



**SDI Review Form 1.6**

Journal Name:	<b><u>Advances in Research</u></b>
Manuscript Number:	<b>Ms_AIR_35629</b>
Title of the Manuscript:	<b>Rice: Grappling with Cold under Climatic Changes, Global Impact and Counter Strategies</b>
Type of the Article	<b>Review Paper</b>

**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>)



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**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)
<b><u>Compulsory</u></b> REVISION comments	<ul style="list-style-type: none"> <li>Basic English language efficiency that authors have in most of the sentences. For example, they have not used proper verbs "s and "es" etc.</li> <li>In the abstract, Authors used statistics "65%" missing reference.</li> <li>Few statements need references like" Low temperatures comprise a major climatic problem for rice growing in 25 countries, including Korea and Japan. Rice is highly sensitive to cold stress during reproductive developmental 37 stages, and little is known about the mechanisms of cold responses in rice anther".</li> <li>Lacking of scientific terminology.</li> <li>ROS, Sucrose, and MDA are not physiological parameters even though these are biochemical process effected physiological process in rice.</li> <li>In the article, Authors tried to explain agronomic, physiological and biochemical traits based review of literature but they did not report any study on genome-wide association studies which have been reported in many journals recently.</li> </ul>	Required references have been added, information from genomic and molecular studies and findings have been added. Additional information on biochemical changes is given.
<b><u>Minor</u></b> REVISION comments	<ul style="list-style-type: none"> <li>Add some studies based on genomics and molecular breeding studies for better review article.</li> <li>Revised basic English (language0mistakes.</li> </ul>	
<b><u>Optional/General</u></b> comments	NA	