

***Interactive comment on “Choice of a wildfire risk system for eucalyptus plantation: a case study for FWI, FMA<sup>+</sup> and horus systems in Brazil” by Fernando Coelho Eugenio et al.***

**Fernando Coelho Eugenio et al.**

[fernando.eugenio@ufsm.br](mailto:fernando.eugenio@ufsm.br)

Received and published: 20 January 2020

First of all, thank you for your availability to comment on the article. Thank you for your suggestions. English writing really needs to be revised: I will be hiring a proofreading service to improve the English language.

Major concerns:

1. In view of the data and knowledge we had at the time, we believe that these indexes could solve our doubts, because: FWI is recognized worldwide as one of the components of the best forest fire risks in the world. FMA is the most widely used forest fire

C1

risk in Brazil (despite the geographic immensity and different climatic types). And HORUS is a risk developed especially for the study area. We didn't put it in the article, but we also used an index via Remote Sensing (but we didn't have daily data to compare);

2. We will improve the discussion on the risks of forest fires in the final review of the article. Thanks for the suggestion.
3. Thanks for the observation, we will do it in the final review of the article.
4. Thanks for the note, we will present in the final review of the article.
5. Thanks for the note, we will present in the final review of the article.

We appreciate the suggestions and will try to answer them all after the final review of the article.

---

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-350>, 2019.

C2