

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_78080
Title of the Manuscript:	Design and Modelling of a Cooling Unit by Adsorption Geothermal Heat Pump in a Tropical Climate Zones
Type of the 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:

(<https://www.journalpsij.com/index.php/PSIJ/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	<ul style="list-style-type: none"> - Abstract table must be adjusted according to the text, the last row cannot be seen; - From figure 1 one cannot understand how the system works. It must be adjusted according to the text. To inject geothermal water, one need only a pump. Not a heat pump. The heat pump is represented on the right side of the picture and it consists from (pump, condenser, throttle valve and evaporator). But the pump fails. - Minor grammatical mistakes; - For a better reading and understanding, all the figures must be after the paragraphs where they are mentioned. - In figure 11, Qev has another measure unit than in nomenclature. - First paragraph from section 4. Conclusions should be reformulated. The contribution of an article shouldn't be evaluated by the author. 	
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

Name:	<i>Andrei Dumencu</i>
Department, University & Country	<i>Germany</i>