

Yamada, T., 2005: [Numerical Simulations of Air Flows in and Around a City in a Coastal Region](#), American Meteorological Society Annual Conference, San Diego, California, January 10 - 14, 2005.

Yamada, T., 2004: [Mechanical and Thermal Effects of Buildings on the Air Flows Simulated by a Multiscale Atmospheric Model](#), American Meteorological Society, Vancouver, Canada,

Yamada, T., 2004: [A Numerical Simulation of Air Flow over an Urban Area: Verification of Air Flows over 2-D AND 3-D obstacles with Wind Tunnel Measurements](#), American Meteorological Society Annual Conference, Seattle, Washington, January 11 - 15, 2004.

Yamada, T., 2003: [Numerical Simulation of Airflows around Buildings by Using A Mesoscale Atmospheric Model](#). Air & Waste Management Associations 96th Annual Conference and Exhibition, San Diego, California, June 23 - 25, 2003.

Yamada, T., 2002: [Modification of a mesoscale atmospheric model for simulation of airflow around buildings](#). Air & Waste Management Associations 95th Annual Conference and Exhibition, Baltimore, Maryland, June 23 - 27, 2002.

Yamada, T., 2002: [A Multi-scale Mesoscale Atmospheric Model for Simulation of Airflow around Buildings in Complex Terrain](#). 12th Joint Conference on the Applications of Air Pollution Meteorology with the Air & Waste Management Association, Norfolk, Virginia, May 20 - 24, 2002.

Yamada, T., 2000: A Three-dimensional atmospheric turbulence transport and diffusion model RAPTAD and Verifications of Model Results with Observations. 4th Asian Computational Fluid Dynamics Conference, Mianyang, CHINA, Sept. 18 - 22, 2000.

Yamada, T., 2000: Review of the Mellor and Yamada Second-Moment Turbulence Closure Models and Applications in the Atmospheric Boundary Layer. 3rd Sino-Japan Joint Workshop on Computational Fluid Dynamics, Mianyang, CHINA, Sept. 17-18, 2000.

Yamada, T., 2000: An Attempt in Modeling Building and Terrain Effects Simultaneously in a Mesoscale Model. Air & Waste Management Association's 93rd Annual Meeting, Salt Lake City, UT, June 18-22, 2000.

Yamada, T., 2000: Building and Terrain Effects in a Mesoscale Model. American Meteorological Society 80th Annual Meeting, Long Beach, CA, Jan. 9-14, 2000.

Yamada, T., 1999: Update of the HOTMAC/RAPTAD Modeling System. ANS 7th Topical Meeting on Emergency Preparedness and Response, Santa Fe, NM, Sept. 14-17, 1999

Yamada, T., 1999: An Ensemble Condensation Model for Realistic Cloud Simulations. Air & Waste Management Association's 92rd Annual Meeting, St. Louis, MO, June 20-24, 1999

Yamada, T., 1998 "Numerical Simulations of the Cloud Street Observed Over Metropolitan Loop Road 8 in Tokyo, Japan," AMS 2nd Urban Environ. Symp. Nov. 2-7, 1998, Albuquerque, NM

Wang J., and T. Yamada, 1998: A Study of Airflow and Pollutant Dispersion Over Coastal Complex Terrain. American Meteorological Society Meeting, Phoenix, AZ, January 11-16, 1998.

Yamada, T., 1998: Numerical Simulation of Urbanization on the Local Climate (International Workshop on CFD for Wind Climate in Cities, Hayama, Japan, August 24-26, 1998)

Yamada, T., 1998: Long-Range Transport and Diffusion over Complex Terrain (Air & Waste Management Association Annual Meeting, San Diego, CA, June 15-18, 1998)

Yamada, T., 1998: Numerical Simulations of Vertically Distributed Clouds Associated with Rocket Launching (JANNAF meeting, Houston, TX, April 21-24, 1998)

Yamada, T., 1998: Lagrangian Dispersion Model for Nonneutrally Buoyant Plumes (American Meteorological Society meeting, Phoenix, AZ, January 11-16, 1998)

Yamada, T., 1998: Numerical Simulations of Airflows and Tracer Transport in an Arid Western Mountain Area (American Meteorological Society meeting, Phoenix, AZ, January 11-16, 1998)

Yamada, T., 1997; Ensemble Cloud Modeling for Mesoscale Forecast (Cloud Impact on DoD Operations and Systems, Newport, RI, Sept. 23-25, 1997)

Yamada, T., 1996: Numerical Simulation of Plumes from Multiple Sources in Complex Terrain (Air & Waste Management Association Annual Meeting, Nashville, TN, June 23-28, 1996)

Yamada, T., 1996: A Numerical Simulation of Cloud Distributions over Coastal Complex Terrain (Amer. Meteor. Soc. & 9th Joint Conf. on Appl. of Air Poll. Meteor. with AWMA, Atlanta, GA, Jan. 28-Feb. 2, 1996)

Yamada, T., 1995: A Numerical Simulation of the Eddy Motion and Cloud Distribution over the Santa Barbara (AMS, 21st NATO/CCMS Int'l Technical Meeting on Air Pollution & its Appl., Baltimore, MD, Nov. 6-10, 1995)

Yamada, T., 1995: Prognostic Operational Models for Emergency Preparedness and Response, American Nuclear Society, Savannah, GA, April 18-21, 1995.

Yamada, T., 1995: Three-Dimensional Mesoscale Models: HOTMAC and RAPTAD (11th Symposium, Charlotte, NC, March 25-31, 1995)

Yamada, T., 1994: A Numerical Simulation of Airflows over Complex Terrain with a Four-Dimensional Data Assimilation Method (A&WMA Annual Meeting, Cincinnati, OH, June 18-24, 1994)

Yamada, T., 1994: Forecast Models for Emergency Response (Hazmacon, San Jose, CA, March 29-31, 1994)

Yamada, T., 1992: Development of Real Time Forecast Model System for Emergency Response Management (JANNAF Meeting, 1992 Safety & Environment Protection Subcommittee, August 10 - 14, 1992)

Yamada, T., 1981: A Numerical Simulation of Forest Canopy Flow (AMS Second Conference on Mountain Meteorology, Steamboat Springs, Co, Nov. 9-12, 1981)

Yamada, T., 1980: Air Circulations over a Gaussian-Shaped Valley (American Meteorological Society Second Joint Conference on Applications of Air Pollution Meteorology and Second conference on Industrial Meteorology, March 24-28, 1980, New Orleans, La.)

Yamada, T., 1979 A Numerical Study of the Effects of Complex Terrain on Dynamics of Airflow and Pollutant Dispersion (American Meteorological Society Fourth Symposium on Turbulence, Diffusion, and Air Pollution, Jan. 15-18, 1979, Reno, NV.,213-216)

Yamada, T., 1978: A Three-Dimensional Numerical Study of complex Atmospheric Circulations Produced by Terrain (American Meteorological Society Conference on Sierra Nevada Meteorology, June 19-21, 1978, S. Lake Tahoe, CA)