

PUBLICATIONS/PRESENTATIONS:	Species/Group:	Type:
Willow		
Dickmann, D. and Kuzovkina, Y. A. In press. Poplars and Willows in the World (Chap. 2). In: Richardson, J. and Isebrands, J.G. (eds.) Poplars and Willows: Trees for Society and the Environment. Food and Agriculture Organization, Rome, Italy.	Willow	Book Chapter/ Report
Smart, L.B. and Cameron, K.D. (2012) Shrub willow. In Kole, C., Joshi, C. P., and Shonnard, D. R. (eds.) Handbook of Bioenergy Crop Plants, Taylor and Francis Group, Boca Raton, FL. pp. 687-708.	Willow	Book Chapter/ Report
Stanton, B.J., Smart, L.B., and Serapiglia, M.J. In press. Domestication and Conservation of <i>Populus</i> and <i>Salix</i> Genetic Resources (Chap. 4.). In: Richardson, J. and Isebrands, J.G. (eds.) Poplars and Willows: Trees for Society and the Environment. Food and Agriculture Organization, Rome, Italy.	Willow	Book Chapter/ Report
Volk, T.A. and V. Luzadis. 2009. Willow biomass production for bioenergy, biofuels and bioproducts in New York. In Renewable Energy from Forest Resources in the United States. Routledge Press, New York, NY. Pp 238 – 260.	Willow	Book Chapter/ Report
Volk, T.A., L.P. Abrahamson, T. Buchholz, J. Caputo, and M. Eisenbies. In press. Development and Deployment of Willow Biomass Crops. In Karlen, D. L. (Ed). Cellulosic Energy Cropping Systems, John Wiley & Sons, Ltd.	Willow	Book Chapter/ Report
Volk, T.A., M.A. Buford, B. Berguson, J.Caputo, J.Eaton, J.H. Perdue, T.G. Rials, D. Riemenschneider, B. Stanton, and J.A. Stanturf. 2011. Woody Feedstocks – Management and Regional Differences. In: Braun, R., D. Karlen, and D. Johnson (Eds) Sustainable Alternative Feedstock Opportunities, Challenges and Roadmap for Six U.S. Regions. Proceedings of the Sustainable Feedstocks for Advance Biofuels Workshop. Soil and Water Conservation Society. pp 120-141.	Willow	Book Chapter/ Report
Volk, T.A., T.S. Buchholz, and L.P. Abrahamson. 2011. Biomass Energy Crops: Willow. In U.S. Department of Energy. 2011. U.S. Billion-Ton Update: Biomass Supply for a Bioenergy and Bioproducts Industry. R.D. Perlack and B.J. Stokes (Leads), ORNL/TM-2011/224. Oak Ridge National Laboratory, Oak Ridge, TN. Pp 109-113.	Willow	Book Chapter/ Report
Zalesny , Jr., R.Z., M.W. Cunningham, R.B. Hall, J. Mirck, D.L. Rockwood, J.A. Stanturf, T.A. Volk. 2011. Wood biomass from short rotation woody crops. Sustainable Production of Fuels, Chemicals, and Fibers from Forest Biomass. ACS Symposium Series, Vol. 1067:27-63.	Willow	Book Chapter/ Report

Cameron, K.D., Loeb, G.M., Abrahamson, L.P., White, C., and Smart, L.B. (2010) Willowpedia Fact Sheet: "Japanese beetle, <i>Popillia japonica</i> Newman", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Cameron, K.D., Loeb, G.M., Abrahamson, L.P., White, C., and Smart, L.B. (2010) Willowpedia Fact Sheet: "Potato leafhopper, <i>Empoasca fabae</i> Harris", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Cameron, K.D., Loeb, G.M., Abrahamson, L.P., White, C., and Smart, L.B. (2010) Willowpedia Fact Sheet: "Willow leaf beetles, <i>Calligrapha multipunctata</i> and <i>Plagiodera versicolora</i> ", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Cameron, K.D., Loeb, G.M., Abrahamson, L.P., White, C., and Smart, L.B. (2010) Willowpedia Fact Sheet: "Willow sawfly, <i>Nematus ventralis</i> Say", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: "Black Canker", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: " <i>Botryosphaeria</i> Canker", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: "Leaf Rust", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: "Leucostoma Canker", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: "Powdery Mildew", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Kenaley, S.C., Hudler, G.W., Dailey O'Brien, D., Cameron, K.D. and Smart, L.B. (2011) Willowpedia Fact Sheet: "Willow Scab", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material

Smart, L.B. and Rak, D. (2013) Willowpedia Fact Sheet: "Improving the Yields of Shrub Willow Bioenergy Crops", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Smart, L.B., Cameron, K.D., Rak, D., Wrege, M. (2010) Willowpedia Fact Sheet: "Breeding and Commercialization of Shrub Willow Bioenergy Crops", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Smart, L.B., Rak, D., and Salon, P. (2012) Willowpedia Fact Sheet: "Demonstrating Improved Yield of Shrub Willow Bioenergy Crops-Big Flats", Cornell University, College of Agriculture and Life Sciences, Geneva, NY.	Willow	Extension Material
Caputo, J., S. Balogh, T.A. Volk, L. Johnson, M. Puetzman, B.R. Lippke, E. Oneil. 2013. Incorporating uncertainty analysis into life-cycle analysis (LCA) of short-rotation willow biomass (<i>Salix</i> spp.) crops. <i>Bioenergy Research</i> . DOI 10.1007/s12155-013-9347-y.	Willow	Peer reviewed publicaton
Kenaley, S.C., Smart, L.B., and Hudler, G.W. In revision. Genetic evidence for three discrete taxa of <i>Melampsora</i> (Pucciniales) affecting willows (<i>Salix</i> spp.) in New York State. <i>Fungal Biology</i> .	Willow	Peer reviewed publicaton
Quaye, A. and T.A. Volk. 2013. Biomass production and soil nutrients in organic and inorganic fertilized willow biomass production systems. <i>Biomass and Bioenergy</i> 57:113-125.	Willow	Peer reviewed publicaton
Schifman, L.A., Stella, J.C., Volk, T.A. and Teece, M.A.2012. Carbon isotopic variation in shrub willow (<i>Salix</i> spp.) ring-wood as an indicator of long-term water status, growth and survival. <i>Biomass and Bioenergy</i> 36:316-326.	Willow	Peer reviewed publicaton
Serapiglia, M.J., K. Cameron, A.J. Stipanovic, L.P. Abrahamson, T.A. Volk and L.B. Smart. 2013. Yield and Woody Biomass Traits of Novel Shrub Willow Hybrids at Two Contrasting Sites. <i>Bioenergy Research</i> 6:533-546.	Willow	Peer reviewed publicaton
Volk, T A, L P Abrahamson, K D Cameron, P Castellano, T Corbin, E Fabio, G Johnson, Y Kuzovkina-Eischen, M Labrecque, R Miller, D Sidders, L B Smart, K Staver, G R Stanosz And K Van Rees. 2011. Yields of willow biomass crops across a range of sites in North America. <i>Aspects of Applied Biology</i> 112:67-74.	Willow	Peer reviewed publicaton
Zhivotovsky, O.P. and Kuzovkina, Y. A. 2010. Response of two <i>Salix</i> L. species to water deficit. <i>Journal of Environmental Horticulture</i> 28(2):63-68.	Willow	Peer reviewed publicaton

B. Liu, T.A. Volk, L.P. Abrahamson, Eric Fabio, G. Johnson, L.B. Smart, G. Stanotz. 2013. Yields of willow short rotation coppice across 16 sites. Biomass 2013, Washington, DC, June 30 – July 2, 2013.	Willow	Presentation
Caputo, J., S. Balogh, T.A. Volk, L. Johnson, M. Puttman, B. Lippke, E. Oneil. 2013. Life cycle analysis of willow biomass crops. Thousand Island Renewable Energy Forum, Kingston, ON, June 13 – 15, 2013	Willow	Presentation
Caputo, J., S.B. Balogh, T.A. Volk, L. Johnson, M. Puttman, B.R. Lippke, E. Oneil. 2013. Life Cycle Assessment (LCA) Shows That Willow Biomass Crops Sequester C and Have a High Net Energy Balance Over Seven Three Year Rotations. Biomass 2013, Washington, DC, June 30 – July 2, 2013.	Willow	Presentation
Fabio, E. and Volk, T.A. 2010. Woody biomass for biofuels, bioenergy and bioproducts. A Different Shade of Green job training program, Session 3. Tully, NY, August 27, 2010.	Willow	Presentation
Rials, T. and T. A. Volk. 2011. Sun Grant/DOE Feedstock Development Partnership – Woody Crops. DOE Feedstock Peer Review meeting, April 7-8, 2011, Annapolis, MD.	Willow	Presentation
Rials, T., T.A. Volk, B. Berguson, and M. Downing. 2013. Regional Feedstock Partnership: Woody Crops. USDOE Peer Review. Washington, DC, May 22, 2013.	Willow	Presentation
Smart, L.B. 2010. Breeding for improved yield and biomass composition in shrub willow bioenergy crops, Dept. of Genetics and Biochemistry, Clemson University, March 26, 2010. Invited departmental seminar.	Willow	Presentation
Smart, L.B. 2010. Genetics, genomics, and breeding of shrub willow bioenergy crops, Dept. of Plant Breeding and Genetics, Cornell University, March 16, 2010. Invited departmental seminar.	Willow	Presentation
Smart, L.B. 2010. Heating up interest in shrub willow bioenergy crops, New York State Agricultural Experiment Station Director's Advisory Council, Geneva, NY, Feb. 4, 2010. Keynote dinner speaker.	Willow	Presentation
Volk, L.P. Abrahamson, T. Buchholz, P. Castellano, C. Foster, M. McArdle, J. Posselius, and B. Stanton. 2010. Development of a harvesting system for short rotation willow and hybrid poplar biomass crops. Biomass 2010, March 30-31, Washington, DC.	Willow	Presentation

