



Would you like to be a part of the development of **risk management tools** that:

- **Can help with management decisions such as buying or selling cattle, utilizing irrigation or limited tillage and whether to plant more drought-resistant crops?**
- **Have some predictive capability, though still highly experimental?**
- **Help communicate ground-level conditions and experiences to federal and state decision-makers, claims adjusters and others?**
- **Can help track market conditions?**

The National Drought Mitigation Center (NDMC) and the University of Nebraska-Lincoln (UNL) Computer Science and Engineering Department are partnering with the United States Department of Agriculture Risk Management Agency (RMA) and the Lower Colorado River Authority to sponsor a **workshop on drought management tools**.

**Date:** Thursday, February 12, 2008  
**Location:** Bastrop, TX  
McKinney Roughs, 1884 State Hwy. 71

***Rolls and coffee will be served in the morning and lunch is provided.***

**Space is limited so please register on-line at:**

**<http://drought.unl.edu/registration/tx2009/txregistration2009.html>** or contact Nicole Wall (NDMC) at 402-472-6776 or [nwall2@unl.edu](mailto:nwall2@unl.edu) or Bob Rose (LCRA) at 512-473-3350 to RSVP or with questions.

**Drought Tools Overview**  
**Thursday, February 12, 2009**  
**McKinney Roughs, 1884 State Hwy. 71, Bastrop, TX 78612**

- 8:30 a.m.            **Registration and Continental Breakfast**
- 9:00 a.m.            **Welcome and Opening Remarks**  
Mark Svoboda, National Drought Mitigation Center  
Suzanne Zarling, Executive Manager of Water Services, Lower Colorado River Authority
- 9:15 a.m.            **Texas Department of Agriculture**  
Gary Walker, Senior Policy Advisor
- 9:30 a.m.            **Clicker Introduction and demographics questions (5-7 Minutes)**  
Nicole Wall, National Drought Mitigation Center

- 9:35 a.m.                   **Local Drought Update, Products, and Outlook**  
Bob Rose, Lower Colorado River Authority  
Victor Murphy, Southern Region Headquarters, National Weather Service  
Mark Lenz, Service Hydrologist, NWS Austin/San Antonio WFO
- 10:05 a.m.                   **Building a New Drought Monitor/Decision Support System  
(DM/DSS): “Putting it All Together”**  
Brian Fuchs, Climatologist, National Drought Mitigation Center,  
University of Nebraska-Lincoln
- 10:45 a.m.                   **Break**
- 11:00 a.m.                   **The GreenLeaf Project: “Looking to the Clouds for more than just the next  
Rain”**  
Ian Cottingham, Software Architect, Laboratory for Advanced  
Research Computing, Computer Science and Engineering,  
University of Nebraska-Lincoln Green Leaf (UNL CSE)
- 11:40 a.m.                   **Grazing Management after Fire and Drought**  
Dr. Charles “Butch” Taylor, Superintendent  
Texas Agrilife Research Station at Sonora
- 12:00 p.m.                   **Lunch**
- 1:00 p.m.                    **Developing a Vegetation Drought Response Index (VegDRI):  
“Monitoring Vegetation Stress from a Local to National Scale”**  
Dr. Brian Wardlow, Remote Sensing Specialist, National Drought  
Mitigation Center, University of Nebraska-Lincoln
- 1:40 p.m.                    **Climate Change and Drought in Texas: Past vs. Future**  
Dr. John Nielsen-Gammon, Texas State Climatologist, Texas  
A&M, College Station
- 2:00 p.m.                    **Drought Impact Reporter: “It’s So Dry....”**  
Kelly Smith, National Drought Mitigation Center,  
University of Nebraska-Lincoln
- 2:40 p.m.                    **Break**
- 3:05 p.m.                    **Developing tools for understanding and communicating Drought**  
Derek Arndt, Associate State Climatologist,  
Oklahoma Climatological Survey
- 3:30 p.m.                    **Open Discussion/Panel Discussion**  
Moderator: Nicole Wall, National Drought Mitigation Center
- 4:15 p.m.                    **Final Thoughts and Adjourn**