



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14253
Title of the Manuscript:	Mitigating the Effects of Climate Change with Wind Energy and GIS
Type of the Article	Review 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	The review article "Mitigating the Effects of Climate Change with Wind Energy and GIS" is not sufficient to for a scientific article. The authors give a general instruction about the global climate change and address the possibility of mitigating the effect by using renewable energy sources, in particular wind energy. However, as needed for a review article there is now comparison or analysis of previous studies done in the manuscript. The authors qualitatively discuss the results of (only) three studies in section 2 of the manuscript. However, the analysis is only a collection of three summaries of those studies rather than a comparison or scientific discussion. No data analyses are provided and no details about the methods of the studies are provided either. Not for the actual study and neither for the three studies presented in section 2. In section two the authors describe the case of Mr. Charles Brush. The information given however is rather a historic anecdote rather than useful quantitative information. The authors only refer to GIS as a method or a tool. However, GIS is a general term and comprises a large collection of methods of spatial analyses. The authors are unclear of how exactly GIS technology can be deployed to promote the utilization of wind energy utilization and what the benefit can be (quantitatively) in terms of climate change mitigation.	As suggested by the reviewer we have developed a scientific discussion and data analysis of the case studies as well as previous studies to include numerous accounts of the use of GIS technology within the realm of wind power. Our section on the history of wind power has been deleted and references to the work of C. Brush have been greatly reduced. We also have included in the conclusion recommendations concerning the future of wind power in mitigating climate change.



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	A review paper needs a comparison of results AND methods of previous findings in order to make a statement about what needs to be done in the future to address specific questions that have not been answered in the literature yet.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		