



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_50662
Title of the Manuscript:	Mapping a climate change vulnerability index: An assessment in agricultural, geological and demographic sectors across the districts of Karnataka
Type of the Article	Original Research 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:

(<http://www.sciencedomain.org/page/sdi-general-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	<p><b>Step 2 (page 3-4) has to be explained better</b></p> <p><b>L82 and 84: what are <math>i</math> and <math>j</math>?</b></p> <p><b>L92: <math>x_{ij}</math> is the same as <math>X_{ij}</math> before?</b></p> <p><b>L89: what is <math>X_{ij}</math>? For instance <math>X_1</math> is "Variance of annual rainfall"?</b></p>	<p>* I have included relationship of vulnerability and indicators in table format for better understanding</p> <p>*<math>i</math> and <math>j</math> are the values ith number or ith value in jth column</p> <p>*yes here I made mistake and now I changed that with <math>Y_{ij}</math> since the normalised value should come in that position</p>
<b>Minor</b> REVISION comments	<p>This is an international journal. Please specify where are Karnataka and Rajasthan (India?).</p> <p>Rabi is spring harvest</p> <p>L 77 change to "to be normalized"</p>	<p>*I have changed the title of the paper and mentioned india in the bracket</p> <p>*Rabi is the season – I have mentioned that one</p> <p>*I used min-max formulae to normalise L77 indicators and I have included that one in methodology step-2</p>
<b>Optional/General</b> comments	<p>The manuscript tries to somehow parametrize vulnerability of a region to climate change. It is very questionable if the methodology actually is meaningful, but that will have to be proven in reality.</p> <p>However, the authors should better explain the methodology. Especially Step 2. I do not see how anybody can understand what they are doing.</p>	<p>*The methodology I have used here is based on some past research and findings</p> <p>*I have mentioned detailed relationship between indicators and vulnerability for better understanding</p>



**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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	