Volk, T., Buford, M., Berguson, B., Caputo, J., Eaton, J., Perdue, J., Rials, T., Riemenschneider, D., Stanton, B., Stanturf, J. 2010. Woody Feedstocks – Management and regional Differences. Soil and Water Conservation Society meeting Sept. 27-30, 2010, Atlanta, GA.	Willow	Presentation
Volk, T.A, M. Buford, B. Berguson, J. Caputo, J. Eaton, J. Perdue, T. Rials, D. Riemenschneider, B. Stanton, J. Stanturf, B. Stokes. 2011. Sources of Woody Biomass. EPA Workshop on Biofuels and the Environment, November 29 – Dec. 1, 2011, Washington, DC. .	Willow	Presentation
Volk, T.A. 2009. Agriculture and Renewable Energy. Advanced Training Workshops in Alternative Energy. SUNY – ESF, July 29, 2009, Syracuse, NY.	Willow	Presentation
Volk, T.A. 2009. Commercializing willow biomass crops for bioenergy, biofuels, and bioproducts in the northeast and Midwest U.S. Presentation to Mario Musolino, Executive Deputy Commissioner of Labor for NYS, SUNY-ESF, Syracuse, NY, September 18, 2009.	Willow	Presentation
Volk, T.A. 2009. Willow Biomass Crops: Home Grown Renewable Energy. Cayuga Community College Green Entrepreneurship Class. June 29, 2009.	Willow	Presentation
Volk, T.A. 2010. Agriculture and Renewable Energy. Advanced Training Workshops in Alternative Energy. SUNY – ESF, August 2, 2010, Tully, NY.	Willow	Presentation
Volk, T.A. 2010. Estimates of Sustainably Produced Biomass Feedstocks in New York. Bioenergy Market Development Conference, Adirondack Research Consortium, February 17, 2010, Saratoga Springs, NY.	Willow	Presentation
Volk, T.A. 2010. Potential Supply of Sustainably Produced Biomass in New York. NY SAF meeting, Syracuse , NY January 28-29, 2010.	Willow	Presentation
Volk, T.A. 2010. Woody biomass as a source of renewable energy. Indian Forest Service Phase V Mid-Career Training Program (IFS Phase V), Syracuse, NY, June 21, 2010.	Willow	Presentation
Volk, T.A. 2011. Biomass Energy. Advanced Training Workshops in Alternative Energy. SUNY – ESF, August 16, 2011, Tully, NY.	Willow	Presentation

Volk, T.A. 2011. Development of short rotation woody crops for the Northeast U.S. Binghamton University, November 28, 2011.	Willow	Presentation
Volk, T.A. 2011. Short rotation woody crops for energy in the Northeast. Northeast Wood Energy Webinar Series, Pennsylvania State University, August 26, 2011.	Willow	Presentation
Volk, T.A. and R. Miller. 2011. Willow biomass crop feedstock development. Sun Grant/DOE Regional Feedstock Partnership meeting, Knoxville, TN, Feb. 15 – 17. 2011.	Willow	Presentation
Volk, T.A. 2010. Commercializing Willow Biomass Crops for Bioenergy, Bioproducts, Phytoremediation and Agroforestry in the Northeastern and Midwestern United States. Entrepreneurship Class, SUNY ESF Syracuse, NY August 9, 2010.	Willow	Presentation
Volk, T.A. 2010. Willow Biomass Crop Feedstock Development. Sun Grant Feedstock Partnership meeting, February 23-24, 2010, San Antonio, TX.	Willow	Presentation
Volk, T.A. 2010. Willow biomass crops for bioproducts and bioenergy. TAPPI, Atlanta, GA March 14 – 16, 2011.	Willow	Presentation
Volk, T.A. 2010. Woody biomass for biofuels, bioenergy and bioproducts. Different Shades of Green job training program. Tully, NY, June 18, 2010.	Willow	Presentation
Volk, T.A. 2013. Woody Biomass: Old Time Fuel or Future Renewable Energy. Advanced Energy Research and Technology Conference. New York, NY. April 30 – May 1, 2013.	Willow	Presentation
Volk, T.A., B. Liu, J. Caputo, E. Fabio ,L. Abrahamson, J. Kuzovkina, R. Miller, L. Smart, G. Johnson. 2013. Willow biomass crop feedstock development. Sun Grant feedstock Partnership meeting, Tunica, MS. Feb. 13 – 15, 2013.	Willow	Presentation
Volk, T.A., L.P. Abrahamson, T. Buchholz, and P. Castellano. 2009. Presentation to Ed Rinefurt, Executive Director of NYSTAR, on commercialization of willow biomass crops, SUNY-ESF, Syracuse, NY, July 24, 2009.	Willow	Presentation

<p>Volk, T.A., L.P. Abrahamson, T. Buchholz, M. Eisenbies, G. Johnson. 2013. The future of Willow Biomass Crops: A U.S. Perspective. SRWC and Agroforestry across Canada for Small and Large Scale Feedstock and Bioenergy Production, Montreal, QC, March 20, 2013.</p>	<p>Willow</p>	<p>Presentation</p>
<p>Caputo, J., S. Balogh, T.A. Volk, L. Johnson, M. Puttman, B. Lippke, E. Oneil. 2012. Incorporating uncertainty into life cycle analysis (LCA) of short rotation willow willow (Salix spp.) crops. Sun Grant Initiative National Conference, New Orleans, October 2 – 5.</p>	<p>Willow</p>	<p>Proceeding</p>
<p>Carlson, J.E., J.R. Herr, A. Kemanian, S. DiFazio, T. Volk, M. Jacobson, R.O. Miller, L. Smart. 2012. Studying the effects on woody biomass productivity of genotype by environment interactions. Sun Grant Initiative National Conference, New Orleans, October 2 – 5.</p>	<p>Willow</p>	<p>Proceeding</p>
<p>Eisenbies, M.H., L.P. Abrahamson, P. Castellano, C. Foster, M. McArdle, J. Posselius, R. Shurn, B. Stanford, B. Summers, T.A. Volk, J. Zerpa. 2012. Development and deployment of a short-rotation woody crop harvesting system based on a New Holland forage harvester and SRC woody crop header. Sun Grant Initiative National Conference, New Orleans, October 2 – 5.</p>	<p>Willow</p>	<p>Proceeding</p>
<p>Pacaldo, R., T.A. Volk, R.D. Briggs, L.P. Abrahamson, E. Bevilacqua and E. Fabio. 2012. Soil CO2 effluxes in shrub willow biomass crops along a 21-year chronosequence as affected by continuous production and crop removal. Sun Grant Initiative National Conference, New Orleans, October 2 – 5.</p>	<p>Willow</p>	<p>Proceeding</p>
<p>Smart, L.B., F.E. Gouker, M.J. Serapiglia, C.D. Town, H. Tang, E.S. Buckler, R.J. Elshire, S.E. Mitchell, S. Difazio, E. Rodgers-Melnick, G.A. Tuskan, J.E. Carlsong, R.O. Miller, T. A. Volk. 2012. Development of genomic resources and novel species hybrids for the genetic improvement of shrub willow feedstocks. Sun Grant Initiative National Conference, New Orleans, October 2 – 5.</p>	<p>Willow</p>	<p>Proceeding</p>
<p>Volk, T.A. 2010. Short rotation woody crops: Production and Sustainability. Sustainable Forestry Initiative Webinar, January 13, 2010.</p>	<p>Willow</p>	<p>Webinar</p>
<p>Volk, T.A. 2010. Carbon cycling in willow biomass crops. 25 x 25 Wood-to-Energy Roadmap: Carbon Workshop, April 1, 2010, Arlington, VA.</p>	<p>Willow</p>	<p>Workshop</p>
<p>Switchgrass</p>		

