EWOC 2006 CONFERENCE SITE

University Corporation for Atmospheric Research (UCAR) (www.ucar.edu) in Boulder, Colorado, is the local host for EWOC 2006 on behalf of the American Meteorological Society (www.ametsoc.org). UCAR's mission is to: support, enhance, and extend the capabilities of the university community, nationally and internationally; understand the behavior of the atmosphere and related systems and the global environment; and foster the transfer of knowledge and technology for the betterment of life on Earth. Founded in 1960, UCAR is a nonprofit consortium of North American member universities, each of which grants doctoral degrees in the atmospheric and related sciences, plus an increasing number of international affiliates offering comparable degrees, and North American academic affiliates offering pre-doctoral degrees. UCAR's Office of Education and Outreach is the local organizer of EWOC 2006.

UCAR manages the **National Center for Atmospheric Research (NCAR)** (www.ncar.ucar.edu) with primary support from the National Science Foundation. NCAR supports the community of atmospheric and geoscience researchers with tools such as aircraft and radar needed to observe the atmosphere. It also provides technology and assistance necessary to interpret and use these observations, including supercomputer access, computer models, and user support. NCAR research projects cover a vast array of topics and collaborations between NCAR scientists and university researchers:

- *atmospheric chemistry*—such as the chemical structure of healthy and polluted air
- *climate*—including temperature, rainfall, winds, and extreme events over decades or centuries, from prehistoric times to the present and into the future
- *weather ingredients*—such as cloud physics, storm structure, and other keys to improved weather forecasting
- *weather hazards to transportation*—including detection and warning systems for turbulence and icing in the air and on the ground
- *interactions between the Sun and Earth*—including solar weather
- *computer science innovation*—for understanding and visualizing the whole Earth system
- *the role of humanity* in both creating change and responding to weather and climate