



SDI Review Form 1.6

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| Journal Name: | Asian Journal of Environment & Ecology |
| Manuscript Number: | Ms_AJEE_61999 |
| Title of the Manuscript: | Study of the effects of soil acidity and salinity on aluminium mobility in selected soil samples in Sri Lanka |
| 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/journal/10/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) |
|-------------------------------------|---|---|
| Compulsory REVISION comments | <ol style="list-style-type: none"> 1. The authors are not aware that Aluminum will not occur as metal in the Earth's crust. (Abstract Line 1). Aluminum is an element associated with oxides and hydroxide in the ore and rock forming minerals. 2. In the Abstract line 2: Aluminum is derived from the Aluminum bearing minerals and rock, and leached into the soil as Aluminum oxide or Aluminum hydroxides. 3. Authors are not specified the types of soils, and Aluminum enrichment in those soils. 4. The mobility of Aluminum is not explained in the text. 5. The author are not aware that the soil salinity is not only directly proportional to the mobility of the Aluminum ions in the soil 6. Five different soils....? Which are the Five different types of soils. Classify the soils, Characterize the soils, Find out what are the elements rich in those soils and what is the status of Aluminum in those soils, and in turn find out the mode of mobility of the Aluminum in those soils. 7. Amount of samples collected and soil profile has not mentioned in each location. 8. GIS based Location map, and soil map should be added in the research article | |
| Minor REVISION comments | <p>The paper can be accepted if and only if the compulsory revision comments are properly answered and incorporated in the paper</p> <p>The Results and discussion will be followed later part, and discussed well, provided the comments are answered</p> | |
| Optional/General comments | <p>Major Revision required. After incorporating the above said observation, the paper has to be reviewed once again</p> | |



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

Reviewer Details:

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|----------------------------------|---|
| Name: | <i>B. V. Suresh Kumar</i> |
| Department, University & Country | <i>University of Mysore, India</i> |