

## Review Form 1.6

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_85160
Title of the Manuscript:	Long term benefits of legume based cropping systems on soil health and productivity. An overview
Type of the Article	

### 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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy> )

### 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>Compulsory</b> REVISION comments	<b>Introduction: Informative and well written but more references are needed.</b> <b>Like</b> "Usually about two-thirds of the nitrogen fixed by a legume crop becomes available the next growing season after a legume in a rotation." ( <b>Required reference</b> ) "Inoculated with the proper strain of <i>Rhizobia</i> bacteria, legumes can supply up to 90% of their own nitrogen (N)." ( <b>Required reference</b> ) "In India, about 60% area comes under rainfed lands." ( <b>Required reference</b> ) "Thirty-five per cent of the total 464 districts, where fertilizer consumption is less than 50 kg ha <sup>-1</sup> , which is one of the reasons for low productivity due to excessive nutrient mining in this rainfed area." ( <b>Required reference</b> ) "There is increasing evidence that fertilizers alone cannot sustain yields for long periods because crops utilize hardly 30% to 40% of the applied fertilizer nutrient" ( <b>Required reference</b> ) Rest of the manuscript: Satisfactory.	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	After these corrections the manuscript can be published.	

### 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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

### Reviewer Details:

Name:	Ananya Ghosh
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