

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_110832
Title of the Manuscript:	Molecular Frameworks of Nitrogen Response in Plants: A Review
Type of the Article	Review 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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> The review describes the fate of nitrogen in plants, its uptake and responses. The structure is clear and is well explained. The title seems to be incomplete and should be changed to "Morphological, physiological and molecular frameworks of nitrogen response in plants: A Review" The fate of nitrogen in plants should be included in the abstract section. The effect of microbes in the uptake and transport of nitrogen in plants is a very crucial topic and should be included in the review. Yes, the review holds scientific importance. Typological errors should be rectified in reference section. References which are more than 10 years old should be replace with new citations. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>English language needs to be improved before the script can be accepted for publication. A thorough check is required to improve the grammar, sentence clarity and typo errors.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> The genetic basis of nitrogen uptake and metabolism should be discussed. It would be clearer if the genes and enzymes involved is presented in table. How does plants cope up with excess and scare nitrogen supply should be explained with examples? A detailed representation of the different types of transporter, their classification/family and functions should be given in table. The role of transporters should be included in the conclusion. 	

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PART 2:

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

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