

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Research in Computer Science</b>
Manuscript Number:	<b>Ms_AJRCOS_115773</b>
Title of the Manuscript:	<b>FIRE PREDICTION ANALYSIS BASED ON HYBRID MACHINE LEARNING ALGORITHMS</b>
Type of the Article	<b>Research paper</b>

**Review Form 1.7**

**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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>No, In the abstract, the sentence like "If you check all models" is not appropriated, the authors can use sentence like "When checking all models, ..."</p> <p>Sentences 4 and 5 of the introduction can not be understood, the need to be improved.</p> <p>In part II</p> <p>The sentence can not be understood, for example : "If you check all models Decision tree predicts, Random Forest tree predicts, Support Vector machine predicts, and K nearest neighbour. " <b>the sentence seems to be incomplete.</b></p> <p>Same for "Ensemble models with two combinations of decision tree and random forest tree and Support vector machine and KNN". <b>the sentence seems to be incomplete.</b></p> <p><b>On page 3, this sentence has no meaning, it is in contradiction with research purpose</b></p> <p>Fire prediction is most unhelpful and overwhelming natural disasters [12]</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>		
<p><b>Optional/General</b> comments</p>	<p><b>Globally the paper is not well presented, and we don't even know if there is a link between the topic, the raw data "presented".</b></p> <p>In page 4, the "table" are not table but screen shot of figures, there is not description of the dataset, we don't see the relationship between the dataset and the research topic or research prupose. Table 2 and table 3 are image without any description of the dataset.</p> <p>Table 1, table 2 and table 3 are not list or cited in the text, they just appear without a relationship with the text inside the paper.</p> <p>We can not know purpose of figure 3 and figure 4 in the paper, there is no legend.</p> <p>Figure 5 and figure 6 has no link with the text inside the paper, they are just paste in the paper with no related comments</p> <p><b>In 3.5.1 Decision Tree we have a figure, no comment related to the figure, the figure is not numbered.</b></p> <p>We have the same problem for 3.5.2 and 3.5.3</p> <p>Figure 7 and figure 8 are not list in the text, there are many other figure paste in the paper with no comment, no analyzis.</p> <p>The sentence "Fire accident is most tragedy incident in human life" appear 3 times in the paper, in the beginning of the abstract (page 1); in the introduction in page 2, in the conclusion in page 14.</p>	

**Review Form 1.7**

	<p>The sentence “Fire prediction risk everything in its vicinity” appear 3 times in the paper, in the beginning of the abstract (page 1); in the introduction in page 2, in the conclusion in page 14.</p> <p>The sentence “Preliminary detection of such fires can help to control” appear 3 times in the paper, in the beginning of the abstract (page 1); in the introduction in page 2, in the conclusion in page 14.</p> <p>The topic: FIRE PREDICTION ANALYSIS BASED ON HYBRID MACHINE LEARNING ALGORITHMS, has no relationship with the work done in the paper, in fact there is NO prediction done in this paper, the authors only present some raw data and run Machine learning algorithms on that raw data and compare the precision obtained, but there is nothing related to predictions.</p> <p>The conclusion is a copy of a part of the abstract and of the introduction. In fact the conclusion is not a conclusion.</p>	
--	---	--

**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:**

Name:	<b>Deussom Eric</b>
Department, University & Country	<b>College of Technology, University of Buea, Cameroon</b>