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# **SDI Review Form 1.6**

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_35744
Title of the Manuscript:	Evaluation of elemental pollution in roadside dust northeast of Nairobi major highway and at Thika town, Kenya
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.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

# **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	Description of procedure for dust sampling and preparation was ambiguous; one composite sample analyzed couldn't produce two different sets of results. This looks like a fundamental error. Thus, authors should work on this section of their work so as to make their results valid.	
Minor REVISION comments	Abstract Study design: Dust samples were collected on along to read Dust samples were collected along Methodology: Authors should consider writing their methodology as suggested: Dust samples were collected at Roysambu bus terminal along Thika highway and at Thika town. The samples were prepared for analysis according to USEPA method 3050B and analysis of Al, B, Na, Mn, Cr, Cu, Pb, Co, Mg, Fe, Ni, Ca and Zn in the samples was carried out using an inductively coupled plasma optical emission spectrophotometer. The results obtained showed that there was moderate pollution by Pb and Mn, while the samples were extremely polluted by B was as computed using the index of geoaccumulation. Metals Cr, Mn, Pd and Zn were in levels similar to those reported around the world. Conclusion: Authors should consider writing their conclusion as	

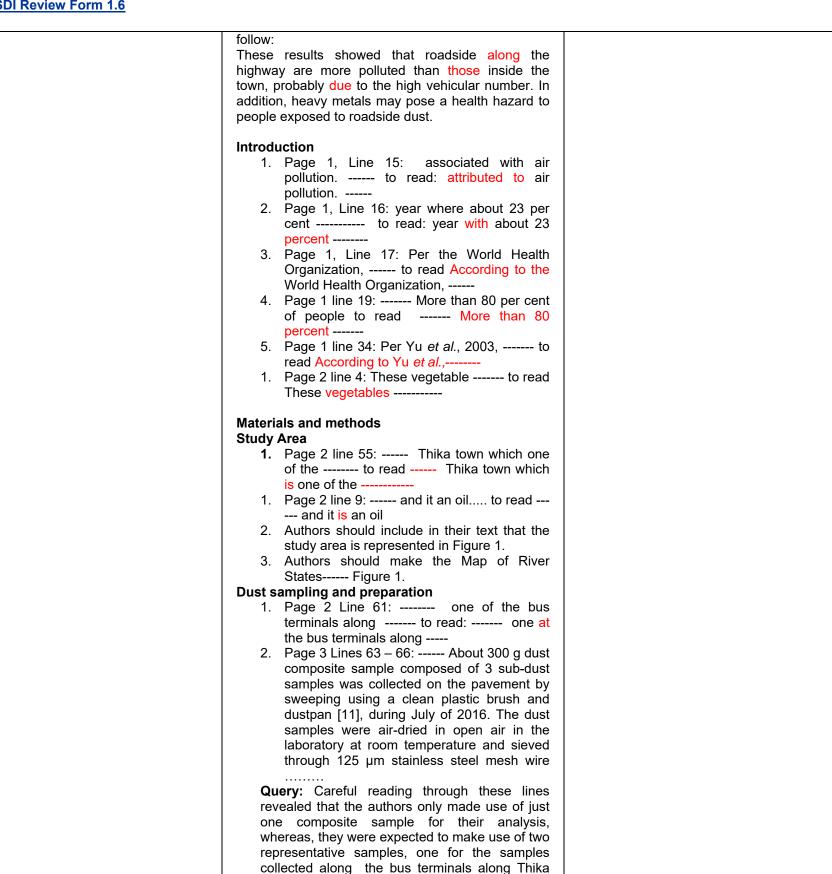
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	one for the samples collected at Kwame Nkrumah road in Thika town. Therefore, the authors should re-write their dust sampling and preparation procedure to reflect the fact that two different composite samples were analyzed in order to validate their results and discussion.	
	Results and discussion  Authors were not to demonstrate that they made use of two different samples for their analysis under materials and methods section, therefore the results presented in Tables 2.2 and 2.3 for the concentrations of the elements along Roysambu and Thika roads are not valid. Therefore, authors should re-write their dust sampling and preparation procedure to reflect the fact that two different composite samples were analyzed so as to validate their results and discussion.	
Optional/General comments	None	

# **Reviewer Details:**

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