

Michael J. Hayes

PROFESSIONAL EXPERIENCE

2007-current Director, NDMC, University of Nebraska-Lincoln (UNL)
2007-current Associate Professor, School of Natural Resources, UNL
2006-07 Associate Director, NDMC, UNL
1995-06 Assistant/Associate Research Professor, School of Natural Resources, UNL
1995-06 Climate Impacts Specialist, National Drought Mitigation Center, UNL
1995-95 Physical Scientist, ASci Corporation, Columbia, MO

EDUCATION

1994 Ph.D., Atmospheric Science, University of Missouri-Columbia
1989 M.S., Atmospheric Science, University of Missouri-Columbia
1986 B.S., Meteorology, University of Wisconsin-Madison

SELECTED PUBLICATIONS

- Ding Y., **M. Hayes**, and M. Widhalm. 2010. Measuring economic impacts of drought: a review and discussion. *Disaster Prevention and Management*. (Accepted)
- Tadesse, T., B. Wardlow, **M. Hayes**, M. Svoboda, and J. Brown. 2010. The Vegetation Condition Outlook (VegOut): a new method for predicting vegetation seasonal greenness. *GIScience and Remote Sensing* 47 (1): 25-52.
- Wardlow, B., **M. Hayes**, M. Svoboda, T. Tadesse, and K. Smith. 2009. Sharpening the focus on drought: new monitoring and assessment tools at the National Drought Mitigation Center. *Earthzine*, unpaginated, <http://www.earthzine.org/2009/03/30/sharpening-the-focus-on-drought-%e2%80%93-new-monitoring-and-assessment-tools-at-the-national-drought-mitigation-center/>.
- Dubrovsky, M., M. D. Svoboda, M. Trnka, **M. J. Hayes**, D. A. Wilhite, Z. Zalud, and P. Hlavinka. 2008. Application of relative drought indices in assessing climate change impacts on drought conditions in Czechia. *Theoretical and Applied Climatology* 96 (1-2): 155-171.
- Wilhite, D. A., M. D. Svoboda, and **M. J. Hayes**. 2007. Understanding the complex impacts of drought: a key to enhancing drought mitigation and preparedness. *Journal of Water Resources Management*, 21(5): 763-774.
- Hayes, M.**, M. Svoboda, D. LeComte, K. Redmond, and P. Pasteris. 2005. Drought Monitoring: New Tools for the 21st Century. In: *Drought and Water Crises: Science, Technology, and Management Issues*, D. Wilhite, ed., CRC Press.
- Wilhite, D. A., **M. J. Hayes**, and C. Knutson. 2005. Drought Preparedness Planning: Building Institutional Capacity. In: *Drought and Water Crises: Science, Technology, and Management Issues*, D. Wilhite, ed., CRC Press.

SELECTED SYNERGISTIC ACTIVITIES

- Member, 2007-present, Nebraska Climate Assessment and Response Committee.
- Member and Co-Chair, 2006-present, NIDIS Program Implementation Team.
- Co-Chair, 2006, Engaging the Preparedness Communities Working Group, NIDIS.
- Member, 2003-2004, WGA/NOAA NIDIS Core Team.
- Co-author, 1999-2005, U.S. Drought Monitor (<http://drought.unl.edu/dm/>).