



DRAFT Agenda
Technical Support System Project Meeting – March 29-31
Cooperative Institute for Research in the Atmosphere - Fort Collins, CO
Directions (<http://www.cira.colostate.edu/cira/location.htm>)

Conference call access: 913-312-9376, access code 529258

Wednesday, March 29

1:00 Introductions, Agenda Review

1:30 TSS Project Meeting Overview [Tom/Joe]

- Conceptual overview of TSS project
- Identify goals of the meeting for TSS members and AoH feedback/oversight

2:00 Data Preparation Update

Monitoring data: [Shawn/Rodger]

- All IMPROVE years of monitoring data available on the TSS
- How will the new extinction equation be handled and is it available yet?

Model data: [Gerry/Tom/Shawn]

- Which model runs currently stored in the TSS? Most recent versions only?
- Do we want to store results as model scenarios, IMPROVE species results, and/or source categories' impacts? How do we qualify the interpretation of these data?
- How is data stored – same database/parameters as monitoring data?
- How do we show model performance results?
- What is the best/most appropriate spatial & temporal resolution of modeling data?
- How should we handle the source apportionment results (PSAT, BART, Sensitivity runs, PMF)?

3:00 Break

3:15 Data Preparation Update (continued)

Emissions data: [Gerry/Jeff/Shawn]

- Which inventories are stored in the TSS? Most recent versions only?
- Do we want to store emissions as model scenarios, emissions species cross-referenced to modeled/monitored IMPROVE species, and/or source categories?
- How is it stored? GIS layers only or in CIRA database?
- What is the spatial and temporal resolution of TSS-available data by source category/type? Do we want to qualify the interpretation of these data?
- What layers have been chosen for display on the TSS?
- Where do these layers exist/how are they accessed?

- What contextual layers (boundaries, roads, place names, land use, etc.) are available and which do we include on the TSS?

Metadata:

[Jeff]

- What metadata information and format are we planning to use?
- What other options are there, and what are the long-term ramifications of our selection?

4:30 Discussion

5:00 Adjourn for the day

Thursday, March 30

8:00 Agenda Review, Lunch orders

8:15 Review of TSS Data Documentation **[Gerry/Joe]**

- Where is documentation on the TSS?
- What is documented on the TSS?
 - Monitoring data and extinction descriptions **[Joe]**
 - General model descriptions **[Gerry]**
 - Specific model run descriptions/rationale **[Gerry]**
 - Emissions inventory descriptions **[Gerry]**
 - Weight of evidence descriptions/rationale/tutorial **[Joe]**
- What is the level of detail?
(Send out sample documents for review prior to meeting – request feedback on level of detail, etc.)

9:00 Data Displays and Analysis Tools

Introductory statements

[Shawn/Rodger/Joe]

- How do existing and planned tools meet SIP writer's needs?
- Strengths vs. limitations of TSS
- "Static vs. dynamic" tools on TSS
- Efforts to avoid "feature creep"

Existing tools

[Rodger/Joe]

- Existing VIEWS-type tools
- Image Browser (typically for regional analyses)

10:00 Break

10:15 Data Displays and Analysis Tools (continued)

Tools planned by October 2006

[Rodger/Joe]

- Enhancement of VIEWS-type tools, new tools
- How to enhance existing tools to handle different types of data

(Future tools (after October 2006) to be discussed on Friday, 3/31)

- 10:45 Weight of Evidence Checklist **[Joe/Tom]**
- How does WOE checklist follow SIP requirements?
 - How does WOE integrate what we know about emissions, monitoring and modeling?
 - Which data displays/analysis tools support WOE checklist?
 - Plans for an on-line tutorial

12:00 Lunch at CIRA

1:00 GIS topics

- Introduction to GIS topics **[Shawn]**
- What roles will the Integrated Map Tool and the ARC/IMS Tool play in TSS?
 - How might these roles evolve beyond October 2006?

- Integrated Map Tool (“map widget”) **[Jeff/Patrick]**
- Status of tool
 - Existing and near-term features
 - “Going from the map widget to data – what are the steps/pitfalls?”
 - Available GIS layers both hosted by the TSS and hosted outside of the TSS
 - Future enhancements

- ARC/IMS mapping tool **[Gerry]**
- Status of tool
 - Existing and near-term features
 - Available GIS layers
 - Future integration into TSS?

3:00 Break

- 3:15 Methods for Version Control on the TSS **[Shawn/Rodger/Joe]**
- Define exactly what needs to be controlled
 - Lay out available methods for version control

- 4:00 Plans for TSS Project Support for Future WRAP Meetings **[Joe]**
- TSS involvement in April 24-25 AoH meeting
 - TSS training on April 27 (immediately following AoH meeting)
 - TSS support for May 23-24 Fire/Carbon/Dust meeting

4:30 Discussion

5:00 Adjourn for the day

Friday, March 31

8:00 Agenda Review