Switchgrass	Kumar, S., C.O. Hong, V.N. Owens, D.E. Clay, M. Lehman, S.L. Osborne, T.E. Schumacher, and E.G. Mbonimpa. 2013. Soil carbon dioxide fluxes from switchgrass land under nitrogen fertility management in South Dakota. ASA-CSSA-SSSA Annual Meetings, 3-6 Nov., Tampa, FL.	Switchgrass	Abstract
	Owens, V., C.O. Hong, D. Bransby, R. Farris, J. Fike, E. Heaton, H. Mayton, R. Mitchell, and D. Viands. 2012. Switchgrass production across diverse environments in the USA: A Regional Feedstock Partnership Report. ASA-CSSA-SSSA Annual Meetings, 21-24 Oct. 2012, Cincinnati, OH	Switchgrass	Abstract
	C.O. Hong, V.N. Owens, T. Schumacher, D. Clay, E. Heaton, R. Farris, D. Viands, H. Mayton, J. Fike, D. Bransby, C. Hopkins. 2011. Field-scale Production of Switchgrass for Bioenergy Across the US. International Biomass Conference, 1-5 May 2011, St. Louis, MO.	Switchgrass	Abstract
	Owens, V., D. Bransby, R. Farris, J. Fike, E. Heaton, C. Hong, C. Hopkins, H. Mayton, R. Mitchell, D. Viands. 2011. Switchgrass Production across the USA: A Regional Feedstock Partnership Update. The World Congress on Industrial Biotechnology and Bioprocessing, 8-11 May 2011, Toronto, Ontario, Canada.	Switchgrass	Abstract
	Heaton and Viands. 2011. Field-Scale Yield of Switchgrass Under Varying Nitrogen Management Treatments In New York State. In ASA Abstracts	Switchgrass	Abstract
	Nyoka, B., P. Jeranyama, V. Owens, A. Boe, and M. Moechnig. 2007. Management guide for biomass feedstock production from switchgrass in the northern Great Plains. SGINC2-7, North Central Sun Grant Center, Brookings, SD.	Switchgrass	Outreach publication
	Anderson, E.K., A.S. Parrish, T.B. Voigt, V.N. Owens, C.H. Lee, and D.K. Lee. 2013. Nitrogen fertility and harvest management of switchgrass for sustainable bioenergy feedstock production in Illinois. <i>Indust. Crops and Products</i> 48:19-27.	Switchgrass	Peer reviewed publicaton
	Owens, V.N., D.R. Viands, H.S. Mayton, J.H. Fike, R. Farris, E. Heaton, D.I. Bransby, C.O. Hong. 2013. Nitrogen Use in Switchgrass Grown for Bioenergy across the USA. <i>Biomass and Bioenergy Res.</i> 58:286-293. http://dx.doi.org/10.1016/j.biombioe.2013.07.016	Switchgrass	Peer reviewed publicaton
	Watrud, L.S., J.R. Reichman, M.A. Bollman B.M. Smith, E.H. Lee, J.D. Jastrow, M.D. Casler, H.P. Collins, S. Fransen, R.B. Mitchell, V.N. Owens, B. Bean, W.L. Rooney, D.D. Tyler and G.A. King. 2012. Chemistry and Microbial Functional Diversity Differences in Biofuel Crop and Grassland Soils in Multiple Geographies. <i>Bioenergy Res.</i> DOI 10.1007/s12155-012-9279-y	Switchgrass	Peer reviewed publicaton
E.G. Mbonimpa, C.O. Hong, V. Owens, R.M. Lehman, S.L. Osborne, T. Schumacher, D. Clay, And S. Kumar. <i>Nitrogen fertilizer and landscape position impacts on CO2 and CH4 fluxes from a landscape seeded to switchgrass. GCB Bioenergy (in review)</i>	Switchgrass	Peer reviewed publicaton	

<p><i>C. O. Hong, V. N. Owens, D. Bransby, R. Farris, J. Fike, E. Heaton, S. Kim, H. Mayton, R. Mitchell, D. Viands. Switchgrass Response to Nitrogen Fertilizer across Diverse Environments in the USA: a Regional Feedstock Partnership Report. Bioenergy Research (in review)</i></p>	<p>Switchgrass</p>	<p>Peer reviewed publication</p>
<p>Owens, V. 2013. Multi-use grasses—The intersection between forage and bioenergy crops in a changing climate. Bioenergy Crops in Central Illinois, Argonne National Laboratory, 8 March 2013.</p>	<p>Switchgrass</p>	<p>Presentation</p>
<p>Owens, V., D. Bransby, R. Farris, J. Fike, E. Heaton, C.O. Hong, C. Hopkins, H. Mayton, R. Mitchell, and D. Viands. 2012 Switchgrass response to N fertilizer across diverse environments in the US. 2013 Regional Feedstock Partnership Annual Meeting, 25-27 March 2013, Tunica, MS.</p>	<p>Switchgrass</p>	<p>Presentation</p>
<p>Owens, V.N., Farris, R., J. Fike, E. Heaton, C. Hong., H. Mayton, R. Mitchell, D. Bransby, and D. Viands. 2013. Switchgrass for Biomass Production across Diverse Environments in the USA: A Five Year Regional Feedstock Partnership Report. 2013 European Biomass Conf. and Exhibit, Copenhagen, Denmark, 3-7 June 2013.</p>	<p>Switchgrass</p>	<p>Presentation</p>
<p>Owens, V., B.S. Baldwin, D.K. Lee, and T. Voigt. 2013. Perennial Herbaceous Energy Crops and CRP Land for Biomass Production in the USA: A Five Year Regional Feedstock Partnership Report. The World Congress on Industrial Biotechnology and Bioprocessing, Montreal, Quebec, Canada, 16-19 June 2013.</p>	<p>Switchgrass</p>	<p>Proceedings</p>
<p>Mitchell, R., V.N. Owens, N. Gutterson, E. Richard, and J. Barney. 2011. Herbaceous perennials: placement, benefits and incorporation challenges in diversified landscapes. In Proc. of the Sustainable Feedstocks for Advance Biofuels Workshop, R. Braun et al. (eds), Soil and Water Cons. Soc. 28-30 Sep. 2010, Atlanta, GA.</p>	<p>Switchgrass</p>	<p>Proceedings</p>
<p>Hong, C.O., V.N. Owens, T. Schumacher, D. Clay, S. Osborne, M. Lehman, and J. Schumacher. 2012. Nitrogen losses from switchgrass as affected by nitrogen fertilizer rate. 2012 National Sun Grant Conference, 2-5 Oct. 2012, New Orleans, LA.</p>	<p>Switchgrass</p>	<p>Proceedings</p>
<p>Owens, V., B.S. Baldwin, D.K. Lee, and T. Voigt. 2013. Perennial Herbaceous Energy Crops and CRP Land for Biomass Production in the USA: A Five Year Regional Feedstock Partnership Report. The World Congress on Industrial Biotechnology and Bioprocessing, Montreal, Quebec, Canada, 16-19 June 2013.</p>	<p>Switchgrass</p>	<p>Proceedings</p>
<p>Owens, V., D. Bransby, R. Farris, J. Fike, E. Heaton, C.O. Hong, C. Hopkins, H. Mayton, R. Mitchell, and D. Viands. 2012 Switchgrass response to N fertilizer across diverse environments in the US. 2012 National Sun Grant Conference, 2-5 Oct. 2012, New Orleans, LA.</p>	<p>Switchgrass</p>	<p>Proceedings</p>

Sorghum			
Sorghum	Bartek, MS, PE Klein, JE Mullet, WL Rooney. QTL FOR BIOMASS YIELD AND COMPOSITION IN ENERGY SORGHUM (SORGHUM BICOLOR L. MOENCH). Submitted to the National Sungrant Meeting	Sorghum	Abstract
	Burks, PS, TJ Felderhoff, HP Viator and WL Rooney. 2013. The influence of hybrid maturity and planting date on sweet sorghum productivity during a harvest season. Agronomy Journal 105, 263-267.	Sorghum	Peer reviewed publicaton
	Dahlberg, JA, E Wolfrum, B Bean, and WL Rooney. Compositional and agronomic evaluation of sorghum biomass as a potential feedstock for renewable fuels. Journal of Biobased Materials and Bioenergy	Sorghum	Peer reviewed publicaton
	Olson SN, K Ritter, W Rooney, A Kemanian, B. McCarl, Y. Zhang, S. Hall, and J Mullet. 2012. High Biomass Yield Energy Sorghum: Developing A Genetic Model for C4 Grass Bioenergy Crops. Biofuels, Bioproducts and Biorefining. DOI: 10.1002/bbb.1357	Sorghum	Peer reviewed publicaton
	Stefaniak TR, E Wolfrum, JA Dahlberg, BR Bean, N Dighe, and WL Rooney. 2012. Variation in biomass composition components among forage, biomass and sweet sorghums. Crop Science. 52:1949–1954. doi: 10.2135/cropsci2011.10.0534	Sorghum	Peer reviewed publicaton
	Stefaniak TR, E Wolfrum, JA Dahlberg, BR Bean, N Dighe, and WL Rooney. 2012. Variation in biomass composition components among forage, biomass and sweet sorghums. Crop Science. 52:1949–1954. doi: 10.2135/cropsci2011.10.0534	Sorghum	Peer reviewed publicaton
	Hoffmann Jr, L and WL Rooney. Accumulation of biomass and compositional change over the growth season for six photoperiod sensitive sorghum lines. Bioenergy Research (accepted).	Sorghum	Peer reviewed publicaton
	<i>Gill, J.R., PS Burks, SA Staggenborg, GN Odvody, RW Heiniger, B Macoon, KJ Moore, M Barrett, WL Rooney. Yield results and stability analysis from the sorghum regional biomass feedstock trials. Bioenergy Research (in review)</i>	Sorghum	Peer reviewed publicaton
	Gill, John R., William L. Rooney, Payne Burks, Scott A. Staggenborg, Gary N. Odvody, Ron W. Heiniger, Bisoondat Macoon, Ken J. Moore, Michael Barrett, Jeff F. Pedersen. AGRONOMIC RESULTS FROM THE SORGHUM REGIONAL BIOMASS FEEDSTOCK TRIAL. Submitted to the National Sungrant Meeting	Sorghum	Proceedings

