

## Development of Verification System of Workspace Clashes Between Construction Activities

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**Abstract :** Recently, the use of Building Information Modeling (BIM) in public construction works has become mandatory in some countries and it is anticipated that BIM will be applied to the actual field of civil engineering projects. However, the BIM system is still focused on the architectural project and the design phase. Because the civil engineering project is linear type project and is focused on the construction phase comparing with architectural project, 3D simulation is difficult to visualize them. This study suggests a method and a prototype system to solve workspace conflictions among construction activities using BIM simulation tool.

**Keywords :** BIM, workspace, confliction, visualization

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