



SDI Review Form 1.6

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	<p>The work is poorly written, unclear and full of errors.</p> <p>A very great error is that it is possible to write the EQ. (3) only if the diffusion coefficient (k) is constant in z, unlike those used are not constant and all the paper deal with non-constant vertical eddy diffusivity. So all the paper is wrong.</p> <p>There are errors in the figures and in statistical indices</p> <p>The conclusions are inconsistent</p> <p>The English is very poor.</p>	<p>Now it is in a good case. This paper deals with two manners first if the eddy diffusivity is constant, second if it depends on "z" in unstable case. (I.e. we get two predicted models and comparing with observed model). Please I correct the units in the figures now it is right and the statistical is corrected. Now I add some comments in the conclusion as follows:</p> <p>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>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		