In August, President Barack Obama announced his intent to nominate Scott Doney as chief scientist of National Oceanic and Atmospheric Administration. Doney is a senior scientist in the Marine Chemistry and Geochemistry Department of the Woods Hole Oceanographic Institution (WHOI). His research focuses on marine ecosystem dynamics and the role of the ocean in the global carbon cycle. He returned to WHOI in 2002 following 11 years in the Advanced Study Program and Climate and Global Dynamics Division at the National Center for Atmospheric Research in Boulder, Colorado. Doney is a Leopold Leadership Program Fellow and a Fellow of the American Geophysical Union. He is the recipient of the James B. Macelwane Medal, and is the W. Van Alan Clark Sr. Chair at WHOI. Doney received a bachelor’s degree in chemistry from Revelle College at the University of California—San Diego, in 1986 and a Ph.D. in chemical oceanography in 1991 from the Massachusetts Institute of Technology/WHOI Joint Graduate Program.

Vaisala recently signed a $5 million agreement with the Port Authority of New York and New Jersey for Road Weather Information Systems (RWIS) equipment, lightning detection, weather forecasting, software and data services, and 10-year maintenance services. The agreement covers turnkey deliveries to all five airports operated by the Port Authority—John F. Kennedy, LaGuardia, Newark, Teterboro, and Stewart International.

Vaisala’s solution provides the tools needed to maximize winter maintenance resources and minimize chemical usage. It is also a long-term solution for weather monitoring, including weather forecasting and real-time data. The solution offered by Vaisala brings simplicity to all supported airports as data can be easily viewed and shared, and all elements are represented in a single, easy-to-use package.

“The integration of Vaisala and Quixote Transportation Technologies, acquired by Vaisala in December 2009, allows us to provide a very comprehensive offering, the latest technologies, and superior services,”

### REAL-WORLD METEOROLOGY

**Who:** Timothy L. Wilfong  
**What:** Specializing in mission-critical support systems  
**When:** CCM since 2008  
**Where:** Boulder, Colorado  
**Why:** Realized the potential value of certification in consulting  

**How:** Tim became a CCM after more than 35 years of diversified experience in both the military and the private sector. His experience has focused on designing and implementing integrated meteorological systems, performing meteorological research, as well as directing support for and participating in operational activities. In particular, Tim cites developing systems to support space launch operations as his most professionally satisfying experiences.

**In His Own Words:** “The highlights of my 35-plus years before becoming a CCM have been associated with designing and implementing integrated decision support systems to support aviation and space launch operations. The first challenge in designing support systems is to understand the details of the user’s needs. While that sounds very easy, it has been my experience that expressing those requirements in geophysical terms often is one of the most difficult steps. The second challenge, of course, is to translate that set of requirements into a design that works. I get a tremendous thrill seeing systems I have worked on used to support operations.”

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).