

Interactive comment on “Screening the ESA ATSR-2 World Fire Atlas (1997–2002)” by B. W. Mota et al.

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The paper describes an exhaustive, very clever and very important work on satellite based fire detection. I recommend it for publication once the abstract is rewritten.

Of particular note is the disaggregation of the spatial-time cluster which was very cleverly accomplished. Figure 3 is a very good representation of a great piece of work!

Particular Comments:

While the work and the article are both excellent, the abstract needs to be completely rewritten. The first two sentences of the abstract do not inform the reader about the article's subject matter, only the last three sentences do that. A description indicating that

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the WFA -2 algorithm has a 308 K threshold could easily be included in the abstract.

The introductory material needs restructuring as well. Not until line 9 on page 464 is the first indication of the purpose of the paper given. This stated goal in line 21 and 22 on page 464 should appear much earlier and be included in the abstract.

On page 4650 line 11, how was the spatial analysis accomplished? What algorithms were used?

The graphs in figure 2 should be plotted on the same scale. With different scales 2a and 2c look very similar and 2b looks markedly different.

Discuss the important implications of this work on atmospheric chemistry and atmospheric modeling.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 4641, 2005.

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