	Poplar		
Poplar	Berguson, W.E., McMahon, B., Stanton, B., Shuren, R., Miller, R., Rousseau, R., Cunningham, M., and Wrights, J. (2012). The Sun Grant Poplar Woody Crops Research Program: Accomplishments and Implications. Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/	Poplar	Proceedings
	Keathley, D., Miller, R., and Bloese, P. (2012). Initial Willow Biomass Yield Trial Results for Michigan. Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/	Poplar	Proceedings
	Miller, R.O., Bender, B. (2012). Short Rotation Energy Plantation Density Effects on Yield and Return on Investment in a Five-year-old Hybrid Poplar Trial in Michigan. Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/	Poplar	Proceedings
	Tamang, B., Steel, V. and Jeff Wright, (2013). Best performing cottonwood and hybrid poplar varieties in the southeastern United States: Their basic specific gravity and moisture content. In: Proceedings of the 32nd Southern Forst Tree Improvement Conference, June 10-13, 2013, Clemson, South Carolina USA. Pg. (in press).	Poplar	Proceedings
	Bill Berguson, B. Stanton and J. Eaton, 2010, Development of Hybrid Poplar for Commercial Production in the United States: The Pacific Northwest and Minnesota Experience. Soil and Water Cons. Soc. - Sustainable Alternative Fuel Feedstock: Opportunities, Challenges and Roadmaps for Six U.S. Regions. pp. 282-299. September 10, 2010.	Poplar	Proceedings

	Miscanthus		
	Maughan M., F. Miguez, T. Voigt, S. Bonos, J. Murphy, R. Gaussoin, D. Williams, and G. Bollero. 2009. <i>Miscanthus x giganteus</i> growth and survival in IL, IN, KY, NE, and NJ. In Annual Meetings Abstracts. Pittsburgh, PA. November 1-4. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Madison, WI.	Miscanthus	Abstract

Behnke, G., M. David, T. Voigt, and E. Acosta. 2010. Greenhouse gas emissions from production of <i>Miscanthus x giganteus</i> on Mollisols. In Annual Meetings Abstracts. Long Beach, CA. October 31-November 4. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Madison, WI.	Miscanthus	Abstract
Davis, M.P., M. B. David, T. B. Voigt, and C. Mitchell. 2012. Changes in potential soil carbon and nitrogen mineralization: A multistate analysis of <i>Miscanthus x giganteus</i> under nitrogen fertilizer treatments. In Annual Meetings Abstracts. Cincinnati, OH. October 21-24. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Madison, WI.	Miscanthus	Abstract
Davis, M.P., M. B. David, T. B. Voigt, and E. H. DeLucia 2013. A multi-state analysis of <i>Miscanthus x giganteus</i> with nitrogen fertilization. In Annual Meetings Abstracts. Tampa, FL. November 3-6. American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, Madison, WI.	Miscanthus	Abstract
Lee, D.K., A. Parrish, and T. Voigt. (2013). Switchgrass and Giant <i>Miscanthus</i> Agronomy. In Yogendra Shastri et	Miscanthus	Book Chapter
Ahonsi, M.O., B.O. Agindotan, D.W. Williams, R. Arundale, M. E. Gray, T. B. Voigt, and C. A. Bradley (2010). First report of <i>Pithomyces chartarum</i> causing a leaf blight of <i>Miscanthus x giganteus</i> in Kentucky. Plant Disease. April 2010. 94(4):480.	Miscanthus	Peer reviewed publicaton
Behnke, G.D., M.B. David, and T.B. Voigt. (2012 - In Press) Greenhouse gas emissions, nitrate leaching, and biomass yields from production of <i>Miscanthus x giganteus</i> in Illinois, USA. BioEnergy Research. DOI 10.1007/s12155-012-9191-5. (http://www.springerlink.com/content/n2t6552hw14257g4/fulltext.pdf)	Miscanthus	Peer reviewed publicaton
Maughan M, Bollero G, Lee DK, Darmody R, Bonos S, Cortese L, Murphy J, Gaussoin R, Sousek M, Williams D, Williams L, Miguez F, Voigt T. <i>Miscanthus x giganteus</i> productivity: The effects of management in different environments. Global Change Biology – Bioenergy 2012 (In Press) DOI: 10.1111/j.1757-1707.2011.01144.x.	Miscanthus	Peer reviewed publicaton
Voigt, T. 2012. IL High School Agriculture Instructor Energy Farm Field Tour showing Sun Grant <i>Miscanthus x giganteus</i> Study. June 18, 2012. Urbana, IL.	Miscanthus	Presentation
Voigt, T. 2010. Illinois Energy Farm Field Tours to view Sun Grant/DOE <i>Miscanthus x giganteus</i> Bioenergy Field Trials: Argentinian U.S. Farm Tour, October 2; Energy Farm Open House, Oct. 10.	Miscanthus	Presentation
Voigt, T. et al. 2012. Sun Grant/DOE Herbaceous Feedstock Partnership Meeting. <i>Miscanthus x giganteus</i> Productivity. Indianapolis, IN.	Miscanthus	Presentation

Misca	Voigt, T. et al. 2011. <i>Miscanthus x giganteus</i> productivity: The effects of management in different environments. 2011 Regional Sun Grant/DOE Biomass Feedstock Partnership Meeting. Knoxville, TN	Miscanthus	Presentation
	Voigt, T. October 26; Visit to DOE/Sun Grant <i>M. x giganteus</i> field plots as part of the Sustainability of Biomass Production for Bioenergy workshop.	Miscanthus	Presentation
	Voigt, T. October 8, 2011; Reported on DOE/Sun Grant <i>M. x giganteus</i> plots in <i>M. x giganteus</i> lecture in Crop Sciences 415 (Bioenergy Crops).	Miscanthus	Presentation
	Voigt, T. American Chemical Society. Establishing and Managing <i>Miscanthus x giganteus</i> and <i>Panicum virgatum</i> Feedstocks in the Temperate U.S. New Orleans, LA.	Miscanthus	Presentation
	Voigt, T. U. of I. Energy Farm Field Tours. Energy Biosciences Institute Retreat, The 2013 International Symposium on C4 and CAM Plant Biology, Energy Biosciences Institute Feedstock Symposium.	Miscanthus	Presentation
	Voigt, T. World Congress on Industrial Biotechnology. Sun Grant Feedstock Partnership <i>Miscanthus x giganteus</i> Group. Montreal, Quebec, CA.	Miscanthus	Presentation
	Voigt, T. et al. The Species Lead presented the <i>Miscanthus x giganteus</i> Bioenergy Field Trials at Kentucky and Nebraska Turfgrass Field Days and the Illinois Energy Farm Field Day.	Miscanthus	Presentation
	Voigt, T. The Species Lead presented, "Bioenergy Crops," to annual meeting of Association of Education and Research Greenhouse Curators.	Miscanthus	Presentation
	Voigt, T. The Sun Grant/DOE Herbaceous Feedstock Partnership <i>Miscanthus x giganteus</i> Bioenergy Field Trial was presented at the University of Illinois Master Gardener Convention Energy Farm Tour, University of Illinois Energy Farm Field Day, and Association of Applied Biologists Energy Farm Tour.	Miscanthus	Presentation
	Voigt, T. et al. 2013. Tunica, MS. Sun Grant Feedstock Partnership Annual Meeting. <i>Miscanthus x giganteus</i> Update. February 14, 2013.	Miscanthus	Presentation

Voigt, T. Urbana, IL. University of Illinois Center for Advanced Bioenergy Research Seminar. Is Miscanthus x giganteus A Commercial Crop? January 28.	Miscanthus	Presentation
Voigt, T. et al. 2012. 2012 Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization. Miscanthus x giganteus Biomass Feedstock Production and Sustainability Studies in the Eastern U.S. Oct. 4. New Orleans, LA.	Miscanthus	Proceedings

