

## 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." (Required reference) "Inoculated with the proper strain of <i>Rhizobia</i> bacteria, legumes can supply up to 90% of their own nitrogen (N)." (Required reference) "In India, about 60% area comes under rainfed lands." (Required reference) "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." (Required reference) "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" (Required reference) Rest of the manuscript: Satisfactory.	Required references were included as per the recommendation of reviewer.
<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)	No there is no ethical issue associated with it.