

NWS Uncertainty Requirements for Operations (NURO) Team Charter  
April 8, 2008

**Vision:**

NWS operational personnel will have access to the most effective, efficient tools, and related technical information, to generate and communicate uncertainty information to improve the quality of products and services for all users.

**Mission:**

To lead the gathering, organization, and validation of forecast uncertainty requirements from NWS operational field offices and national centers..

**Success Criteria:**

- Identify currently available uncertainty tools for NWS operational personnel.
- Identify general recommendations about future uncertainty tools and requirements for NWS operations.
- Identify uncertainty-training needs for operational personnel.
- Provide NURO progress reports to the NOAA/NWS Forecast Uncertainty Steering Team as requested.
- Communicate the team's findings and developments in a formal document to the NOAA/NWS Forecast Uncertainty Steering Team at assignment completion.
- Satisfaction of the above success criteria will occur by the proposed deadline.

**Scope of Authority and Limitations:**

The NURO has the authority from the NOAA/NWS Forecast Uncertainty Steering Team to obtain uncertainty needs from field offices. The team has authority to add new members as needed. NURO will obtain approval for funding needs and for formal managerial actions from appropriate sources if necessary.

**Team Membership:**

- Lee Anderson – NURO lead (NWS OST)
- Mary Mullusky – backup lead (NWS OCWWS HSD)
- Dave Novak (NWS ERH)
- John Schaake ((NWS OHD)
- Suzanne Lenihan (NWS OCWWS)
- Andrea Bleistein (NWS OST)
- Mike Brennan (NCEP HPC), (alternate: David Bright (NWS SPC))
- Greg Mann (NWS ISST)
- David Bright (NWS SPC)
- Paul Schultz (NOAA GSD)

**Period of Membership:** May 18, 2007 to completion of assignment on or about April 11, 2008.

## **Basic Team Rules, Procedures and Definitions**

- Decisions within the NURO will be occur by consensus. If a consensus cannot occur, guidance will be sought from the NFUSE team to help facilitate a decision or for resolution.
- Face-to-Face meetings will occur approximately in a bi-weekly manner.
- Conference calls will be conducted as needed.
- Team tasks and conclusions from meetings will be recorded at each meeting.
- The team lead is accountable for elevating issues that cannot be resolved at NURO meetings and calls to the NOAA/NWS Forecast Uncertainty Steering team.
- The team lead, or designated backup, is accountable for providing team status briefings at NOAA/NWS Forecast Uncertainty Steering Team meetings.
- The team lead, or designated backup, will be accountable for obtaining new, possible team members. New possible team members will be approved for membership by consensus from the existing NURO.
- Authority thresholds will include control of limited office resources and budgets.
- For this team, NWS field operational personnel include operational hydrologists and meteorologists (e.g., SOOs, senior meteorologists) at WFOs, RFCs, CWSUs, and national centers.