Appendix C. Acronyms

AQM: Air quality model

BEIS2:   Biogenic Emission Inventory System, version 2

BEIS3:   Biogenic Emission Inventory System, version 3

BELD3:   Biogenic Emission Landcover Database, version 3

CAMx: Comprehensive Air Quality Model, with Extensions

CMAQ: Community Multiscale Air Quality

CO: Carbon monoxide

EDSS: Environment Decision Support System

EPA: Environmental Protection Agency

EPS: Emissions Preprocessor System

HPC: High Performance Computinh

IDA: Inventory Data Analyzer

LMOS: Lake Michigan Ozone Study

MAQSIP: Multiscale Air Quality Simulation Platform

MCIP: Meteorology Chemistry Interface Processor

MCPL: Meteorology Coupler

MM5:   Pennsylvania State University/National Center for Atmospheric Research fifth‑generation Mesoscale Model

MPS: Major point source

MEPSE: Major elevated point source emissions (same as PinG)

NET: National Emissions Trends

NOx: Nitrogen oxides

PinG: Plume in grid (same as MEPSE)

PM: Particulate Matter

PM10:   Particulate Matter 10 micrometers or smaller

PM2.5:   Particulate Matter 2.5 micrometers or smaller

RADM: Regional Acid Deposition Model

REMSAD: Regulatory Modeling System for Aerosols and Deposition

SMOKE: Sparse Matrix Operator Kernel Emissions

UAM-AERO: Urban Airshed Model, Aerosols

UAM-IV: Urban Airshed Model, version IV

UAM-V: Urban Airshed Model, Variable grid

VOC: Volatile Organic Compound