

You are invited to a luncheon briefing:

Perfecting Weather and Climate Forecasts: The Grand Challenge

Monday, May 19, 2003

12:00 Noon, S-211 the Capitol

How many national priorities can you think of that will enhance the safety and well being of citizens everywhere, improve the nation's economy, improve regional and local economies, help our armed services wherever they are located around the world, and further international cooperation? The improvement of weather and climate forecasts should be high on your list.

You are invited to this briefing to learn about weather and climate forecasting today and answers to questions such as:

- Do we really need *more* atmospheric observations when we make billions per day now?
- How much can forecasts be improved and is it *really* worth the investment needed?
- How are forecasts made and how can they be improved?
- Will the science of forecasting *ever* be perfected?

Find out why George Carlin's *Weather Forecast for Tonight: Dark* isn't the only sure bet as you hear from and converse with these distinguished speakers:

- Dr. Richard A. Anthes, President of the University Corporation for the Atmospheric Research (UCAR). UCAR is a consortium of 66 leading research universities that manages and operates the National Center for Atmospheric Research (NCAR). Dr. Anthes developed one of the first and most successful three-dimensional weather models; today's version is used worldwide for multiple purposes including severe weather evacuation, wildfire management, and counter terrorism. Dr. Anthes is a Member of Environment Canada's Science & Technology Advisory Board, served as the vice chairman for the recent Committee on Partnerships in Weather and Climate Services of the National Research Council, and is chairman of the Committee on NASA-NOAA Transition from Research to Operations (CONNTRO) for the National Academy of Science.
- Dr. Ronald McPherson, Executive Director of the American Meteorological Society (AMS). The AMS is a non-profit scientific and professional organization with a membership of over 10,000 individuals representing the academic, governmental, and private sectors. Dr. McPherson served for nearly 40 years with the National Weather Service, directed the nine National Centers for the Environmental Prediction (NCEP), has published in multiple scientific journals, and is an elected Fellow of the AMS. He is the recipient of several awards including the Department of Commerce Silver Medal and the Presidential Rank Award for exceptional long term accomplishments.

**RSVP by Wednesday, May 14th (a count for lunch is needed)
(303) 497-2102 or gloriak@ucar.edu**

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