Project Manager Qualifications and Organizational Description

Dr. Julian Marshall
Assistant Professor, Department of Civil Engineering, University of Minnesota

B.S., 1996, Chemical Engineering, Princeton University
M.S., 2002, Energy and Resources, University of California, Berkeley
Ph.D., 2005, Energy and Resources, University of California, Berkeley

Dr. Julian Marshall will be the overall coordinator of this project. His research focuses on exposure to air pollution, including pollution dispersion modeling and environmental justice aspects of air quality management.

Dr. Dylan Millet
Assistant Professor, Department of Soil, Water and Climate, University of Minnesota

B.S., 1998, Chemistry, University of British Columbia
Ph.D., 2003, Ecosystem Science, University of California - Berkley

Dr. Dylan Millet's research applies measurements and models to understand the impacts of human activity and natural processes on the chemical composition of the atmosphere. His current research combines ground-based and satellite measurements to better understand air quality and atmospheric composition.

Dr. Kristina Wagstrom
Postdoctoral Associate, Department of Civil Engineering, University of Minnesota

B.S., 2004, Chemical Engineering, Illinois Institute of Technology
Ph.D., 2009, Chemical Engineering, Carnegie Mellon University

Dr. Kristina Wagstrom's research applies regional air quality modeling (using CAMx) and source apportionment approaches to study the origins, transport, and fate of air pollutants.

University of Minnesota
The University of Minnesota is one of the top research universities in the nation with extensive computational resources, making it an ideal location to carry out this research. Specific resources to be used in this study include the Minnesota Supercomputing Institute (http://www.msi.umn.edu) and the Department of Soil, Water, and Climate High Performance Computing Cluster.