

ANGELA R. GUIDRY

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EDUCATION:

Ph.D., December 2005, Atmospheric, Environmental, and Water Resources, College of Engineering, South Dakota State University, Brookings, South Dakota - Interdisciplinary program with South Dakota School of Mines and Technology, Rapid City, South Dakota.

M.S., December 2002, Environmental Science, Department of Biological and Environmental Sciences, McNeese State University, Lake Charles, Louisiana

B.S., December 1999, Biological Sciences, Department of Biological and Environmental Sciences, McNeese State University, Lake Charles, Louisiana

Continuing Education:

GLP (Good Laboratory Practice) Training, SGS, March 2010

Sales Training, SGS, February 2010

Finance for Non-Financial Managers, SGS, February 2010

Precision Selling, Purdue University, June 2009

Geomorphic Analysis of Fluvial Systems: Fundamentals, Assessments and Analysis for Sediment TMDLs and Stream Restoration, Fargo, North Dakota, August 2007.

EXPERIENCE:

Soil Services Manager/Field Research Scientist, SGS North America, Brookings, SD May 2008

Environmental Scientist/Project Coordinator, East Dakota Water Development District (East Dakota WDD), Brookings, SD, August 2005 – May 2008.

Graduate Research Assistant under Dr. Frank Schindler, Dr. Ronald Gelderman, and David German, Establishing a Relationship Between Soil Test Phosphorus and Runoff Phosphorus for Benchmark Soils in South Dakota, South Dakota State University, August 2002 - August 2005.

PUBLICATIONS:

Schindler, F. V., **A. R. Guidry**, D. R. German, R. H. Gelderman, and J. R. Gerwing. 2009. Assessing Extractable Soil Phosphorus Methods in Estimating Phosphorus Concentrations in Surface Run-off from Calcic Hapludolls. *Soil Use and Management*, 25: 11-20.

Guidry, A. R., F. V. Schindler, D. R. German, and R. H. Gelerman, and J. R. Gerwing. 2006. Using Simulated Rainfall to Evaluate Field and Indoor Surface Runoff Phosphorus Relationships. *Journal of Environmental Quality*, 35:2236-2243 (2006).

Technical Reports /Thesis

Guidry, A. 2005. Evaluation of Phosphorus Loss Potentials of Dominant Agricultural Soils in Eastern South Dakota Using Rainfall Simulations and Laboratory Studies. Doctoral Dissertation, South Dakota State University, Brookings, SD.

Guidry, A., F. Schindler, D. German, R. Gelderman, and J. Gerwing. 2004. Influence of Soil Test Phosphorus on Phosphorus Runoff Losses from South Dakota Soils. Proceeding of the Thirty-Fourth Annual North Central Extension-Industry Soil Fertility Conference in Des Moines, Iowa, November 17-18, 2004. Volume 20: 27-34.

Guidry, Angela. 2002. Cancer Risk Estimate of Calcasieu Parish, Louisiana Residents Based on Air Releases of 1,1,2-Trichloroethane from 1992. M.S. Thesis, McNeese State Univeristy, Lake Charles, LA.

PRESENTATIONS:

Guidry, A., F. Schindler, D. German, R. Gelderman, and J. Gerwing. 2005. Evaluating Phosphorus Loss Potential of Dominant Agricultural Soils in South Dakota - Final Report. Oral Presentation at the ***South Dakota Nonpoint Source Task Force Meeting***. Pierre, SD.

Guidry, A., F. Schindler, D. German, R. Gelderman, and J. Gerwing. 2004. Influence of Soil Test Phosphorus on Phosphorus Runoff Losses from South Dakota Soils. Oral presentation at the ***Proceedings of the Thirty-Fourth Annual North Central Extension-Industry Soil Fertility Conference***. Des Moines, IA. Volume 20: 27-34.

Guidry, A., D. German, R. Gelderman, J. Gerwing, and F. Schindler. 2004. Evaluating Phosphorus Loss from Midwestern Soils Using Simulated Rainfall. Poster presentation at the ***Soil Science Society of America-Crop Science Society of America-American Society of Agronomy International Annual Meeting with the Canadian Society of Soil Science***. Seattle, WA.

HONORS:

2004: Recipient of the North Central Extension-Industry Soil Fertility Conference Outstanding Student Award.

2004: Recipient of the Delbert L. Robbins Scholarship through the Plant Science Department of South Dakota State University.

2003: Recipient of the South Dakota Association of Environmental Professionals Graduate Student Award.

2001: Recipient of the Louisiana Environmental Health Association Frank L. Dautriel Memorial Scholarship Graduate Award.

PROFESSIONAL MEMBERSHIP SERVICE:

American Society of Agronomy (2009-present)

Soil Science Society of America (2003-present)

Society of Environmental Toxicology and Chemistry (2000-2002)

COMMUNITY SERVICE:

Chairman of Boy Scout Troop 13, Brookings, SD (2009-present)

Student poster judge for the Eastern South Dakota Water Quality Conference (November 2009)

Presenter for Big Sioux Water Festival, Brookings, SD (each spring - May 2004-present)

Soccer coach for the Parks and Recreation Department in Brookings, SD (April-May 2005)

Judge for the Eastern South Dakota Science and Engineering Fair, Brookings, SD (April 2005)

T-Ball coach for the Park and Recreation Department in Brookings, SD (May - August 2004)

Field judge for the Buffalo Ridge Boy Scout Klondike Derby in Lake Benton, MN (February 2004)

Aquatic invertebrate demonstration for the Youth Sport Fishing Day in Aberdeen, SD (June 2003)

Assistant Den Leader for Pack 4 of Den 5 Cub Scouts in Brookings, SD (September 2003-2005)

T-Ball coach for the Cameron Parish Youth Baseball League in Cameron, LA (May - July 2002)

President of the McNeese State University Biological and Environmental Sciences Society (September 2000 - May 2002)

REFERENCES:

Ronald Gelderman, Ph.D., Soil Testing Lab Manager, South Dakota State University, Plant Science Department, Box 2207A, Brookings, SD, 57007, 605-688-4770, ronald.gelderman@sdstate.edu

Lisa Bretsch, 2012 Kansas Drive, Brookings, SD 57006, 605-695-0961, lisabretsch@hotmail.com

David German, Research Associate III, South Dakota State University, Water Resources Institute, Box , Brookings, SD 57007, 605-688-5610, david.german@sdstate.edu

Andrew Boerema, Application Developer, VISI, 605-359-6952, 106 Johnstone Circle, Dell Rapids, SD 57022