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)

SDI Review Form 1.6

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	**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**	1. The authors are well aware that aluminium does not occur as metal and the abstract clearly states "they are incorporated in to aluminosilicates" which are the main oxide forms in soil. However since it was not clearly stated in the introduction, it is included in the corrections. 2. We consider only about the soil and the effect of salinity on it and assume that the corrections done for 1. Will be adequate. 3. The types of soil types and the rationale of choosing the sites and included in the corrected introduction. Table 2 give the amounts of Al in these soils. 4. Incorporated in to the introduction. 5. We are aware that it is not directly proportional but has a great effect on mobility. Inclusion done to introduction as extra clarification. 6. Corrections done for 3. will address part of this. classification and status of Al is already done and stated in the tables. 7. Amounts of sample is incorporated in to the methodology and only the top 30 cm of soil were used for the study, profiles was not a part of this study. 8. As the focus of the study was to see the response to the common types of soils found in Sri Lanka and not mapping of an area, authors think the locations are not of any importance but have attached the location map herewith.
Minor REVISION comments	The paper can be accepted if and only if the compulsory revision comments are properly answered and incorporated in the paper The Results and discussion will be followed later part, and discussed well, provided the comments are answered.	Agree
Optional/General comments	Major Revision required. After incorporating the above said observation, the paper has to be reviewed once again	Revisions attended to.

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)*	agree