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Natural Hazards and Earth System Sciences
Discussions

Interactive comment on "Modeling of wildfire occurrence by using climate data and effect of temperature increments" *by* Amir Hossein Sadat Razavi et al.

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The paper present a good approach to predict natural forest fires in the United States, using a broad temporal and spatial datasets to develop a model based on new techniques of artificial intelligence. The justification of this study is well expressed in the introduction, the figures are in good resolution and the conclusion is clear. However, the methodology can be more explored and detailed, especially describing better the model, parameters, algorithms proposed to the study. Maybe an schematic figure can help in this. The results also could be more described and essentially with more discussion and referencing other similar studies. Specific comments, suggestions and

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Discussion paper

technical corrections are inserted in the pdf file attached.

In case any questions, please do not hesitate to contact me.

Kind regards,

RC

Please also note the supplement to this comment:
https://nhess.copernicus.org/preprints/nhess-2020-353/nhess-2020-353-RC1-supplement.pdf

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