

## Enhancing DOE operational meteorological program effectiveness through coordination, encouraging atmospheric research, and effective consequence modeling.

### What We Do

Encourage synergistic information exchange between DOE/NNSA and its contractor personnel to identify and resolve meteorological monitoring, dispersion modeling, weather forecasting, and atmospheric science issues related to emergency management throughout the Enterprise.



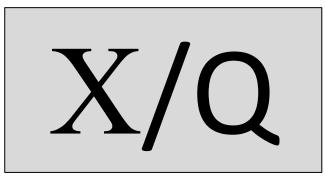
#### 61 Members

### 2024-25 Accomplishments

- Completed the "How to Get a Model into the Toolbox" white paper. Waiting final approval.
- Completed 2 on-site Site Assist Visits and Reports.
- Conducted Argonne SAV follow up consultation.
- Reviewed, updated, and modernized the Consequence Assessment Self-Assessment Guide and cross-walk with DOE 01.151E. Waiting to finalize.
- Promoted meteorology's role in emergency management and establish SC collaborations (SEMTECH GIS, spotlight presentations, increase Storm Ready sites)
- Worked to develop future DMSC Leadership.
- Celebrated 30 years of the DMSC.

# DOE Meteorological Subcommittee













### Leadership

Walt Schalk (NNSS) Chair Carl Mazzola (LANL) Vice Chair **Ben Harm (ORNL)** Steering Committee Advisor Susana Herrera (NA-41) DOE Advisor

### **Spotlights**

- Texas/PANTEX Wildland Fire
- NREL SAV
- Severe Weather Preparedness/ Hurricane Helene
- Open Forum/Round-robins

## 2025-26 Objectives

- up with reach-back for previously conducted SAVs.
- initiate development work. Continue to promote atmospheric science's role in
- **Emergency Management by establishing and furthering** collaboration with other EMI-SIG subcommittees with common goals and objectives (e.g. STARS, SEMTECH). Encourage sites with limited emergency response programs
- to become NWS Storm Ready. Work with the Consequence Assessment Modeling WG to complete the revision to the Consequence Assessment Self-Assessment Guide, develop training in its application, and encourage use of the white paper to include additional models into the Consequence Assessment Modeling Toolbox.
- Foster continued and new participation of the DMSC membership in Task Group, Working Group, and Subcommittee Leadership.



- ORNL Met Program
- Modern Models for Calculating the Atmospheric Dispersion Factor

Provide SMEs for 2 Site Assist Visits (SAVs) at DOE sites/national labs in 2025, potentially 2 in FY26, and follow Identify Numerical Weather Prediction WG products and