Future Air Quality with Projected Global Changes:
A Progress Review Meeting Presented by EPA Global Change STAR Grantees
For EPA Policy and Research Staff and Directors
Research Triangle Park Campus of the US EPA, Building C, Room 111a-c
Research Triangle Park, North Carolina
October 27 and 28th, 2008

Draft Agenda (as of September 22, 2008)

Monday October 27, 2008		
	8:45 - 9:05	Introduction and Context by Dr. Joel Scheraga, U.S. EPA National Program Director Global Change Research
	9:05 – 9:15	Welcome from OAQPS RTP-VIP
Fire, Climate and Air Quality	9:15 – 9:45	Investigation of the Effects of Changing Climate on Fires and the Consequences for U.S. Air Quality, Using a Hierarchy of Chemistry and Climate Models Dr. Logan, Harvard
	9:45 – 10:15	Break
	10:15 – 10:45	Investigation of the Interactions between Climate Change, Biomass, Forest Fires, and Air Quality with an Integrated Modeling Approach Dr. Shankar, UNC
	10:45 – 11:15	Interaction of ecosystems, fires, air quality and climate change Dr. Wang, GA Tech.
Poster Session	11:15 – 12:00	Posters
	12:00 – 1:15	Lunch
Air Quality Impacts of Changing Land-use and Transportation	1:15 – 1:45	Regional Development, Population Trend, and Technology Change Impacts on Future Air Pollution Emissions in the San Joaquin Valley Dr. Kleeman, UC Davis
	1:45 – 2:15	Advanced Modeling System for Assessing Long-Term Regional Development Patterns, Travel Behavior, Emissions, and Air Quality Dr. Rodriguez, UNC
	2:15 – 2:45	An Integrated Framework for Estimating Long-Term Mobile Source Emissions Linking Land Use, Transportation, and Economic Behavior Dr. Harrington, Resources for the Future
	2:45 – 3:15	Break
	3:15 – 3:45	A Long Term Integrated Framework Linking Urban Development, Demographic Trends and Technology Changes to Stationary and Mobile Source Emissions Dr. Anas, SUNY Buffalo
	3:45 – 4:15	Air Quality, Emissions, Growth, and Change: A Method to Prescribe a Desirable Future Dr. Chang, GA Tech.
	4:15 – 4:45	Policy-Maker reflections

Tuesday October 28, 2008		
	9:00 – 9:15	Introduction by Dr. Dan Costa, U.S. EPA, National Program Director Air Research Program
Air Quality Impacts of Changing Land-use and Transportation	9:15 – 9:45	Predicting the Relative Impacts of Urban Development Policies and On-Road Vehicle Technologies on Air Quality in the US: Modeling and Analysis of a Case Study in Austin, TX Dr. McDonald-Buller, University of Texas
	9:45 – 10:15	Projecting the Effects of Land Use and Technology Change on Future Air Quality in the Upper Midwestern United States Dr. Stone, U.Wisconsin, Madison
	10:15 – 10:45	Break
	10:45 – 11:15	Development and Evaluation of a Methodology for Determining Air Pollution Emissions Relative to Geophysical and Societal Changes Dr. Williams, U. Illinois, Urbana-Champagne
	11:15 – 11:45	Integrating Land Use, Transportation, and Air Quality Modeling Dr. Waddell, U. Washington, Seattle
	11:45 – 1:00	Lunch
Air quality impacts of future electricity generation	1:00 – 1:30	Methodology for Assessing the Effects of Technological and Economic Changes on the Location, Timing and Ambient Air Quality Impacts of Power Sector Emissions Dr. Ellis, Johns Hopkins
Air quality impacts of future biogenic emissions	1:30 – 2:00	New Biogenic VOC Emission Models Dr. Monson, CU-Boulder
	2:00 – 2:30	Impacts of Climate Change and Land Cover Change on Biogenic Volatile Organic Compounds (BVOCs) Emissions in Texas Dr. Yang, U. Texas-Austin
	2:30 – 3:00	Break
	3:00 – 3:30	Reduced Atmospheric Methane Consumption by Temperate Forest Soils Under Elevated Atmospheric CO2: Causative Factors Dr. Whalen, UNC
	3:30 – 4:00	A Coupled Measurement-Modeling Approach to Improve Biogenic Emission Estimates: Application to Future Air Quality Assessments Dr. Mao, U. New Hampshire