

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_116205
Title of the Manuscript:	Ambient Air Quality Assessment through Air Quality Index and Air Quality Health Index for Eastern Coastal Region, Gandhidham, Gujarat, India
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? Yes (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? Yes (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive? Yes</p> <p>4. Are subsections and structure of the manuscript appropriate? Yes</p> <p>5. Do you think the manuscript is scientifically correct? Yes</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. Yes</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p> <p><u>Please see comments in box to the right.</u></p>	<p>Review of Ambient Air quality through ZAir Quality Index and Health Index for Eastern Coastal Region, Gujarat, India</p> <p>This paper is a modestly sized sampling in a busy industrial region in India. I think it will be a useful addition to the literature. I have a few suggestions which might be helpful for the paper.</p> <p>TABLE 1- Table 1- Be sure to list title in manuscript- perhaps also list height of sampling. DUST TRAPPING TREES Dust Trapping Trees- Your mention of dust trapping trees such as Ficus religiosa is very interesting. Could you please provide a little more explanation and cite at least 1 reference on dust trapping trees? SOURCES OF AIR POLLUTION. I think a little fuller discussion of air pollution sources and their control might be useful for example. Biomass Burning- Is biomass burning a major pollution source in the Gujarat area- biomass burning includes wildfires, leaf burning, agricultural burning and domestic burning of wood, coal, straw, dung etc. Shipping- Burning of High Sulfur Bunker Fuel in Shipping. Many large transport and oil ships burn a very low quality and high sulfur fuel called "Bunker Fuel" which emits large amounts of sulfur oxides and PM 2.5. Is shipping air pollution significant in Gujarat region? Traffic Air Pollution- Several of the sampling sites are near busy roads. In recent years, what efforts have been made to lower traffic air emissions in India? Perhaps say a little more on traffic pollution. TEMPERATURE INVERSIONS. Were any temperature inversions noted during the sampling periods?</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	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)

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Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	
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Reviewer Details:

Name:	Luke Curtis
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