

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_114914
Title of the Manuscript:	IMPACT OF CLIMATE CHANGE ON PEST BIOLOGY, BEHAVIOUR AND THEIR DISTRIBUTIONS
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>	<ol style="list-style-type: none"> The authors discuss the impact of climate change on insects of agricultural interest. The authors carried out an in-depth literature review of the behaviour of insect pests over time and space. Climate change has led to the appearance of new pests and changes in the migratory behaviour of certain insect species. Climate change affects the geographical distribution of plant species and their growth patterns. This can have repercussions on the distribution of harmful insects. Higher temperatures cause pests to develop more rapidly, resulting in a greater number of generations in a short space of time. Drought can increase the incidence of certain pests. The authors have classified the overall effect of global climate change on pests into two categories. These are the direct effect of climate change on pests and the indirect effects on host plants. The increase in CO2 has harmful effects on polyphagous insects. Climate change could affect the effectiveness of chemical products used to protect crops. Yes the title of the article is suitable Authors should improve their abstracts Yes Yes The references are inadequate and the few cited are mostly quite old 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> The quality of the article's English is decent, but the authors could still improve on it 	
<p>Optional/General comments</p>	<p>This study tells us how climate change can affect biodiversity. It can help scientists to develop an effective management plan for insect pests in the context of climate change.</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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