



SDI Review Form 1.6

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| Journal Name: | Physical Review & Research International |
| Manuscript Number: | 2013_PRRI_5866 |
| Title of the Manuscript: | Studying the effect of vertical eddy diffusivity on the solution of diffusion equation |
| Type of the 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>)



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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) |
|--|---|---|
| <u>Compulsory</u> REVISION comments | | |
| <u>Minor</u> REVISION comments | <p>I suggest rearranging the format of paper especially in references because they did not apply same format for whole of references.</p> <p>Their explanation in conclusion was not enough I suggest rewriting it.</p> <p>I suggest using the standard format of table, figures , ..because I think it is better to decrease the size of formula .</p> | <p>Please I correct the format of the references.</p> <p>Please the conclusion now becomes:</p> <p>The predicted crosswind integrated concentrations of the two models are inside a factor of two with observed concentration data. There is agreement between the predicted normalized crosswind integrated concentrations of model "2" depends on the vertical height with the observed normalized crosswind integrated concentrations than the predicted model "1" which depends on the downwind distance. This means that the vertical eddy diffusivity depends on the vertical height "z" than downwind distance "x". Also in the further work we will take the eddy diffusivity depends on the vertical height and downwind distance.</p> <p>Please I correct the format of the figures</p> |



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| | | and the tables. |
| <u>Optional/General</u> comments | In This paper auteurs used Laplace transformation technique considering the wind speed depends on vertical height. | Thanks this paper deal with two cases, first if the eddy diffusivity is constant, second if it depends on the vertical height. |