GIS		
GIS		
A Spatial Analysis of Expiring Contracts under the Conservation Reserve Program (CRP), Mahesh Rao and Subodh Ganta; Association of American Geographers, 2009 National Meeting, Las Vegas, NV, March, 2009.	GIS	Presentation
Invited participant in workshop: Regional Biomass Energy Feedstock Partnership. Sponsored by the Sun Grant Initiative and the U.S. Department of Energy's Office of Biomass Programs. 27-28 February, 2008, Hall of States, Washington D.C.	GIS	Workshop
Chang, J., Hansen, M.C., Pittman, K., Dimiceli, C., and Carroll, M., 2007, Corn and soybean mapping in the United States using MODIS time-series data sets, <i>Agronomy Journal</i> , 1654-1664.	NC-GIS	Peer reviewed publicaton
<i>Chintala, R., M. C. Wimberly, G. Dijra, and M. Tulbure. In Review. Interannual variability of crop residue potential in the North Central Region of the United States. Submitted to Biomass and Bioenergy.</i>	NC-GIS	Peer reviewed publicaton
Tulbure, M. G., M. C. Wimberly, A. Boe and V. Owens. 2012. Climatic and genetic controls of yields of switchgrass, a model bioenergy species. <i>Agriculture, Ecosystems, and Environ.</i> 146:121-129	NC-GIS	Peer reviewed publicaton
Tulbure, M. G., M. C. Wimberly, and V. N Owens. 2012. Response of switchgrass yield to future climate change. <i>Environmental Research Letters</i> 7 045903.	NC-GIS	Peer reviewed publicaton

Tulbure, M., M. C. Wimberly, D. P. Roy, and G. M. Henebry. 2011. Spatial and temporal heterogeneity of agricultural fires in the central United States in relation to land cover and land use. <i>Landscape Ecology</i> 26: 211-224.	NC-GIS	Peer reviewed publicaton
Wright CK, Wimberly M (2013) Reply to Kline et al.: Cropland data layer provides a valid assessment of recent grassland conversion in the Western Corn Belt. <i>Proc. Nat. Acad. Sci. USA</i> . DOI 10.1073/pnas.1307594110.	NC-GIS	Peer reviewed publicaton
Wright, C. K., and M. C. Wimberly. 2013. Recent land use change in the Western Corn Belt threatens grasslands and wetlands. <i>Proceedings of the National Academy of Sciences</i> 110: 4134-4139.	NC-GIS	Peer reviewed publicaton
Hansen, M., Pittman, K. Chang, J., and Becker-Reshef, I., Multi-Date Compositing Techniques, presented at the ResourceSat Real Product Innovations seminar sponsored by ASRC Management Services and the USDA Foreign Agricultural Service, November 27, 2007.	NC-GIS	Presentation
Hansen, M.C., Chang, J. and Pittman, K., Monitoring global and regional croplands using MODIS data, Association of American Geographers Annual Meeting, April 17-21, 2007, San Francisco, CA.	NC-GIS	Presentation
Hansen, M.C., Mueller, R., Pittman, K., and Chang, J., Mapping feedstocks using remotely sensed datasets, South Dakota and Biofuels 2008 meeting sponsored by South Dakota Agriculture and Energy, North Central Sun Grant Initiative, and the Western Governor's Association, May 20, 2008, Brookings, SD.	NC-GIS	Presentation
Hansen, M.C., Pittman, K., Chang, J., Carroll, M., and DiMiceli, C., MODIS Vegetation Continuous Fields of Crop Type in Support of NASS Annual Crop Indicator Mapping, Association of American Geographers Annual Meeting, April 15-19, 2008, Boston, MA.	NC-GIS	Presentation
Hansen, M.C., Pittman, K., Chang, J., Carroll, M., and DiMiceli, C., <i>MODIS Vegetation Continuous Fields of Crop Type in Support of NASS Annual Crop Indicator Mapping</i> , Association of American Geographers Annual Meeting, Boston, April 16, 2008.	NC-GIS	Presentation
Tulbure, M., and M. C. Wimberly. 2010. Climatic influences on biomass yields of switchgrass: A model bioenergy species. US-IALE Annual Symposium. April 5-9, Athens, GA.	NC-GIS	Presentation
Tulbure, M., and M. C. Wimberly. 2010. Climatic influences on corn and soybean yields. 3rd USGS Modeling Conference: Understanding and Predicting for a Changing World. June 7-11, Denver, CO.	NC-GIS	Presentation

Tulbure, M., M. C. Wimberly, and G. M. Henebry. 2009. Spatial and temporal distributions of fires in the central United States from 5 years of MODIS active fire detection data. International Association for Landscape Ecology, United States Regional Association Meeting. Salt Lake City, UT.	NC-GIS	Presentation
Wimberly, M. C., C. Wright, A. Lamsal, and Y. Liu. 2012. North Central Feedstock Assessment Team: GIS Applications to Support Sustainable Biofuels Feedstock Production. North Central Sun Grant Regional Association Annual Meeting. Indianapolis, IN.	NC-GIS	Presentation
Wimberly, M. C., M. C. Hansen, K. Pittman, J. Chang, and M. Tulbure. 2009. Applications of GIS and remote sensing to support sustainable biomass feedstock production. North Central Sun Grant Region Annual Meeting. Jan 15-16, St. Paul, MN. (Presentation)	NC-GIS	Presentation
Wimberly, M. C., M. Tulbure, R. Bell, Y. Liu, J. M. Rop, and R. Chintala. 2010. North Central Feedstock Assessment Team: GIS Applications to Support Sustainable Biofuels Feedstock Production. North Central Sun Grant Regional Association Annual Meeting. San Antonio, TX.	NC-GIS	Presentation
Wimberly, M. C., Y. Liu, M. Tulbure, and R. Bell. 2011. North Central Feedstock Assessment Team: GIS Applications to Support Sustainable Biofuels Feedstock Production. Feedstock Partnership Annual Meeting, Knoxville, TN.	NC-GIS	Presentation
Wright CK (2013) Plenary presentation: Rapid land use change in the Western Corn Belt. America's Grasslands Conference: The Future of Grasslands in a Changing Landscape, Manhattan, KS, August 15–17, 2013.	NC-GIS	Presentation
Wright CK, Wimberly M (2013) Land-use change in the Corn Belt: Influence on grasslands and wetlands. Plenary presentation, NSF Macrosystems Biology PI Meeting, Arlington, VA, June 7.	NC-GIS	Presentation
Wright CK, Wimberly M (2013) recent grassland conversion in the Western Corn Belt. Earth Day public lecture, Dakota State University, Madison, SD, May 25.	NC-GIS	Presentation
Wright CK, Wimberly M (2013) Recent land use change in the Western Corn Belt threatens grasslands and wetlands, Ecological Society of America Annual Meeting, Minneapolis, MN, August 4-9, 2013.	NC-GIS	Presentation
Wright, C. K., and M. C. Wimberly. 2012. Recent Agricultural Intensification in the U.S. Corn Belt. International Association for Landscape Ecology, United States Regional Association Meeting. Newport, RI (Oral presentation).	NC-GIS	Presentation

Wright, C. K., and M. C. Wimberly. 2013. North Central resource assessment team report. Sun Grant/DOE Regional Biomass Feedstock Partnership Annual Meeting, Tunica, MS.	NC-GIS	Presentation
Wright, C. K., and M. C. Wimberly. 2013. Recent land use change in the Western Corn Belt threatens grasslands and wetlands. Annual Meeting of the South Dakota Chapter of the Wildlife Society, Oacoma, SD.	NC-GIS	Presentation
Rop, M., Y. Liu, and M. C. Wimberly. 2011. FWA - A Framework for Developing Web-Atlas Applications. Proceedings of the 2011 International Conference on Software Engineering Research and Practice (SERP'11). Las Vegas, NV, July 18-21.	NC-GIS	Proceedings
Cellulosic Bioenergy: Sustainability and Environmental Issues. Woodbury PB. Invited Briefing on Regional Cellulosic Bioenergy by the Sun Grant Initiative, 13 March, 2009, U.S. House of Representatives Cannon Office Building, Washington D.C.	NE-GIS	Briefing
Richards BK, Stoof CR, Cary I, Woodbury PB. In press. Reporting on marginal lands for bioenergy feedstock production - a modest proposal. BioEnergy Research	NE-GIS	Peer reviewed publication
Sustainable Bioenergy Feedstock Production on Marginal Lands. Woodbury PB. Invited platform panel discussion, Sustainable Bioenergy Production on Marginal Lands Seminar Series, 1 May, 2013, Cornell University, Ithaca, NY.	NE-GIS	Panel Discussion
Bioenergy and Greenhouse Gas Mitigation: The Role of Crop, Soil, and Environmental Information Sciences. Woodbury PB, van Es H, Cox W, Cherney J, DiTommaso A, Duxbury J, Buckley D, Hahn R, Lehmann CJ, Gaunt J, Hobbs P, Lauren J, Melkonian J, Thies J, Grantham D, Setter T, Russell-Anelli J, Smith S. Poster presentation at the annual GIS Day, 18 November, 2008, Cornell University, Ithaca, NY.	NE-GIS	Poster Presentation
Bioenergy and Greenhouse Gas Mitigation: The Role of Crop, Soil, and Environmental Information Sciences. Woodbury PB, van Es H, Cox W, Cherney J, DiTommaso A, Duxbury J, Buckley D, Hahn R, Lehmann CJ, Gaunt J, Hobbs P, Lauren J, Melkonian J, Thies J, Grantham D, Setter T, Russell-Anelli J, Smith S. Poster presentation at the Second Bio-Energy Awareness Days, sponsored by the USDA, 21-23 June, 2008, Washington, DC.	NE-GIS	Poster Presentation
Geospatial analysis of sustainable biomass feedstock production potential in the Northeast USA Sun Grant region. Ahmed Z (presenter), Peters C, Wightman J, Woodbury PB. Poster Presentation to the 2009 International Annual Meetings of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, 1-5 November, 2009, Pittsburgh, PA.	NE-GIS	Poster Presentation
Quantifying the Sustainability of Bioenergy Pathways for New York and the Northeastern USA. Woodbury P, Cherney J, Wightman J, Duxbury J, Cox W, Mohler C, DeGloria S. Poster presentation at the annual GIS Day, 18 November, 2008, Cornell University, Ithaca, NY	NE-GIS	Poster Presentation

