

A landscape photograph showing a wide valley with green fields in the foreground, a small town in the middle ground, and a large, dark mountain range in the background under a blue sky with scattered white clouds. The text "Exceptional Events Workgroup?" is overlaid in yellow.

Exceptional Events Workgroup?

A proposal to members

In addition to current Workgroups:

- Ventilation Indices
- Emissions inventories
- Model Performance

Motivation

- Many/most Exceptional Events are regional in nature, affecting more than one state.
 - Wildfires
 - Regional dust events (e.g. Haboobs, “dirty rain” from dry lake beds)
- Collecting evidence is time consuming and a forum for sharing would be useful.
- Consortium members and others could aid in investigating EEs and their contribution:
 - AIRPACT reruns without fires
 - Jaffe group statistical model for ozone
 - Westar/WRAP fire emissions
 - Gale Tonneson’s Stratospheric Intrusion group

Proposal

- Consider adding an Exceptional Events Workgroup
 - Or non-NW-Airquest ad hoc group
- Workgroup activities:
 - Establish a forum for sharing (email list? Web page?)
 - Share EE flagged dates, data, analyses, preliminary documents etc.
 - Propose new consortium tools if appropriate to aid states in EE work
- Explore forecasting EEs in AIRPACT to help mitigate impacts.
 - E.g. include highly erodible soil areas, wind thresholds, and emission rates resulting from tilling, rangeland wildfire, dry lakebed playa areas.
 - Wildfires & Stratospheric Ozone (already implemented)



Discussion?