

Hi Sara,

**About your questions:**

1. How to address the filtering. Should it be included, and combined with the identification of local pollution removed from time series centered on marine trajectories?

**For now, keep it in.**

2. Where should the Nuhsas vs Ncpc section be included?

**It's not yet certain how/if this will be incorporated into the manuscript. I am working on the graphic. Then we need to discuss the implication and how it fits with everything else.**

**Here is the document (link is below) that has the draft: paper\_v01.docx**

**I removed the title page, shortened some of the "methods" discussion, and did some tinkering with the text. However, I did not remove any text or call outs to tables or figures or sections. I did remove the conclusions bc these will change as we edit and compact for the journal.**

**paper\_v01.docx is 7500 words, more or less, and without the conclusion which will add about 500 words.**

**Depending on the journal, we need to get the length under about 7000 words. Did you get information on word length for Atmospheric Environment, Atmospheric Research, and Journal of Applied Meteorology and Climatology?**

**Some questions for you:**

**In Images.doc, are the google/maps figures necessary?**

**Based on Images.doc, you are recommending that the lab calibration figures to be removed? That's maybe OK, but we need to see if we can summarize in words what was presented in the thesis with figures.**

**Same comment about the RH/measurement section. No figure for that in Images.doc. Why not?**

**Same comment about Figure 1 (thesis), which I think really helps with the introduction of the ASD concept. Recommend that we keep that. Why remove it?**

**If you are showing the bi-mode fit figure, then you need to show the table of those fitted coefficients?**

**I am working on the Nuhsas vs Ncpc figure.**

**I put the directory of everything on the web: <http://www-das.uwyo.edu/~jsnider/manuscript/>**

**That's it for now,**

**Jeff**