Quantifying the Sustainability of Bioenergy Pathways for New York and the Northeastern USA. Woodbury P, Cherney J, Wightman J, Duxbury J, Cox W, Mohler C, DeGloria S. Poster presentation at the Second Bio-Energy Awareness Days, sponsored by the USDA, 21-23 June, 2008, Washington, DC.	NE-GIS	Poster Presentation
A Researcher's View of Biofuel and Bioenergy Sustainability Analysis. Woodbury PB. Invited presentation and discussion, U.S. Department of State, 13 March, 2009, Washington D.C.	NE-GIS	Presentation
Approaches for Quantifying Bioenergy Feedstock Production Potential and Environmental Impacts in the Northeast Sun Grant Region. Invited Plenary Presentation, Woodbury PB, Ahmed Z, Peters C, Wightman J. Sustainable Bioenergy and Bioproducts Research for a Better Environment and a Growing Economy, Sun Grant Initiative, 11 March, 2009, L'Enfant Hotel, Washington D.C.	NE-GIS	Presentation
Approaches for Quantifying Bioenergy Feedstock Production Potential and Environmental Impacts in the Northeast Sun Grant Region. Woodbury PB. Invited platform presentation in the Seminar Series: The Science and Engineering Challenges to the Development of Sustainable Biobased Industries. 25 September, 2008, Department of Biological and Environmental Engineering, Cornell University, Ithaca, NY.	NE-GIS	Presentation
Approaches for Quantifying Bioenergy Feedstock Production Potential and Environmental Impacts in the Northeast Sun Grant Region. Woodbury PB. Invited platform presentation in the Seminar Series: The Science and Engineering Challenges to the Development of Sustainable Biobased Industries. 25 September, 2008, Department of Biological and Environmental Engineering, Cornell University, Ithaca, NY.	NE-GIS	Presentation
Approaches for Quantifying the Sustainability of Bioenergy Feedstock Production Pathways in the Northeastern USA. Woodbury P. Invited platform presentation: Northeast Renewable Energy Conference. 26 August, 2008, Pennsylvania State University, State College, PA.	NE-GIS	Presentation
Approaches for Quantifying the Sustainability of Bioenergy Feedstock Production Pathways. Woodbury PB. Invited platform presentation in the 78th Meeting of the Petroleum Environmental Research Forum, 18 November, 2008, Philadelphia, PA.	NE-GIS	Presentation
Bioenergy and Greenhouse Gas Mitigation: The Role of Crop, Soil, and Environmental Information Sciences. Woodbury PB, van Es H, Cox W, Cherney J, DiTommaso A, Duxbury J, Buckley D, Hahn R, Lehmann CJ, Gaunt J, Hobbs P, Lauren J, Melkonian J, Thies J, Grantham D, Setter T, Russell-Anelli J, Smith S. Poster presentation at the Second Bio-Energy Awareness Days, sponsored by the USDA, 21-23 June, 2008, Washington, DC.	NE-GIS	Presentation
Biomass as a Renewable Energy Resource in New York State and the Northeast USA. Woodbury PB. Invited presentation to teacher training workshop, Department of Biological and Environmental Engineering, Cornell University, 21 June 2011, Ithaca, NY.	NE-GIS	Presentation
Current and Potential Carbon Sequestration and Biomass Energy in New York State. Woodbury, PB. Invited platform presentation in the Carbon Sequestration Seminar, Department of Natural Resources. 30 January, 2008, Cornell University, Ithaca, NY.	NE-GIS	Presentation

Environmental Impacts of Ethanol and Biodiesel. Mas CJ, Wojnar Z, Woodbury PB (joint presentation by all authors). Invited platform presentation to the New York State Department of Environmental Conservation, 6 May, 2008, Albany, NY.	NE-GIS	Presentation
Environmental Impacts of Ethanol and Biodiesel. Mas CJ, Wojnar Z, Woodbury PB. Invited briefing to the staff of the Governor of New York State, 9 June, 2008, Albany, NY.	NE-GIS	Presentation
Geospatial Analysis of Opportunities and Challenges for Sustainable Biomass Feedstock Production. Woodbury, PB. Invited platform presentation in the seminar series Biofuels: The Economic and Environmental Interactions, Departments of Applied Economics and Management and Biological and Environmental Engineering. 11 February, 2008, Cornell University, Ithaca, NY.	NE-GIS	Presentation
Multi-scale integrated modeling of sustainable herbaceous biomass feedstock production potential in the Northeastern USA. Woodbury PB, Peters C, Ahmed Z, Wightman J, Waltman S, Richard T. Invited Platform Presentation to the 2009 International Annual Meetings of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America, 1-5 November, 2009, Pittsburgh, PA.	NE-GIS	Presentation
New York and Northeast US Land Resources for Sustainable Bioenergy Feedstock Production. Woodbury, PB. Platform presentation in the mini-symposium: Bioenergy and Greenhouse Gases: Research Highlights and Needs in Crop, Soil, and Environmental Sciences. 14 February, 2008, Department of Crop and Soil Sciences, Cornell University, Ithaca, NY.	NE-GIS	Presentation
Organizer and moderator of a special session on bioenergy in New York State and the Northeastern USA in the Energy Panel, Cornell Cooperative Extension Agriculture and Food Systems In-Service Meeting, 11 November, 2009, Ithaca, NY.	NE-GIS	Presentation
Quantifying Sustainable Biomass Resources at National, Regional, and State Scales. Woodbury PB, Ahmed Z, Pe	NE-GIS	Presentation
Regional Feedstock Partnership Resource Assessment. Woodbury PB. Invited platform presentation, Department of Energy Office of Biomass Programs Peer Review Meeting, 8 April 2011, Annapolis, MD.	NE-GIS	Presentation
Sustainable Biomass Feedstock Assessment in the Northeast Sun Grant Region. Woodbury PB, Ahmed Z, Peters C, Wightman J. Invited platform presentation, Sun Grant & Department of Energy Regional Feedstock Partnership Meeting, 24 February 2010, San Antonio, TX.	NE-GIS	Presentation
Sustainable Biomass Feedstock Assessment in the Northeast Sun Grant Region. Woodbury PB, Ahmed Z, Wightman J. Invited platform presentation, Sun Grant & Department of Energy Regional Feedstock Partnership Meeting, 16 February 2011, Knoxville, TN.	NE-GIS	Presentation

Sustainable Biomass Feedstock Production Potential and Greenhouse Gas Balance in the Northeast Sun Grant Region. Woodbury PB, Ahmed Z, Peters C, Wightman J. Invited platform presentation, Northeast Sun Grant Regional Conference, 26 May 2010, Syracuse, NY.	NE-GIS	Presentation
Untapped potential: Sustainable bioenergy production from marginal lands in the Northeast US. Stoof CR, Rich	NE-GIS	Presentation
What is the Potential for Sustainable Bioenergy Feedstock Production in New York and the Northeast? Woodbury PB. Invited presentation to the 72nd Annual Cornell Seed Conference, 2 December, 2010, Geneva, NY.	NE-GIS	Presentation
Bioenergy Feedstock Production in the NE: Land Use, Yields, and Sustainability. Woodbury PB. Invited webinar presentation, Northeast Woody/Warm-season Biomass Consortium, 9 April 2013 (webinar presentation: http://www.newbio.psu.edu/Extension/Webinars.asp).	NE-GIS	Webinar
Biomass as a Renewable Energy Resource in New York State and the Northeast USA. Woodbury PB. Invited pre	NE-GIS	Workshop
Biomass as a Renewable Energy Resource in the Northeast USA. Woodbury PB. Invited presentation to teacher	NE-GIS	Workshop
Biomass as a Renewable Energy Resource in the Southern Tier of New York State. Woodbury PB. Invited platfo	NE-GIS	Workshop
New York State Renewable Fuels Visioning Meeting. Participate in an invitation-only workshop to develop a vision for biofuels for New York State. Sponsored by the New York State Energy Research and Development Authority, the New York Department of Agriculture and Markets, and the New York Department of Environmental Conservation. January 29, 2009, Albany, NY.	NE-GIS	Workshop
Opportunities and Challenges for Sustainable Biomass Feedstock Production in New York State and the Northe	NE-GIS	Workshop
Potential Bioenergy Feedstock Production in New York State and the Northeast USA. Woodbury PB. Invited pla	NE-GIS	Workshop

