

## ***Interactive comment on “Comparing modelled fire dynamics with charcoal records for the Holocene” by T. Brücher et al.***

### **Anonymous Referee #1**

Received and published: 23 January 2014

A good paper just a few minor comments.

Interpretation of charcoal records ( L113-122(. Are these records not regional and time dependent?

some more discussion about the fire model is necessary ( L234-239). Potential area burned is a function of moisture and wind speed - what moisture - fuel moisture - live or dead - atmospheric moisture

L309 250 year moving window...why 250 - did you try other time periods.

L335 - substantial summer warming - how much?

L395-400 you state that the trend in fire activity is climate driven and not fuel

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driven...this is important and perhaps some discussions on the relative role of climate and fuel over different regions and time periods is in order

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Interactive comment on Clim. Past Discuss., 9, 6429, 2013.

**CPD**

9, C3222–C3223, 2014

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