

### Review Form 3

Journal Name:	<a href="#">Journal of Engineering Research and Reports</a>
Manuscript Number:	Ms_JERR_127208
Title of the Manuscript:	Revit-Midas Civil model conversion method and application based on rectangular aqueduct superstructure
Type of the Article	Review Article

#### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b>	<ol style="list-style-type: none"> <li>1. This paper reviews the modelling efficiency of finite element analysis models for rectangular aqueducts based on the BIM information model.</li> <li>2. The results indicate that the model conversion method successfully transformed structural analysis model information from Midas Civil into Revit model information.</li> <li>3. Significantly enhancing the modelling efficiency and accuracy of rectangular aqueduct structures.</li> </ol>	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>YES</b>	
<b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b>	<b>YES, the Abstract is comprehensive</b>	
<b>Are subsections and structure of the manuscript appropriate?</b>	<b>Yes</b>	
<b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b>	<ol style="list-style-type: none"> <li>1. This study proposes a model conversion framework that integrates the sophisticated modelling capabilities and secondary development features of Revit with the structural calculation and analysis capabilities of Midas Civil.</li> <li>2. This paper provides a detailed introduction to the principles of the M2R program for model conversion based on Revit, outlining the algorithms for information interaction, data processing, and the development of a conversion interface for the superstructure model of aqueducts from Revit to Midas.</li> </ol>	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	<b>References are recent and enough</b>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	English is good	
<b>Optional/General</b> comments	A good paper on the modelling efficiency of finite element analysis models for rectangular aqueducts based on the BIM information model.	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

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