

## EDITORIAL

### NOAA/EPA Golden Jubilee Symposium

The U.S. Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) and the U.S. Environmental Protection Agency (EPA), and their predecessor agencies, have collaborated on air pollution modeling research and its applications for 50 years. The partnership between NOAA and EPA began when the Air Pollution Unit of the Public Health Service, which later became part of EPA, requested that the U.S. Weather Bureau provide it with meteorological expertise. Thus, in 1955, a special Weather Bureau air pollution unit was formed, integrated with the Public Health Service, and located in Cincinnati, Ohio, moving to Raleigh, North Carolina, in 1969. The unit now is the Atmospheric Sciences Modeling Division/Air Resources Laboratory of NOAA and is collocated with EPA in Research Triangle Park, North Carolina. The division, which has about 55 NOAA scientists and 15 EPA scientists, implements the memorandum of understanding on collaborative research and the memorandum of agreement on transition of research into applications between NOAA and EPA.

To help to celebrate the 50-year partnership between NOAA and EPA, the American Meteorological Society conducted the NOAA/EPA Golden Jubilee Symposium during 19–20 September 2005. The plenary session focused on the past, present, and future of the NOAA–EPA collaboration on atmospheric research, with presentations by NOAA and EPA officials. On the first day, Dr. James R. Mahoney, NOAA Deputy Administrator, gave a keynote address on building multiagency partnerships. On the second day, Dr. Lawrence W. Reiter, Director of EPA's National Exposure Research Laboratory, gave a keynote address on building the scientific foundation for environmental decision making. The technical papers presented at this symposium covered the following topics: the role of air quality models in decision making, meteorological modeling for air pollution applications, air quality model application and evaluation, air quality forecasting, and emerging science in air quality modeling.

Authors of papers presented at the NOAA/EPA Golden Jubilee Symposium were invited to prepare manuscripts for publication in a special collection of the *Journal of Applied Meteorology and Climatology (JAMC)*, subject to the journal's normal peer-review process. As chair of the symposium, I invite you to read some of those papers in this special collection of *JAMC*, and I hope they will stimulate further research in air pollution modeling and its applications.

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## List of Articles in NOAA/EPA Golden Jubilee Special Collection

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- Irwin, J. S., W. B. Petersen, and S. C. Howard, 2007: Probabilistic characterization of atmospheric transport and diffusion. *J. Appl. Meteor. Climatol.*, **46**, 980–993.

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