

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_109112</b>
Title of the Manuscript:	<b>Drought stress and its tolerance mechanism in wheat</b>
Type of the Article	<b>Review Article</b>

**PART 1: Review Comments**

	<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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1: Drought is one of the major stresses in crop plants. Hence, it would very important among scientific community. A number of studies have already been reported on drought including on wheat. Hence, there should be any key highlighted points that may missing in previous studies.</p> <p>2: Can be improve: for example As per information in abstract (that's not fully matched with whole manuscript), title may be "Impact of water scarcity on structure and function of wheat plant". However, as per the whole length draft information it may as "Understanding the Impact and Control measures of drought in wheat".</p> <p>3: The key information in abstract does not represented in title.</p> <p>4: Yes, however, significant subsections are missing, like genetic/genomics/omic based control of drought, genetic basis of drought tolerance/avoidance/resistance No figure of any of mechanism is provided, No table of genes/drought controlling heredity factors has been added Mulching/ tillage etc are a few of drought management strategies, cannot see in manuscript Many recent and key points are missing like mulching No key gene / QTL highlighted in any section, only the APO1 transcription factor was found in draft.</p> <p>5: the provided information is scientifically correct,</p> <p>6: Can be improve</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Its good	
<p><b>Optional/General</b> comments</p>	1: Various words like "plants", "Agronomy" etc are un-necessarily made italic.	

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

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