

[ReviewForm1.7](#)

JournalName:	InternationalJournalofEnvironmentandClimateChange
ManuscriptNumber:	Ms_JECC_116205
TitleoftheManuscript:	AmbientAirQualityAssessmentthroughAirQualityIndexandAirQualityHealthIndexforEasternCoastalRegion,Gandhidham,Gujarat,India
TypeoftheArticle	OriginalResearchArticle

PART 1: ReviewComments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>No. Air Quality Index and Air Quality Health Index are measurements adopted to gauge air quality and its influence to human health, and both indices have been applied for a period of time. The discussion of measurements is not important for scientific community. However, mitigation plans of alleviating negative impacts are much more important than the measurements themselves.</p> <p>No. For a journal exploring issues on environment and climate change, mitigation plans are likely to attract more readers' attention than the current title. The suggested title could be Mitigation Plans for Eastern Coastal Region, Gandhidham, Gujarat, India.</p> <p>Based on the current title, the abstract is ok. However, the abstract may need to include additional discussion on mitigation strategies, if the title is changed.</p> <p>It is ok. However, a map of showing industrial and residential districts together with highway and transportation system need to be included in the article.</p> <p>Yes. However, to discuss ambient air quality of a place or a region, annual wind direction in association with wind speed (such as wind rose chart) is more important than average wind speed, temperature, and humidity. Pollutants including particulate matter are transported and distributed not only by wind speed, but also by wind direction. Different areas in a region may have different degrees of negative impact due to different wind directions.</p> <p>Since both air quality measurements have already been applied for a certain period of time, it is ok. However, the additional references on mitigation strategies need to be included, if the title is modified.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	Yes.	
<p>Optional/General comments</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)
<p>Are there ethical issues in this manuscript?</p>	<p><u>(If yes, Kindly please write down the ethical issues here in details)</u></p>	

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