

Revised. EPA Publication No. EPA-454/R-92-019. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 93-219095)

28. Environmental Protection Agency, 1995. SCREEN3 User's Guide. EPA Publication No. EPA-454/B-95-004. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 95-222766)

29. Environmental Protection Agency, 1987. EPA Complex Terrain Model Development: Final Report. EPA Publication No. EPA-600/3-88-006. Office of Research & Development, Research Triangle Park, NC. (NTIS No. PB 88-162110)

30. Perry, S.G., D.J. Burns, L.H. Adams, R.J. Paine, M.G. Dennis, M.T. Mills, D.J. Strimaitis, R.J. Yamartino and E.M. Insley, 1989. User's Guide to the Complex Terrain Dispersion Model Plus Algorithms for Unstable Situations (CTDMPLUS) Volume 1: Model Description and User Instructions. EPA Publication No. EPA-600/8-89-041. Office of Research & Development, Research Triangle Park, NC. (NTIS No. PB 89-181424)

31. Paine, R.J., 1987. User's Guide to the CTDM Meteorological Preprocessor Program. EPA Publication No. EPA-600/8-88-004. Office of Research & Development, Research Triangle Park, NC. (NTIS No. PB 88-162102)

32. Mills, M.T., R.J. Paine, E.A. Insley and B.A. Egan, 1987. The Complex Terrain Dispersion Model Terrain Preprocessor System—User's Guide and Program Description. EPA Publication No. EPA-600/8-88-003. Office of Research & Development, Research Triangle Park, NC. (NTIS No. PB 88-162094)

33. Perry, S.G., D.J. Burns and A.J. Cimarelli, 1990. User's Guide to CTDMPLUS: Volume 2. The Screening Mode (CTSCREEN). EPA Publication No. EPA-600/8-90-087. Office of Research & Development, Research Triangle Park, NC. (NTIS No. PB 91-136564)

34. Burns, D.J., S.G. Perry and A.J. Cimarelli, 1991. An Advanced Screening Model for Complex Terrain Applications. Paper presented at the 7th Joint Conference on Applications of Air Pollution Meteorology (cosponsored by the American Meteorological Society and the Air & Waste Management Association), January 13-18, 1991, New Orleans, LA.

35. Bjorklund, J.R. and J.F. Bowers, 1982. User's Instructions for the SHORTZ and LONGZ Computer Programs, Volumes I and II. EPA Publication No. EPA-903/9-82-004a and b. U.S. Environmental Protection Agency Region III, Philadelphia, PA. (NTIS Nos. PB 83-146092 and PB 83-146100)

36. Environmental Research and Technology, 1987. User's Guide to the Rough Terrain Diffusion Model (RTDM), Rev. 3.20. ERT Document No. P-D535-585.

Environmental Research and Technology, Inc., Concord, MA. (NTIS No. PB 88-171467)

37. Perry, S.G., 1992. CTDMPLUS: A Dispersion Model for Sources near Complex Topography. Part I: Technical Formulations. *Journal of Applied Meteorology*, 31(7): 633-645.

38. Paumier, J.O., S.G. Perry and D.J. Burns, 1992. CTDMPLUS: A Dispersion Model for Sources near Complex Topography. Part II: Performance

Characteristics. *Journal of Applied Meteorology*, 31(7): 646-660.

39. Meng, Z.D. Dabdub and J.H. Seinfeld, 1997. Chemical Coupling between Atmospheric Ozone and Particulate Matter. *Science*, 277: 116-119.

40. Hidy, G.M., P.M. Roth, J.M. Hales and R.D. Scheffe, 1998. Fine Particles and Oxidant Pollution: Developing an Agenda for Cooperative Research. *JAWMA*, 50: 613-632.

