

**Beth Hall**

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**a. Professional Preparation:**

Ph.D.	Atmospheric Sciences	Univ. of Nevada – Reno	2006
M.S.	Atmospheric Sciences	Univ. of Nevada – Reno	1998
B.A.	Geography	Indiana Univ.	1994

**b. Appointments:**

2012 – present	<i>Director</i> , Midwestern Regional Climate Center, Illinois State Water Survey, Prairie Research Institute, University of Illinois at Urbana-Champaign, IL
2008 – 2011	<i>Assistant Professor</i> , Department of Geography, Towson University, Towson, MD
2007 - 2007	<i>New Hampshire State Climatologist</i> , Department of Geography, University of New Hampshire, Durham, NH
1998 – 2007	<i>Research Scientist / Deputy Director of the Program for Climate, Ecosystem and Fire Applications (CEFA)</i> , Division of Atmospheric Sciences, Desert Research Institute, Reno, NV

**c. Publications:**(i) Most relevant to this proposal:

Westerling, A. L., D. R. Cayan, T. J. Brown, B. L. Hall, and L. G. Riddle, 2004: Climate, Santa Ana winds and autumn wildfires in southern California. *EOS*, **85**(31), 289-296.

Brown, T.J., B.L. Hall, and A.L. Westerling, 2003: The impact of Twenty-First Century climate change on wildland fire danger in the western United States: an applications perspective. *Climatic Change*, 62, 365-388.

(ii) Other significant publications:

Hall, B. L. and R. Davis, 2012: An historical prescribed fire smoke database for North Carolina, *Fire Management Today*. **72** (1), 38-43.

Hall, B. L., 2008: Fire ignitions related to radar reflectivity patterns in Arizona and New Mexico. *Internatl J. of Wildland Fire*, **17**, 317-327.

Evett, R. R. et al., 2008: The effect of monsoonal atmospheric moisture on lightning fire ignitions in southwestern North America. *Agric. Forest Meteorol.*, doi:10.1016/j.agrformet.2008.05.002.

Hall, B. L., 2007: Precipitation associated with lightning ignited wildfires in Arizona and New Mexico. *Internatl. J. of Wildland Fire*, 16(2), 252-254.

**d. Synergistic activities:**

Dr. Hall has worked extensively with large, gridded and station point datasets, both global and regional, to investigate spatial relationships between the atmosphere and other activity on the ground

Dr. Hall has worked with federal, local, and state agencies to develop applied climate tools based upon inter-relationships between the atmosphere, ecosystem, and terrain information.

Dr. Hall has led projects that involve the development of new, applied climate datasets for the wildfire community that were derived from observational data and local, fixed parameters.

As director of the MRCC, Dr. Hall works with multiple climate stakeholders and climate partners to examine climate data and relationships across both space and time to better understand applied climate issues.

**e. Collaborators & other Affiliations:**

(i) Collaborators:

Dr. J. Abatzoglou	Idaho State University
Dr. J. Angle	University of Illinois, Urbana-Champaign
Dr. J. Atkins	University of Illinois, Urbana-Champaign
Dr. T. Brown	Desert Research Institute
G. Curcio	NC Dept of Nat. Resources
Dr. R. Evett	University of California, Berkeley
Dr. R. Hermann	Towson University
S. Hilberg	University of Illinois, Urbana-Champaign
Dr. K. Hubbard	University of Nebraska, Lincoln
D. Kluck	NOAA/NCDC
Dr. D. Kristovich	University of Illinois, Urbana-Champaign
Dr. K. Lu	Towson University
Dr. B. Miller	University of Illinois, Urbana-Champaign
Dr. J. Morgan	Towson University
J. Noel	Ohio River Forecast Center, NOAA
Dr. S. Stephens	University of California, Berkeley
Dr. N. Westcott	University of Illinois, Urbana-Champaign
M. Woloszyn	University of Illinois, Urbana-Champaign

(ii) Graduate Advisors: Dr. T. Brown, Desert Research Institute (MS); Dr. M. Wetzel, Desert Research Institute (PhD)

(iii) Thesis Advisor for: D. Pibal (M.S., 2007)

**f. Currently Funded Grants**

- Woloszyn, M. E. and B. L. Hall. *Reducing flooding vulnerability of Chicago critical facilities*. NOAA Sea Grant Community Climate Adaptation Initiative 2013. \$100,000. (July 1, 2013 – January 31, 2015)
- Hall, B. Regional Climate Services in the Midwest Region: Midwestern Regional Climate Center. NOAA. ~\$900,000. (April 2012 – September 2013)
- Prokopy, L. and others. Useful to Usable (U2U): Transforming Climate Variability and Change Information for Cereal Crop Producers. USDA-AFRI. 5-year grant, MRCC receives approximately \$20K/yr. (June 2011 – May 2015)