



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_27063
Title of the Manuscript:	Software Development for the Prediction of Hydrate Formation Conditions
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



SDI Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments	The presented idea is interesting and proposed software is useful. However, in presented solution the user is responsible to combine results of many models. In my opinion this should be done by computer. The results of many models could be combined eg by voting or weighted average. You would choose the weights using accuracy information. In this task the machine learning algorithms are usefull. The web based software should work on all modern browsers. There are some libraries that helps achieve this feature. I think the reducing to two browser is not acceptable.	The use of only Mozilla Firefox and the Blackberry Mobile browser for debugging was only for debugging purposes. The final testing was done on the major browsers; Google Chrome, Mozilla Firefox, Microsoft Edge. Mobile testing was done on an android mobile. However, the statement has been corrected in the manuscript to express this message clearly. Also, automatic combination and weighing of results is a feature being worked on for a final update to the software.
<u>Minor</u> REVISION comments	• problem with capital letters in lines 1 – 119; • the same technologies (programming languages) are described several times on page 7, please connect descriptions of Scarlet Macaw and Adobe Dreamweaver; • please include the link to sources and to testing data; • the working server would be desirable, please include the link to such server.	The noted errors have been corrected. Also, the link to a demo version has been included. The input boxes in the demo version have been filled up with sample data gotten from literature to test the functionality of the software, although, the user can decide to change any of the values. Link to the literature that this data was gotten from has been included in the references section.
<u>Optional/General</u> comments		