

Ohio and Kentucky Smoke Management and Dispersion Modeling Workshop

January 29 – 30, 2008

Maysville Conference Center

24 East Second Street

Maysville, KY 41056

<http://www.cityofmaysville.com/articles/page.asp?articleid=5972>

Day	Time	Topic	Purpose	Speaker	Supporting Documentation
Monday Jan. 28	Travel				
	1700-1800	Registration French Quarter Inn Lobby			
Day 1 Tuesday Jan. 29	Wildland Fire Emissions and Smoke Dispersion Modeling Workshop				
	0730	Registration at Conference Center		Mary Boda	
	0800	Welcome and Introductions Overview of Day	<ul style="list-style-type: none"> ▪ Recap 2006 Workshop ▪ Share Information and Expectations for Today 	Cindy Huber (USFS Air Program)	
	830	Update on the Joint Fire Sciences Research Project	Review activities since last workshop and present data that will be used in today's exercise.	Matt Dickinson (USFS - Northern Research Station)	<ul style="list-style-type: none"> ▪ CONSUME files
	900	Updates/Review of Fuelbed Characterization and Fuel Consumption Tools	Review changes since last workshop	Roger Ottmar (USFS Pacific Northwest Research Station -FERA)	<ul style="list-style-type: none"> ▪ FCCS ▪ Photo Series ▪ CONSUME
	1000	BREAK			<ul style="list-style-type: none"> ▪
	1030	Smoke Dispersion Modeling: An Introduction	Quick primer on dispersion modeling and its role in burn planning	Cindy Huber	<ul style="list-style-type: none"> ▪ Modeling system diagram

	1045	Demonstrate the Fire Emissions Production Simulator (FEPS) and VSMOKE-GIS	<ul style="list-style-type: none"> Show how to use the models, and how fuels and meteorological conditions affect smoke dispersion 	Roger Ottmar and Cindy Huber	<ul style="list-style-type: none"> FEPS User's Manual VSMOKE-GIS Manual
	1215	LUNCH			
	1315	Modeling Exercise: Work on a project that you have brought with you or one that will be provided.	<ul style="list-style-type: none"> Group Project Work independently, or in small groups, to learn how to use the models. 	Assistance provided by Roger Ottmar, Andrea Stacy, Ann Acheson, Anthony Matthews, & Cindy Huber	<ul style="list-style-type: none"> FEPS User's Manual VSMOKE-GIS Manual
	1430	Refreshments available-BREAK as needed			
	1630	Wrap-up	Group discussion on how modeling results can be used	Facilitated by Ann Acheson	
	1700	Adjourn			
	1730	Optional Group Tour	Underground Railroad in Ripley, Ohio (located across the river from Maysville, KY)	Led by Ann Acheson and Mary Ann Olding	
Day 2 Wednesday Jan. 30	Update on Air Regulations and Smoke Management Programs				
	0800	Registration at Conference Center and, Optional Help Session for Modeling	<ul style="list-style-type: none"> Registration for new attendees only Assistance with Dispersion Modeling Problems from the Previous Day 	Mary Boda Air Specialists	
	0830	Welcome and Introductions Overview of Day	<ul style="list-style-type: none"> Recap 2006 Workshop Share Information and Expectations for Today 	Ann Acheson (USFS Air Program Leader)	
	900	Exceptional Events Rule	What it is and how it may affect wildland fire management.	Ann Acheson	

	930	Exceptional Events Rule: Dealing with the details and communications between fire managers and air quality regulators	Describe what fire managers may need to do if suspected of contributing to an exceedence of the NAAQS. Discuss communication plans.	Cindy Huber	
	1015	BREAK			
	1045	Status of Regional Haze and Fine Particulate (PM2.5) State Implementation Plans	<ul style="list-style-type: none"> ▪ Timelines ▪ Contribution of wildland fire emissions ▪ Need for additional controls/management of wildland fire emissions to meet SIP goals 	State Air Regulators: <ul style="list-style-type: none"> ▪ (KY Division of Air Quality) ▪ Bill Spires (OH EPA) 	
	1145	LUNCH			
	1245	Prescribed Fire Program Accomplishments in 2007 and Expectations for 2008	Opportunity for fire managers from various agencies to share information on both 2007 and 2008 programs	Round Robin, facilitated by Cindy Huber	Spreadsheets from individual agencies compiled into one
	1345	Round table discussions on the Ohio Smoke Management Program (under development), and Proposed Basic Smoke Management Practices for Kentucky (Split into two groups by state)	Ohio: Ohio EPA will present the draft SMP which will then be discussed; focusing on questions, concerns and implementation issues. Kentucky: A set of BSMPs will be presented and discussed.	<ul style="list-style-type: none"> ▪ OH Draft SMP presented by Carolina Prado of (OH EPA) ▪ Kentucky discussion of BSMPs facilitated by Cindy Huber (USFS) 	Note-takers will capture discussion and decisions for each group.
	1430	Refreshments available - BREAK as needed			
	1545	Wrap-Up	<ul style="list-style-type: none"> ▪ Reconvene to share progress from each group ▪ Discuss Plans for Workshop 3 in 2009 	Facilitated by Ann Acheson	
	1645	Adjourn			

January 9, 2008