



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_23116
Title of the Manuscript:	Optimization of Building Energy Performance through Passive Design Strategies
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		
<u>Minor</u> REVISION comments	The paper is based on an interesting review that could merit publication. However, the importance of passive design for building renovation did not receive enough attention by the authors. This is strange because energy building renovation is a crucial issue. See for instance: JCR (2015) Energy Renovation: The Trump Card for the New Start for Europe. Joint Research Centre, Institute for Energy and Transport Luxembourg	Thanks for your valuable input. We have included two studies that were conducted aiming to address the energy optimization of building during renovation. In these studies, authors utilized passive strategies to enhance the building energy efficiency. These studies, included in section <u>3.1, and 3.7</u>
<u>Optional/General</u> comments	In order to highlight the importance of energy building efficiency cite in the introduction the publication: King, D.; Browne, J.; Layard, R.; O'Donnell, G.; Rees, M.; Stern, N.; Turner, A. (2015) A global Apollo programme to combat climate change. These authors show that energy consumption will keep on rising no matter what and also that building codes must have more demand energy restrictions. In section 3.3 cite. Pittaluga, M., "Electrochromic glazing and walls for reducing cooling needs", in: <i>Eco-Efficient Materials for Mitigating Building Cooling Needs</i> , edited by F Pacheco-Torgal <i>et al.</i> (Woodhead Publishing-Elsevier Science and Technology, Cambridge, 2015), pp 474-497. In section 4.0 the author should cite: Chen, X.; Yang, H.; Lu, L. (2015) A comprehensive review on passive design approaches in gree building rating tools. Renewable and Sustainable Energy Reviews 50, 1425-1436.	Thanks for your comments. We have included this reference in the ' <u>Introduction section</u> '. Thanks for your comments. Unfortunately, we could not find this reference. We searched all the well-known sources, but it was not found. Thanks for your comments. This reference has been included in section 4.0, as the <u>reference number 101</u> .