41. Environmental Protection Agency, 1998. Use of Models and Other Analyses in Attainment Demonstrations for the 8-hr Ozone NAAQS (Draft). Office of Air Quality Planning & Standards, Research Triangle Park, NC. (Docket No. A-99-05, II-A-14) [Available on SCRAM Web site as *draft8hr.pdf*; see subsection 2.3]

42. Environmental Protection Agency, 1999. Guidance for Demonstrating Attainment of PM-2.5 NAAQS and for Demonstrating Reasonable Progress in Reducing Regional Haze (Draft). Office of Air Quality Planning & Standards, Research Triangle Park, NC. (Available on SCRAM Web site as *draft-pm.pdf*; see subsection 2.3)

43. Environmental Protection Agency, 1987. PM-10 SIP Development Guideline. EPA Publication No. EPA-450/2-86-001. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 87-206488)

44. U.S. Forest Service, 1996. User Assessment of Smoke-Dispersion Models for Wildland Biomass Burning. USDA, Pacific Northwest Research Station, Portland, OR. General Technical Report PNW-GTR-379. 30pp. (NTIS No. PB 97-163380)

45. Environmental Protection Agency, 1997. Guidance for Siting Ambient Air Monitors around Stationary Lead Sources. EPA Publication No. EPA-454/R-92-009R. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 97-208094)

46. Environmental Protection Agency, 1993. Lead Guideline Document. EPA Publication No. EPA-452/R-93-009. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 94-111846)

47. Environmental Protection Agency, 1998. EPA Third-Generation Air Quality Modeling System. Models-3, Volume 9b: User Manual. EPA Publication No. EPA-600/R-98/069(b). Office of Research and Development, Washington, D.C.

48. Environmental Protection Agency, 1989. Procedures for Applying City-Specific EKMA (Empirical Kinetic Modeling Approach). EPA Publication No. EPA-450/4-89-012. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 90-256777)

49. Meyer, Jr., E.L. and K.A. Baugues, 1987. Consideration of Transported Ozone and Precursors and Their Use in EKMA. EPA Publication No. EPA-450/4-89-010. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 90-255415)

50. Environmental Protection Agency, 2002. User's Guide to the Regulatory Modeling System for Aerosols and Deposition (REMSAD) Version 7. Prepared for Environmental Protection Agency under Contract No. GS-10F-0124J by ICF

Consulting, July 2002; available @ <http://www.epa.gov/scram001/>

51. Environmental Protection Agency, 2003. {This reference is reserved for the User's Manual for the latest version of CMB. Until final publication, see <http://www.epa.gov/scram001/>}

52. Environmental Protection Agency, 2003. Protocol for Applying and Validating the CMB Model for PM2.5 and VOC. EPA Publication No. EPA-454/R-YY-nnn. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB YY-nnnnnn)

53. Environmental Protection Agency, 1988. Chemical Mass Balance Model Diagnostics. EPA Publication No. EPA-450/4-88-005. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 88-208319)

54. Paatero, P. and U. Tapper, 1994. Positive Matrix Factorization: A Non-negative Factor Model with Optimal Utilization of Error Estimates of Data Values. *Environmetrics*, 5: 111-126. (Other documents related to PMF may be accessed via FTP @ <ftp://rock.helsinki.fi/pub/misc/pmf>.)

55. Lewis, C.W., G.A. Norris, R.C. Henry and T.L. Conner, 2003. Source Apportionment of Phoenix PM-2.5 Aerosol with the Unmix Receptor Model. *Journal of the Air & Waste Management Association*, 53(3): 325-338.

56. Environmental Protection Agency, 1994. Guidelines for PM10 Sampling and Analysis Applicable to Receptor Modeling. EPA Publication No. EPA-452/R-94-009. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 94-177441)

57. Environmental Protection Agency, 1992. Guideline for Modeling Carbon Monoxide from Roadway Intersections. EPA Publication No. EPA-454/R-92-005. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 93-210391)

58. Environmental Protection Agency, 1992. User's Guide for CAL3QHC Version 2: A Modeling Methodology for Predicting Pollutant Concentrations near Roadway Intersections. EPA Publication No. EPA-454/R-92-006. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 93-210250)

59. Environmental Protection Agency, 1992. Evaluation of CO Intersection Modeling techniques Using a New York City Database. EPA Publication No. EPA-454/R-92-004. Office of Air Quality Planning & Standards, RTP, NC 27711. (NTIS No. PB 93-105559)

60. Environmental Protection Agency, 1995. Addendum to the User's Guide to CAL3QHC Version 2.0. Staff Report. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (Available from EPA's Internet SCRAM Web site at <http://www.epa.gov/scram001/>)

61. Environmental Protection Agency, 1991. Emission Inventory Requirements for Carbon Monoxide State Implementation Plans. EPA Publication No. EPA-450/4-91-011. Office of Air Quality Planning & Standards, Research Triangle Park, NC. (NTIS No. PB 92-112150)