WRAP Fire and Smoke Workgroup Exemptional Events support team meeting.

September 15, 2021

9 AM – 10 AM, Pacific

Microsoft Teams meeting

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Agenda

1. Rollcall/introductions – All

FYI: We will be recording this meeting for later posting on the WRAP website.

1. Presentation - O3 formation from fire emissions and areas of most uncertainty – Dan Jaffe, University of Washington
2. Informational item – Some ozone FEM instruments show positive bias in biomass burning smoke – Bob

See EPA ‘Science Matters’ article at: <https://www.epa.gov/sciencematters/study-provides-new-insights-impacts-wildland-fires-ozone-monitoring-equipment> and also linked journal publication (Atmos. Meas. Tech., 14, 1783–1800, 2021 <https://doi.org/10.5194/amt-14-1783-2021>)

Question:

Is your agency aware of this issue with some FEM monitors?

How concerned are you about it?

1. Informational item – The WESTAR Tech Committee has a call scheduled for next Wednesday Sept. 22, and they sent out an email looking for States willing to talk about EEs during this year’s fire season. – Bob
2. Discussion – All

Potential discussion topics:

How has the fire season been so far in terms of projecting the likely number of EE days?

Does anyone see a need for cross-jurisdictional collaboration for specific EE events so far?

1. Wrap up – Bob

Next call, Wednesday November 17, 2021, 9-10 am Pacific.

One topic lined up already - Andy Langford (NOAA) will talk about NOAA’s TOPAZ lidar measurements during the summer of 2021 and identification of ozone from biomass burning in the vertical profiles.