

AMS SHORT COURSE: USING PC/MAC-BASED HYSPLIT FOR BASIC TRAJECTORY AND DISPERSION APPLICATIONS

7-11 JANUARY 2018

AUSTIN CONVENTION CENTER

AUSTIN, TX

ORGANIZER & INSTRUCTORS

Roland Draxler, Consultant, Ariel Stein, NOAA ARL, Glenn Rolph, NOAA ARL

PROGRAM (ROOM 18A)

SUN 7 JANUARY

- 8:30 A.M. **ARRIVAL AND INTRODUCTIONS**
 - 8:45 A.M. **LECTURE: PC/MAC INSTALLATION, USER INTERFACE, USING CAPTEX DATA, METEOROLOGICAL DATA, CURRENT DATA**
 - 9:15 A.M. **DEMONSTRATION: TRAJECTORY EXAMPLE, TRAJECTORY EQUATION, COMPUTATIONAL ERROR, METEOROLOGY UNCERTAINTY**
 - 9:45 A.M. **HANDS-ON EXERCISE: TRAJECTORY ERROR**
 - 10:00 A.M. **COFFEE BREAK**
 - 10:30 A.M. **DEMONSTRATION: FREQUENCY ANALYSIS, CLUSTER ANALYSIS, CLUSTER EQUATIONS**
 - 11:15 A.M. **HANDS-ON EXERCISE: CLUSTER ANALYSIS**
 - 11:30 A.M. **LECTURE: AIR CONCENTRATIONS**
 - 12:00 P.M. **SHORT COURSE LUNCHEON (INCLUDED)**
 - 1:00 P.M. **DEMONSTRATION: CAPTEX CONFIGURING, DISPLAY OPTIONS, UTILITY PROGRAMS, VERIFICATION**
 - 2:00 P.M. **ENSEMBLES MULTI-METEOROLOGY, VERIFICATION**
 - 2:45 P.M. **COFFEE BREAK**
 - 3:15 P.M. **HANDS-ON EXERCISE: MULTI-METEOROLOGY ENSEMBLE**
 - 3:30 P.M. **COURSE WRAP-UP/QUESTIONS**
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