# RHPWG Shared Database Subcommittee

Conference Call July 12, 2018

Agenda:

1. Roll Call

*Cindy H - NM*

*Kristen M – MT*

*Frank F – NV*

*Pat B – NPS*

*Tom M – WRAP/WESTAR*

*Shawn M – CIRA*

*Ted F – CIRA*

*Tina S-M - CA*

1. Administrative
   1. Current Notes

*Notes by Frank F – NV*, *process is to* *submit notes to Cindy for review and editing, Cindy will distribute to SC for review, following SC review Cindy will post to web. No comments on last call notes.*

* 1. For information: Monitoring and Glideslope Subcommittee Sharefile link: <https://azdeq.sharefile.com/d-sc6c4f002be1402ca>
     1. FED IMPROVE Data: <https://azdeq.sharefile.com/d-s9b3ddceda5348b5b>
     2. Workbook Processed Data: <https://azdeq.sharefile.com/d-sa8afc834d6242e7a>
     3. R processed Data: <https://azdeq.sharefile.com/d-sdc04633f03d44918>
     4. R Code: <https://azdeq.sharefile.com/d-sba6395214ab4f0e9>

*Informational item.*

* 1. Coordination with other Workgroups/Subcommittees

*The Monitoring Data and Glide Path SC walked the group through the Sharefile links above, looking at data from representative sites, including workbook and R code tools and results, SC meeting later today with focus on documenting work to date.*

*No other SC or Work Group reports.*

1. Demonstration of new Technical Support System 2 and IMPROVE data analyses
   1. Navigating the IMPROVE site map
   2. Evaluation of Most Impaired Days for example sites
   3. Subcommittee feedback

*Pat B walked the group through a series of demonstrations using the beta TSS v2 website (*[*http://views.cira.colostate.edu/tssv2/VisBrowser/Default.aspx?appkey=VBCF\_VisSummary*](http://views.cira.colostate.edu/tssv2/VisBrowser/Default.aspx?appkey=VBCF_VisSummary)*) data and analytical capabilities. At this point in time, only the beta testers (the Database Subcommittee) has access.*

*The beta TSS v2 website opens to a planning map allowing selection of the IMPROVE site(s), both mandatory and protocol sites, and displays a graph of the annual extinction composition comparing the haziest (labelled RHR2) and most-impaired metric results as speciated stacked bar charts and deciview timelines for the most recent 5 year period, 2012-2016, although a toggle allows the user to select any time period within the data range. A second graph presents the average annual extinction composition for 2012-2016 as bar charts for the haziest days, most impaired days, and natural conditions (natural conditions are presented only for lowest and highest extinction days. [What does “Natural Conditons” mean?).*

*Tabs allow selection of annual/daily data while the boxes allow selection of the year range of the display (default is 2012-2016), the parameters to display (defaults to all parameters), and the grouping of the data using IMPROVE protocols (Group 90 represents the highest 20 percent extinction (“haziest”) days and is the default).*

*Selecting the Daily tab displays the boxes to select the display year and parameters, a speciated bar chart of daily extinction composition with deciview time lines representing the worst days and most-impaired days metrics, a second speciated stacked bar chart sorted by total haze (“haziest” days) with the deciview timelines (for both the haziest and most impaired days), and a third speciated stacked bar chart sorted by impairment with deciview timelines.*

*All graphs provide an option to show the chart data, allowing the user to export the data in workbook, csv, and txt formats.*

*Most-impaired data for all Class I areas in the US will be added to the beta TSS v2, as will monitoring and emissions data. The TSS v2 will also provide an interface to the Intermountain West Data Warehouse (IWDW) to access modeling data. (There is some question as to which modeling data.)*

*The beta TSS v2 will not present all the workbook and R code metric evaluation options. The link to the TSS v2 will be shared with the SC for data examination and evaluation. Users need to register at* <http://views.cira.colostate.edu/tssv2/Auth/Register.aspx>*. CIRA already has a long list of control options to implement. SC to review and provide feedback on TSS v2 with a focus on data products, types of data, and data displays. Feedback to Cindy/Ryan, they will compile and provide to CIRA. Note the Review tab, which provides some review guidance.*

1. Action Items
   1. Subcommittee register on TSS2 site – see link above

Subcommittee review IMPROVE data for your sites - *Review and comments to Cindy and Ryan by July 27th. Cindy and Ryan to compile submitted suggestions for CIRA.*

* 1. CIRA next steps – additional tools and products to be added

1. Meeting schedule (with note-taking requests)

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| **Date of Meeting** | **Notes (Agency)** |
| 5.9.2018 | NMED |
| 6.14.2018 | MT DEQ |
| 7.12.2018 | NV DEP |
| 8.9.2018 | AZ DEQ |
| 9.13.2018 | CARB |
| 10.11.2018 | NMED |
| 11.8.2018 | MT DEQ |
| 12.13.2018 | AZ DEQ |
| 1.10.2019 | NV DEP |
| 2.7.2019 | CARB |
| 3.7.2019 | NMED |
| 4.11.2019 | MT DEQ |
| 5.9.2019 | AZ DEQ |
| 6.13.2019 | NV DEP |
| 7.11.2019 | CARB |

1. Next call scheduled: August 9, 2018 at 10:00 am (AZ scheduled for note-taking)