

AGENDA

Smoke Tools

Minnesota Interagency Fire Center, Grand Rapids MN
March 13, 2018

8:15am	Check-in opens	
8:30am	<i>Welcome, introductions, and agenda review</i>	Eli Sagor, UMN-SFEC
8:40am	<i>Smoke emissions production and pollutants of concern</i>	Trent Wickman, USFS
	<i>Air quality regulation</i>	
	<i>Practical meteorology</i> Use soundings to determine mixing height, transport, and surface winds and winds above the mixing height -Define weather pattern effects on smoke dispersion -Make sure burning is under conditions that optimize dispersion (examples of small and large burns)	
12:00pm	Lunch	
1:00pm	<i>Application of smoke impact reduction techniques</i> -Lower emissions -Better disperse your smoke	
	<i>Smoke Tools</i> -Learn and practice methods to predict smoke movement and smoke accumulations (students use tools with the example fires they brought with them) -Tools: Smoke Screen, Vsmoke, Digital Photoseries, Bluesky Playground	
	<i>Monitoring – from photos to monitors</i>	
	<i>Communications</i>	
4:00pm	Adjourn	