Sustainable bioenergy feedstock production in New York State and the Northeast	NE-GIS	Workshop
Sustainable Bioenergy Feedstock Production in New York State and the Northeast USA. Woodbury PB. Invited	NE-GIS	Workshop
Sustainable Biomass Resources in the Northeast. Woodbury PB, Ahmed Z, Peters C, Wightman J. Invited presentation to the 2009 Workshop: Re-imagining Sustainable Landscapes, 3 December, 2009, Pennsylvania State University, State College, PA.	NE-GIS	Workshop
Acheampong, Kwame, The Impact of Switchgrass production on Oklahoma Hay Markets, Masters Thesis, Oklahoma State University, Dec 2009	SC-GIS	Masters Thesis
Folakemi Sobowale. "Impact of United States Corn Based Ethanol Production on Land use in Brazil", MS Thesis, Oklahoma State University. July, 2011.	SC-GIS	Masters Thesis
Ouedraogo, F. 2012. The Economic Impacts of Land Use Changes Associated with Switchgrass-based Ethanol Production in Oklahoma. MS Thesis. Department of Agricultural Economics. Oklahoma State University.	SC-GIS	Masters Thesis
Weaver, L. 2012. Should We Pay Farmers Not to Farm? A Case of the Conservation Reserve Program. MS Thesis. Department of Agricultural Economics. Oklahoma State University. Paper accepted for presentation at the 2012 annual meeting AAEA, Seattle, Washington.	SC-GIS	Masters Thesis
Woldesenbet, T. 2012. Economic and Environmental Tradeoffs from Switchgrass and Ethanol Production (A Case in Oklahoma). MS Thesis. Department of Agricultural Economics. Oklahoma State University.	SC-GIS	Masters Thesis
Dicks, Michael R., Jody Campiche, Daniel De La Torre Ugarte, Chad Hellwinckel, Land Use Implications of Expanding Biofuel Demand, Journal of Agricultural and Applied Economics Vol. 41, No.2, August 2009, pp 1-19.	SC-GIS	Peer reviewed publicaton
Acheampong, Kwame, Michael Dicks and Brian Adam, "The Impact of Biofuel Mandates and Switchgrass Production on Hay Markets." NCCC-134: Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management: St. Louis, Mo. April 19-20, 2010	SC-GIS	Presentation

Acheampong, K. and M.R. Dicks. "Fertilizer Demand for Biofuel and Cereal crop Production in the United States". Paper Presented at the Southern Agricultural Economics Association (SAEA) Annual Meeting, Birmingham, Alabama, February 4-7, 2012.	SC-GIS	Presentation
Arjun Basnet, Theo Depona, Wesley Hedges, and Michael R. Dicks, "Potential Biomass Yields in the South Central US", Southern Agricultural Economics Association Annual meetings, February 5-8, 2011, Corpus Christi, TX	SC-GIS	Presentation
Dicks, Michael R., Daniel De La Torre Ugarte, Chad Hellwinckel and Jody Campiche,, "Land Use Implications of Expanding Biofuel Demand", Southern Agricultural Economics Association 41st Annual Meetings, January 31 – February 3, 2009, Atlanta, Georgia.	SC-GIS	Presentation
Dickson, Amanda and Michael R. Dicks "The potential economic impacts of the managed haying and grazing of CRP", Southern Agricultural Economics Association 41st Annual Meetings, January 31 – February 3, 2009, Atlanta, Georgia.	SC-GIS	Presentation
Folakemi Sobowale, Mike Dicks, and Jody Campiche, "Impact of US Corn-based Ethanol Production on Land Use", Southern Agricultural Economics Association Annual meetings, February 5-8, 2011, Corpus Christi, TX	SC-GIS	Presentation
Kwame Acheampong, Michael R. Dicks, and Brian D. Adam, "The Impact of Biofuel Mandates and Switchgrass Production on Hay Markets", February 5-8, 2011, Corpus Christi, TX	SC-GIS	Presentation
Kwame Acheampong, Michael R. Dicks, and Brian D. Adam, "The Impact of Biofuel Mandates and Switchgrass Production on Hay Markets", Southern Agricultural Economics Association Annual meetings, February 5-8, 2011, Corpus Christi, TX	SC-GIS	Presentation
Pujula, Aude L., David Maradiaga,, and Michael Dicks, "Contemporary Issues in Estimating Yield Distributions", Southern Agricultural Economics Association 42st Annual Meetings, February 7 – February 9, 2010, Orlando, Florida.	SC-GIS	Presentation
Pujula, Aude Liliana, David Isaias Maradiaga, Hector O. Zapata and Michael R. Dicks, "A Century of Crop Yield Density Estimation with Perspectives", Presented at the American Agricultural Economics Association meetings in Denver, Co, July 2010.	SC-GIS	Presentation
Woldesenbet, T. and D. Shideler. "Environmental and Economic Tradeoffs from Cellulosic Ethanol: A Case Study in Oklahoma". Paper accepted for presentation in the 2012 Annual Meeting of the Southern Regional Science Association, March 24 2012, Charlotte, North Carolina.	SC-GIS	Presentation

Acheampong, K., Michael R. Dicks, and Brian D. Adam. 2010. "The Impact of Biofuel Mandates and Switchgrass Production on Hay Markets." Proceedings of the NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. St. Louis, MO. [http://www.farmdoc.illinois.edu/nccc134].	SC-GIS	Proceedings
Kwame Acheampong and Michael R. Dicks. "Fertilizer Demand for Biofuel and Cereal crop Production in the United States".	SC-GIS	Publication
Grobovic, Mladen. 2013. Southeastern Resource Assessment Team Report. Sun Grant/DOE Regional Biomass Feedstock Partnership Annual Meeting, Feb. 14, 2013. Tunica, MS.	SE-GIS	Presentation
Grobovic, Mladen. Southeastern Regional Atlas of Biomass Feedstock Potential. Presentation at the Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, Oct. 2-5, 2012. New Orleans, LA.	SE-GIS	Presentation
Grobovic, Mladen. Southeastern Resource Assessment Team Report. Sun Grant/DOE Regional Biomass Feedstock Partnership Annual Meeting, March 15, 2012. Indianapolis IN.	SE-GIS	Presentation
Jackson, Samuel W. Southeastern Region GIS Efforts. Presentation to the Annual Meeting of the Sun Grant Initiative Regional Feedstock Partnership, Feb. 24, 2010. San Antonio, TX	SE-GIS	Presentation
Jackson, Samuel W. Southeastern Region GIS Efforts. Presentation to the Annual Meeting of the Sun Grant Initiative Regional Feedstock Partnership, Feb. 24, 2010. San Antonio, TX.	SE-GIS	Presentation
Jackson, Samuel W. Southeastern Regional Resource Assessment Report. Sun Grant Regional Feedstock Partnership Annual Meeting, Feb. 15-17, 2011. Knoxville, TN.	SE-GIS	Presentation
Southeastern Regional Resource Assessment Report. Sun Grant Regional Feedstock Partnership Annual Meeting, Feb. 15-17, 2011.	SE-GIS	Presentation
<u>Southeast Biomass Atlas (www.biomassatlas.org)</u>	SE-GIS	Website

