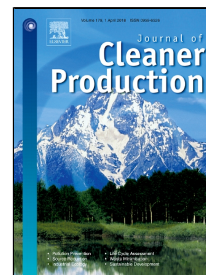


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Effect of stakeholder collaborative management on off-site construction cost performance

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2 **Effect of stakeholder collaborative management on off-site**
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17

18 Abstract: Off-site construction (OSC) has been a hot issue in the construction
19 industry. However, high cost was an important factor that hinders the OSC
20 development. This study attempts to explore how stakeholder collaborative
21 management and OSC cost performance relate to each other. Semi-structured
22 interviews were conducted to explore and verify the quantitative indicators that
23 measure stakeholder collaborative management and cost performance. Interaction
24 frequency, emotional intensity, familiarity, and reciprocity were selected as the
25 metrics to measure stakeholder collaborative management. Unilateral cost and
26 production cost of precast components were used to depict OSC cost performance.

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