

Brenton Sharratt

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Education

PhD Soil Science, University of Minnesota, St. Paul, Minnesota
MS Soil Science and Biometeorology, Utah State University, Logan, Utah
BS Soil Science and Biometeorology, Utah State University, Logan, Utah

Professional Employment

Research Associate, West Virginia University
Soil scientist, USDA-ARS, Fairbanks, Alaska
Soil scientist, USDA-ARS, Morris, Minnesota
Soil scientist, USDA-ARS, Pullman, Washington

Professional Organizations

American Geophysical Union
American Society of Agronomy
International Society for Aeolian Research
Soil Science Society of America

Recent Wind Erosion/Air Quality Related Publications

Sharratt, B.S. and G. Feng. 2007. Loss of soil and PM₁₀ from agricultural fields associated with high winds on the Columbia Plateau. *Earth Surface Processes and Landforms* 32:621-630.

Feng, G. and B. Sharratt. 2007. Validation of WEPS for soil and PM₁₀ loss from agricultural fields on the Columbia Plateau. *Earth Surface Processes and Landforms* 32:743-753.

Feng, G. and B. Sharratt. 2007. Scaling from field to region for wind erosion prediction using WEPS and GIS. *Journal of Soil & Water Conservation* 62:321-328.

Sharratt, B.S. and D. Lauer. 2006. Particulate matter concentration and air quality affected by windblown dust in the Columbia Plateau. *Journal of Environmental Quality* 35:2011-2016.

Feng, G. and B. Sharratt. 2005. Sensitivity analysis of soil and PM₁₀ loss in WEPS using LHS-OAT method. *Transactions of American Society of Agricultural Engineers* 48:1409-1420.