

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_94401
Title of the Manuscript:	Risk assessment of NH3 and H2S in costal and Complex sectors in Egypt by using AirQ+ software
Type of the Article	Technical Report

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:

(<https://www.journalijecc.com/index.php/IJECC/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		
Minor REVISION comments	<p>Author has not monitored season wise as the air pollution will definitely have the impact of the seasons.</p> <p>Does the software takes care of the meteorological condition as author has not mentions anything with meteorological conditions of the city like wind speed and direction, temperature, precipitation and so on, mixing heights and all.</p> <p>Because these will have the impact on dispersion and it can evaluate what region of population is getting impacted.</p> <p>Without studying the dispersion pattern, how the risk analysis is carried out in the particular region.</p> <p>Table 2 doesn't mention any thing of units used for comparison.</p> <p>Author comments that population increase in reason for high concentration, kindly rethink of it and write. It will be due to industrial activities or traffic pollution. Before the table 3 for estimated HARD.</p> <p>Author has approached any doctors and consulted with health effects of that region of population and all as such.</p> <p>What are the model parameters that are implemented here? As such it's not mentioned anywhere. Or the equations given to what extent the values are fed to the software and what are its limitations as such.</p> <p>What are the limitations of these pollutants as per the guidelines of the country?</p> <p>What are the major emissions of the Industry located surrounding there or characteristics of Industry can also be mentioned.</p>	
Optional/General comments	<p>English correction is required</p> <p>Conclusion is too lengthy and can be shortened</p> <p>Table 6 to be taken in results and discussion and not in conclusion</p> <p>Equations are pasted as image. It has to be written using equation editor</p>	

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)	

Reviewer Details:

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