

**BPI Review Form 070520**

Book Name:	<b><u>Theory and Applications of Engineering Research</u></b>
Manuscript Number:	<b>Ms_BP_8162E</b>
Title of the Manuscript:	<b>Forest Fire Occurrence Using Machine Learning</b>
Type of the Article	<b>Book chapter</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (If agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. Authors must write his/her feedback here)
Is the manuscript important for the scientific community? Please write a few sentences explaining your answer	Moderately yes.	
Is the title of the article suitable? Do you have any alternative Title in your mind?	The paper is about predicting the chances of forest fire. Suggest to include prediction or estimation in the title. Eg: <b>Forest Fire Occurrence Prediction Using Machine Learning or Forest Fire Occurrence Estimation Using Machine Learning</b>	
Is the abstract of the article comprehensive? If your answer is No, please provide suggestions	No. The first sentence introduces the background on forest fire and the problem because of it. Please specify and quote relevant resources which area is the author referring to. The readers may not come from the same area as the author and may not understand the statement with 1 or 2 sentences.	
Do you think the English quality of the article is suitable for scholarly communications? If your answer is No, please provide suggestions	The English is ok but it is suggested to write in a more comprehensive manner for easy understanding. The usage of capital letter in the middle of sentences are confusing. Some sentences do not have full stop.	
Please provide your comments regarding the appropriateness of different sections of the manuscript.	Do not use website as references. Please cite reliable publications or official reports from reliable resources. Write the publication in a proper format. Do not use bullet form. The methodology was not explained clearly. For example, Table 1 – how the dataset values were determined. It is unclear what does the numbers in the table represent. The flow diagram is too simple. It is a machine learning method, please provide more info with significant steps in the flow diagram. Delete the source code. It is irrelevant for the paper. If it is really important, put it in a simple visual form.	
Do you think that the references in the manuscript are proper, recent and sufficient? If you have any suggestions, please write here.	The literature survey is too brief. There should be more references in the literature survey. Only 1 publication cited for the main work as the author's references and others are cited in bullet form as the existing system. Please write the literature study of literature survey in a better way following publication format.	

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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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