Syllabus for WRAP Technical Support System (TSS) Training
Implementation Work Group
February 15, 2007

1. Introductory statements:
    a. This training will focus on a specific set of data investigation tools; later trainings will be conducted to review the Weight of Evidence Checklist and Reasonable Progress Demonstrations
    b. A visibility projections tool currently under development (we will look at the beta version today)
    c. New tool development to stop, TSS team will spend next several months on various "clean up" tasks (site consistency, labeling, formatting, WOE checklist redesign, database/web site structural issues)
    d. Completion of AoH Phase 2 document – user guide to the TSS

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2. Overview of Home page navigation

2.1 TSS Home page
    http://vista.cira.colostate.edu/tss/
    a. Resources page http://vista.cira.colostate.edu/TSS/Results/
    b. Methods page http://vista.cira.colostate.edu/TSS/Methods/

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3. Access to Monitoring Data

3.1 Resources/Monitoring/Monitoring Data Browser
    http://vista.cira.colostate.edu/TSS/Tools/MonitoringData.aspx

3.2 Start tab
    a. Select individual or multiple sites
    b. This tab is common to all tab-style tools
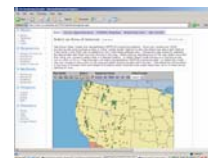
3.3 Time Series tab
    a. Review baseline and historical time series charts of IMPROVE data
    b. Review of tool options

3.4 Natural Conditions II tab
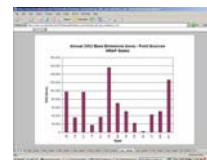   a. Review glide slope and natural conditions charts
    b. Review of tool options

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4. Access to Emissions Data

4.1 Resources/Emissions
    http://vista.cira.colostate.edu/TSS/Results/Emissions.aspx

4.2 Emissions Summaries
- a. State summaries, comparison of baseline and 2018
- b. Regional summaries
- c. State summaries and comparisons
- d. County summaries

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5. Access to Modeling Data

5.1 Resources/Modeling/Modeling Results Browser
http://vista.cira.colostate.edu/TSS/Tools/ModelingResults.aspx
(or just click on the "Visibility Modeling" tab…)

5.2 Model Output tab
- a. Review model results for 2002, the baseline period, and 2018
- b. Review of tool options

5.3 Model Projections tab
- a. Review species glide slopes, natural conditions, and 2018 predictions
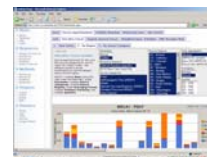- b. Review of tool options

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6. Access to Source Apportionment Results

6.1 Resources/Area of Interest
http://vista.cira.colostate.edu/TSS/Tools/Results.aspx
(or just click on the "Source Apportionment" tab…)

6.2 SOx/NOx Tracer tab
- a. Review contributions by source category and region to sulfate and nitrate modeled at a monitoring site
- b. Review of tool options
- c. Review of "By Region" and "Time Series" tabs

6.3 Organic Aerosol Tracer tab
- a. Review the make up of modeled organic carbon
- b. May help identify the influence of forest fires
- c. Review of tool options

6.4 Weighted Emissions Potential tab
- a. Review the results of the WEP analysis, designed to help states define regions of emissions most likely to impact monitoring sites
- b. Review of tool options