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**Subject:** October TSC/WG Co-Chairs Email Check-in  
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Hello WRAP Technical Steering Committee and Work Group Co-Chairs,

I hope everyone is staying safe and well and as sane as possible during these challenging times. As you have seen in Tom's earlier emails, we have cancelled our monthly TSC/Work Group Co-Chairs calls on October 28 and November 25. We will schedule the next TSC/Work Group Co-Chairs Coordination call for the third week of November, specific date and time TBD. We appreciate everyone's understanding as we work through scheduling and workload constraints.

As an October check-in on coordination and progress on WRAP's Regional Haze planning efforts and progress on the regional air quality modeling tasks, Pat and Tom have kindly provided the following update:

During summer 2020, States discovered discrepancies in some anthropogenic emissions sectors and revised assumptions for other emissions sectors. A brief summary of progress since then:

- Representative Baseline 2 and 2028OTBa2 emissions were reviewed and refined by States in August and processed by Ramboll in September for air quality modeling.
- TSS Emissions Express Tools have been updated to display 2014v2, RepBase2 and 2028OTBa2 emissions charts, including the display of CA emissions data for RepBase2 and 2028TOBa2 (CA 2014v2 emissions and updated tables, including county level emissions, will be added shortly).  
<http://views.cira.colostate.edu/tssv2/Express/EmissionsTools.aspx>
- Weighted Emissions Potential and Ranked Point Sources for 2028OTBa2 have been updated <http://views.cira.colostate.edu/tssv2/WEP-AOI/>
- States have supplied emissions for 2028 Potential Additional Controls (PAC2) for a 2028OTBa2+PAC2 model run. Emissions have been processed by Ramboll and forwarded to CIRA. 2028OTBa2+PAC2 emissions will be available on the TSS Emissions Express Tools shortly.
- Pat Brewer reviewed Emissions Express Tools to determine that values are consistent with Ramboll delivery.
- States are now reviewing Emissions Express Tools for accuracy and Pat/Tom/CIRA are linking metadata (EI development reports, et cetera) from WRAP Work Groups and other data sources.
- Ramboll has completed the Revised RepBase2 model run with high-level source apportionment.
- Ramboll is scheduled to complete the revised 2028OTBa2 model run with high-level source apportionment by the end of October.

- 2028 visibility projections will be processed using 3 different projection methods and transferred to CIRA to update the TSS Modeling Express Tools in November. ([Procedures for Making 2028 Visibility Projections using the WRAP-WAQS 2014 Modeling Platform](#) (July 24, 2020 draft))
- The 2028OTBa2+PAC2 model run is underway.
- Ramboll will be running 2028OTBa2 state-level source apportionment in November.
- Also in November, Ramboll will run model fire sensitivities to evaluate visibility response by 2028, in terms of Regional Haze reasonable progress metrics, as if the frequency and duration of prescribed fire or wildfire activity were to change as projected by 2028 compared to the 2014-2018 period.
- Ramboll is in the process of setting up a modeling server at CIRA and installing the WRAP 2014v2 CAMx modeling platform with all input data files and associated processing software, and will conduct a verification run to determine: 1) if all 2014v2 model input files were delivered to CIRA, and 2) the results from the 2014v2 model run on the CIRA server matches the reported results from Ramboll. A verification run will also be done for each subsequent scenario as the input files and Ramboll modeling results for those are delivered. This deliverable from Ramboll and the addition of this capacity at CIRA ensures that a complete inventory of tested modeling files are available for download by users of the Intermountain West Data Warehouse.
- The Regional Technical Operations Work Group will meet Nov 17 to review revised model projection results and discuss next steps.
- The Technical Steering Committee / Work Groups' Co-Chairs will have a call before Thanksgiving to review progress on the above topics and other items.

Progress has been steady and remarkable given the distractions of the pandemic, as well as wildfires nearby and far away. Kudos to the hard work by Ramboll and CIRA staff.

A big thank you to everyone for your work in keeping this train moving along! If you have any questions or concerns, please contact me, Tom and/or Pat. I look forward to our next TSC/Work Group Co-Chairs Coordination call in November.

Take care,  
Julie

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