



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_56352
Title of the Manuscript:	An improved protocol for isolation of soil microbial community DNA for metagenomic studies
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>The manuscript contributes significantly to knowledge of methods for the extraction of soil DNA. Its publication will add important achievements to methodological approaches to soil bacterial studies.</p> <p>The title points for "isolation of soil microbial community" when the paper deals with isolation of bacterial DNA, and it would help to have a precise definition of the topic.</p> <p>In Discussion, the authors write "good Shannon diversity index" that I consider as a concept not clear since there is no "good" or "bad" diversity index or measure.</p> <p>In Discussion, comparison of findings with only two references for the bias/ unbiased of G+ and G- bacterial groups is not enough and I would argue for more robust evidence.</p>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments	<p>It is important that the authors would search for recent discussion on the issue since the newest references are from 2014. It is known that the topic on genomics and metagenomics produces a large amount of novelty and new references are welcome.</p> <p>I would also recommend strongly a revision of language since a great number of misspellings and other minor mistakes were found during reading.</p>	



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

**Reviewer Details:**

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