

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_106596
Title of the Manuscript:	Robust NIRS models for non-destructive prediction of physicochemical properties and ageing of basmati rice
Type of the Article	Research Article

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes (The process of inducing the changes in rice in a short time to obtain cooking properties, which resemble that of naturally aged rice, is referred to as accelerated or super-ageing of rice. During the ageing process, some physio-chemical properties change. These changes are caused by changes in lipid, protein, and other substances produced from enzyme activities and oxygen during storage. The conventional ageing of rice takes a relatively long time, approximately 4-6 months. This ageing method also requires much space for the storage of paddy, leading to high operating costs. Furthermore, paddy undergoing ageing is susceptible to damage from insects, microorganisms and rodents. It is, therefore, necessary to explore other techniques that can reduce the ageing time and operating cost while, at the same time, maintaining the properties such as appearance and texture to be similar to those obtained by the conventional ageing process).</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>yes</p> <p>Yes good, but not all that mentioned in the articles body is found in the list of references, I have put my remarks in the document with red color.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The grammar is not my speciality</p> <p>Linguistic refinement is recommended</p>	
<p>Optional/General comments</p>	<p>I have put my remarks in the document with red color.</p>	

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

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