

## REAL-WORLD METEOROLOGY

*A series of profiles celebrating a half-century of Certified Consulting Meteorologists*



**Who:** Mark Wenclawiak

**What:** Environmental Consultant

**When:** CCM since 2006

**Where:** Canton, Georgia (Metro Atlanta)

**Why:** To validate his role as a technical specialist, and a means to advance his career through a professional registration.



**How:** Mark Wenclawiak has provided air quality consulting, regulatory analysis, and permit application preparation services throughout his career as an environmental, health, and safety practitioner. He specializes in complex air quality regulatory matters such as New Source Review and ambient quality impact analyses. His practical experience includes the design and implementation of meteorological monitoring programs to support permit applications; ambient air quality sampling at Superfund sites; air dispersion and deposition modeling for human health risk assessments; and consultation services with public, private, and governmental agency entities. In recent years, he has expanded his services to include climate change assessments related to federal and state regulatory drivers, as well as for voluntary drivers such as corporate social responsibility and related sustainability programs.

**In His Own Words:** "In my profession, I work with colleagues that have professional certifications and registrations, such as professional engineers, certified industrial hygienists, and professional geologists. As my career advanced, I recognized how obtaining the CCM certification could further credentials, particularly when serving as project manager or technical director on air quality projects. As the air quality profession continues to evolve from 'point source' over a short-term time frame to climate change, which requires longer-term solutions, meteorologists can provide a critical service as scientifically sound resources that understand the complex interactions between man's industrial activities and the atmosphere. Promoting the nontraditional career options (those other than forecasting, teaching, and research) is a priority of mine as we groom the next wave of meteorologists for their careers. When I went this route when coming out of Penn State in 1994, I realized we were a select group of professionals. As climate and the environment continue to be front and center in U.S. policy and our everyday lives, we CCMs who specialize in these practice areas can serve at the forefront of providing innovative solutions."

*For more information on the Certified Consulting Meteorologist (CCM) Program, please visit the AMS Web site at [www.ametsoc.org/amscert/index.html](http://www.ametsoc.org/amscert/index.html).*