

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_113414
Title of the Manuscript:	Evaluating the Impact of Elevated Temperature on Melia Dubia: Insights into Climate Change Resilience and Adaptation
Type of the Article	Review 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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? 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>Dear authors:</p> <p>It is an important manuscript for its research area. It was well written and can be published after small corrections:</p> <p>Abstract – “The bulk of GHC” – explain acronym</p> <p>Introduction item – add references; clearly explain the aim of this work</p> <p>References:</p> <ol style="list-style-type: none"> The item corresponding to climate change has a series of information that is not contextualized by references. In fact, the references are only presented from the item Morphological Responses in Elevated Temperature; The sentence: “The effects of radiation on photosynthetic activity and leaf area have been reported, with increased air temperatures improving leaf extension (Monteith, 1977)” – there are two (Monteith, 1977) Which one? Or both references? The sentence “Numerous single-species studies on various trees, including longleaf pine, red oak, scrub oak, silver birch, beech, sweet gum, and spruce, document positive responses in WUE to elevated atmospheric temperature concentrations (Wullschleger and Norby, 2001)” – is it 2002? Correct it considering References item; The sentence: “A study on "Response of Melia dubia clones and seedlings to elevated temperature" at the Tamil Nadu Agricultural University aims to evaluate morphological variations and intra-specific physiological and biochemical responses in Melia dubia ” – add references “Future Temperature Projection” item – add Reference, keep it less redundant <p>“Growth Chamber Studies and Design” item - it seems a Conclusion is needed</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>I highlighted in your text small considerations that could be made</p>	
<p>Optional/General comments</p>	<p>“uptake to transpirational water vapoUr”</p> <p>“Top of Form” – this is just information for formatting, please remove it (it appears more than once in the text).</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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