**EPA/MJOs Exceptional Events Wildfire and Prescribed Fire Smoke Workshop**

**Meeting Agenda**

Late Winter 2024

Location TBD

*Objective:* Provide an overview of the Exceptional Events Rule and its application among state, Tribal and local air agencies. Review tools and examples of concurred demonstrations. Foster a collegial environment for shared goals and objectives, ensuring efficient and effective Exceptional Events Rule communication, collaboration and demonstrations.

*Audience:* Federal, state, local and Tribal air and land management agency staff.

**Day 1**

|  |  |  |
| --- | --- | --- |
| **Time** | **Topic** | **Presenter** |
| 8:00-8:15 | Welcome and Introductions |  |
| 8:15-8:35 | Review of Meeting Objectives | Panel-MJOs, EPA, State, FLM representatives |
| 8:35-9:05 | Overview of Exceptional Events Rule   * Statutory/Regulatory requirements * Elements of a demonstration * Communication with your EPA regional office * Mitigation Plans | EPA |
| 9:05-10:05 | EPA Guidance and Tools | EPA |
| 10:05-10:25 | Break |  |
| 10:25-12 noon | EE Demo Tool | Melissa Maestas and Ranil Dhammapala (SCAQMD) |
| 12 noon-1:30 pm | Lunch |  |
| 1:30-2 pm | Area designations for a new/revised NAAQS and exceptional events-include NAAQS overview | EPA |
| 2-3:15 | Flagging Data and Identifying Events   * Identifying Events * Using AQS * I Flags vs R Flags | EPA and state/Tribal/local monitoring/QA experts |
|  |  |  |
| 3:15-3:35 | Break |  |
| 3:35-4:15 | Resources for identifying events and collecting data   * ARA program * FireAQ | Pete Lahm, USFS  Dr. Megan Christiansen, Univ of Iowa |
| 4:15-5:00 | Determining regulatory significance-statistical methods | Zac Adelman, LADCO  Scott Epstein, SCAQMD |
| 5:00 | Adjourn for the day |  |

**Day 2**

|  |  |  |
| --- | --- | --- |
| **Time** | **Topic** | **Presenter** |
| 8:00-8:15 | Overview of Day 2 |  |
| 8:15-10:15 | The Science of Smoke Transport and its impact on ozone and PM   * Tools to estimate smoke emissions * Tools to model smoke transport (HRRR-Smoke, HYSPLIT) * Using satellite data (where to start) * Demonstrating that smoke in the column reaches the ground-tools, techniques and approaches | Sim Larkin (USFS), Dan Jaffe (UW-Bothell), EPA/ORD, Tracey Holloway (Wisconsin) |
| 10:15-10:35 | Break |  |
| 10:35-11:30 | Prescribed Fire Demonstrations   * EPA R4 and Metro4/SESARM Template * Elements * Guidance * Communications * EPA tabletop exercises with USDA FS | EPA R4, R9, R10, Metro4/SESARM |
| 11:30-1:00 | Lunch |  |
| 1:00-2:30 | Wildfire Demonstrations   * Successes and Failures * Essential elements and practices * What is really useful * Transport and events with multiple wildfires * Multi-state collaborations | State, Tribal and Local experts, EPA, LADCO, Sara Strachan (ID-NW collaboration, Michael Geigert |
| 2:30-2:50 | Break |  |
| 2:50-4:15 | * Small group breakouts—exploring alternatives to exceptional events | Small groups |
| 4:15-5:00 | Report out from small groups | All |
| 5:00 | Adjourn |  |

**Day 3**

|  |  |  |
| --- | --- | --- |
| **Time** | **Topic** | **Presenter** |
| 8:00-8:15 | Overview of Day 3 |  |
| 8:15-10:15 | Panel: Collaborating with other agencies   * Working with state and local public health agencies * Communicating with the public about exceptional events-how to explain a complicated rule? * Communicating with the public about public health during an exceptional event-health messaging, air quality alerts, press releases, coordinating information * Lessons learned * Fire AirNow | NWS, Pete Lahm, Incident Commander, state/Tribal/local experts, EPA, state health agencies  Fire AirNow |
| 10:15-10:35 | Break |  |
| 10:35-11:20 | Best practices for communications—what tools and information are needed? –small group breakouts | Small groups |
| 11:20-12 noon | Report out from small groups | All |
| 12-12:15 pm | Wrap-up and Adjourn |  |