

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_94914
Title of the Manuscript:	Studying on crop response model for grapes under climate change scenario: statistical study approach.
Type of the Article	Original Research 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.journalijecc.com/index.php/IJECC/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	The study of this paper focused on crop response model for grapes under climate change. This author(s) utilized the artificial neural network (ANN), multiple linear regression (MLR), and elastic net (ELNET) regression methods were used for the analyses in this paper. And then the author(s) evaluated their model over a two-year period using field-level data from GRS and neighbouring farms. Finally, the experimental results showed that ANN is the best for prediction of grape yield based on weather and disease incidence for the available data in the studied region. I have the following comments: 1.Full names and their abbreviations should not appear more than once in the text, as long as using the full name and its abbreviation at the first time 2.In Tables 12 and 13, Is the result average? Did you use cross validation for multiple times? If so, how many times?	
Minor REVISION comments	Some tiny issues: Formatting inconsistencies in the references, for example, the author's first and last names are sometimes all capitalized sometimes not.	
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>	

Reviewer Details:

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