 18 Jan 2009, Published online: 20 May 2009

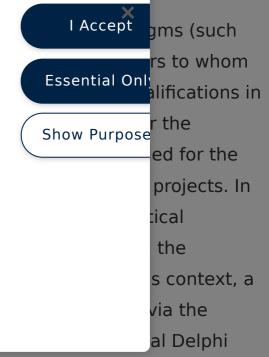
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Abstract

Among prevailing contract-awarding paradigms, the qualifications-based selection

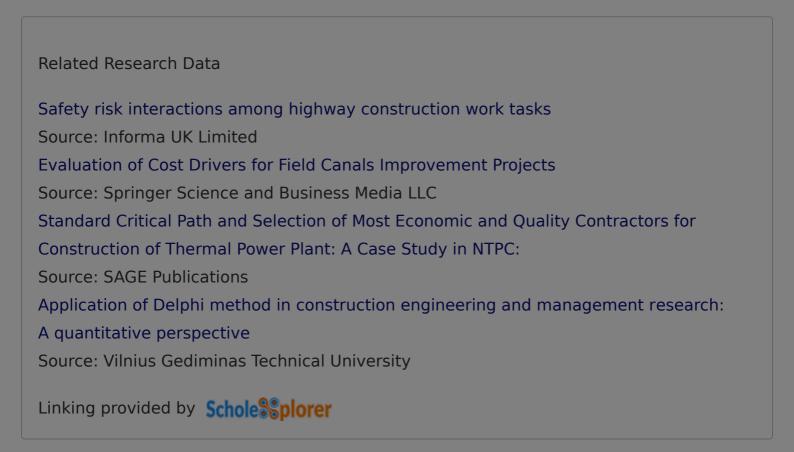
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method (DM) and fuzzy logic (FL). The method utilizes 'expert' appraisals to identify both the factors and their weights in the overall evaluation process through a 'fuzzy' attractiveness ratio' (FAR) which is used for evaluating the bidders' suitability to task.

Q Keywords: Decision making Delphi method design-build fuzzy logic qualifications-based selection



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