Daly, C. "Biomass mapping of bio-energy feedstocks." Presented at the US Navy Green Fleet workshop, Honolulu, HI, 7 March 2011.	W-GIS	Presentation
Daly, C. "Nationwide Bio-Fuel Resource Mapping: Estimating the Potential Distribution and Yield of Biomass Crops." Presented at Texas A&M University Biomass Group, 10 Jun 2011.	W-GIS	Presentation
Daly, C. and M. Halbleib. "Western Region Sun Grant GIS team status report." Presented at the Sun Grant Regional Biomass Feedstock Partnership Workshop, Washington, DC, 9 March 2009.	W-GIS	Presentation
Daly, C. and M. Halbleib. Nationwide Suitability Modeling of Bio-energy Crops: A Useful Idea? Sun Grant Feedstock Partnership annual meeting, San Antonio, TX, 24 February 2010.	W-GIS	Presentation
Daly, C. and M. Halbleib. Sun Grant Western Region GIS Task Status Report. Presented at the SGI Regional Feedstock Partnership's annual working group meeting, Washington, DC, 9 March 2009.	W-GIS	Presentation
Daly, C. and M. Halbleib. Using Map Server technology and environmental datasets for feedstock development and assessment. Presented at the Sun Grant Initiative Energy Conference, Washington, DC, 12 March 2009.	W-GIS	Presentation
Daly, C., M. Halbleib, M. Doggett, D. Hannaway. Nationwide Biomass Modeling of Bio-energy Feedstocks. Sun Grant Feedstock Partnership annual meeting, Knoxville, TN, 15-16 Feb 2011.	W-GIS	Presentation
Halbleib, M., C. Daly, M. Doggett, D. Hannaway. Modeling of Bio-energy Feedstock Biomass in the US. Sun Grant Feedstock Partnership annual meeting, Indianapolis, IN, 14-15 Mar 2012.	W-GIS	Presentation
Halbleib, M.D., C. Daly, and D.B. Hannaway. 2012. Nationwide crop suitability modeling of biomass feedstocks. Sun Grant Initiative 2012 National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA, 2-5 October 2012.	W-GIS	Proceeding
Daly, C., M Halbleib, and L. Eaton. 2013. Nationwide Bio-Fuel Resource Mapping: CRP grass biomass feedstocks. Organized and conducted workshop for the DOE/USDA/DOT Sun Grant Initiative, Kansas City, MO, 25-26 July 2013.	W-GIS	Workshop

GIS	Daly, C., M Halbleib, and L. Eaton. 2013. Nationwide Bio-Fuel Resource Mapping: Energycane biomass feedstocks. Organized and conducted workshop for the DOE/USDA/DOT Sun Grant Initiative, Jackson, MS, 7-8 May 2013.	W-GIS	Workshop
	Daly, C., M Halbleib, and L. Eaton. 2013. Nationwide Bio-Fuel Resource Mapping: Sorghum biomass feedstocks. Organized and conducted workshop for the DOE/USDA/DOT Sun Grant Initiative, Oak Ridge National Laboratory, TN, 27-28 June 2013.	W-GIS	Workshop
	Daly, C., M Halbleib, and L. Eaton. 2013. Nationwide Bio-Fuel Resource Mapping: Switchgrass biomass feedstocks. Organized, conducted, and hosted workshop for the DOE/USDA/DOT Sun Grant Initiative, Corvallis, OR, 29-30 May 2013.	W-GIS	Workshop
	Daly, C., M Halbleib, and L. Eaton. 2013. Nationwide Bio-Fuel Resource Mapping: Woody biomass feedstocks. Organized, conducted, and hosted workshop for the DOE/USDA/DOT Sun Grant Initiative, Corvallis, OR, 18-19 September 2013.	W-GIS	Workshop

Energycane		
Knoll, J.E. W. F. Anderson, B. Baldwin, E. Richard. 2010. Harvest date effects on biomass yield and quality of new energycane (<i>Saccharum hybrid</i>) genotypes in the southeastern USA. ASA/CSSA/SSA Meetings. Long Beach, CA. 31 Oct - 4 Nov.	Energycane	Abstract
Knoll, Joseph E., William F. Anderson, Edward P. Richard Jr., Joy Doran-Peterson, Brian Baldwin, Anna L. Hale, Ryan P. Viator. 2013. Harvest date effects on biomass quality and ethanol yield of new energycane (<i>Saccharum hyb.</i>) genotypes in the Southeast USA. <i>Biomass and Bioenergy</i> 56:147-156.	Energycane	Peer reviewed publication
Baldwin, B. et al. 2013. At Mississippi State, this work was presented to U.S. Secretary of Agriculture, Tom Vilsack during his visit to the Starkville, MS campus on September 25th, 2013.	Energycane	Presentation
Baldwin, B. et al. 2013. At St. Gabriel, the work was mentioned and displayed at the research station field day on July 17, 2013.	Energycane	Presentation

Energycane	Baldwin, B., D.K. Lee, V. Owens, W. Rooney, and T. Voigt. 2009. U.S. Dept. of Energy Regional Biomass Feedstocks Partnership. Bioenergy Symposium, AAIC. Termás de Chillán, Chillán Chile. 15-19 Nov.	Energycane	Presentation
	Baldwin, B., W. Anderson, J. Blumenthal, E.C. Brummer, K. Gravois, A. Hale, and L.T. Wilson. 2013. Energycane (Saccharum spp) sugarcane goes North. 245th National Meeting of American Chemical Society, Carbohydrates Division. Biofuels, bioproducts, and biomass from sugar feedstocks. New Orleans, LA. 8 Apr .	Energycane	Presentation
	Baldwin, Brian S., J. Brett Rushing, Edward Richard, Thomas Tew, Anna Hale, 2010. Energycane: Sugarcane gone North. Seventh Annual Bioenergy Feedstock Symposium. Champaign, IL. 11-12 Jan	Energycane	Presentation
	Baldwin, Brian. 2011. The southeastern U.S.: Biomass powerhouse. Soil and Water Conserv. Soc. Ann. Conf. Washington, D.C. 17 July.	Energycane	Presentation
	Rushing, J.R., B.S. Baldwin, E.P. Richard, T.L. Tew. 2009. Evaluation of cellulosic energy feedstocks for production in northcentral Mississippi USA. Fiber and Cellulosics Division AAIC. . Termás de Chillán, Chillán Chile. 15-19 Nov.	Energycane	Presentation
	Baldwin, B. et al. 2010. The Species Lead presented 2009 growth and yield results at the Sun Grant/DOE Regional Feedstock Partnership Report and Planning Meeting held February 23 - 24, 2010 in San Antonio, Texas.	Energycane	Presentation
	Baldwin, B.S., W. Anderson, C. Brummer, J.R. Parish, K. Gravois, L.T. Wilson, J. Blumenthal, A. Hale. 2013. Southeast regional evaluation on energycane (Saccharum spp) genotypes as a potential bioenergy crop. SEC Conf. Atlanta GA. 10-12 Feb. http://www.youtube.com/watch?v=nlkf8NZSzwc	Energycane	Presentation
	Owens, Vance, Brian Baldwin, D.K. Lee, Tom Voigt. 2013. Perennial Herbaceous Energy Crops and CRP Land for Biomass Production in the USA: A Five Year Regional Feedstock Partnership Report. Tenth Anniversary World Congress on Industrial Biotechnology. Montréal, Québec. 16-19 June.	Energycane	Proceedings

Lee, D.K., E. Aberle, C. Chen, J. Egnolf, K. Harmoney, V.G. Kakani, R. Kallenbach, & J. Castro. 2010. Conservation Reserve Program (CRP) grassland for sustainable biomass feedstock production-Regional Biomass Feedstock Partnership. <i>In</i> International Annual Meeting abstracts. 56-35. ASA, CSSA, SSSA, Madison, WI.	CRP	Abstract
Porter, T.F. 2013. Comparison of three remote sensing techniques to measure biomass on crop pastureland. M	CRP	M.S. Thesis
A publication summarizing results of the Kansas site from 2008-2010 was written for our research center annual Roundup 2011 Report of Progress 1050 and is available on-line at: http://www.ksre.ksu.edu/library/lvstk2/srp1050.pdf .	CRP	Outreach publication
A publication summarizing results of the Kansas site was written for our research center annual Roundup 2011 Report of Progress 1050 and is available on-line at: http://www.ksre.ksu.edu/library/lvstk2/srp1050.pdf .	CRP	Outreach publication
Evaluation of CRP for Cellulosic Biomass Production, 2010 NDSU-CREC Annual Report Volume 51	CRP	Outreach publication
Evaluation of CRP for Cellulosic Biomass Production, 2012 NDSU-CREC Annual Report Volume 53	CRP	Outreach publication
Lee, D.K., E. Aberle, C. Chen, J. Egnolf, K. Harmoney, G. Kakani, R.L. Kallenbach, and J.C. Castro. 2012. Nitrogen and harvest management of Conservation Reserve Program (CRP) grassland for sustainable feedstock production. <i>GCB bioenergy</i> , 5:6-15.	CRP	Peer reviewed publication
Mohammed, Y.A., C. Chen, J. Heser, and D.K. Lee. 2014. Biomass production and energy content of grass and alfalfa mixture in CRP land affected by nitrogen and harvesting timing in central Montana. <i>Agronomy Journal</i> . 106:43-51.	CRP	Peer reviewed publication
<i>Porter, T.F., C. Chen, J.A. Long, R.L. Lawrence, and B.F. Sowell. 2014. Estimating biomass on CRP pastureland: A comparison of remote sensing techniques. Biomass and Bioenergy (in review)</i>	CRP	Peer reviewed publication
Lee, D.K., E. Aberle, C. Chen, J. Egnolf, K. Harmoney, G. Kakani, R.L. Kallenbach. 2012. The Regional Biomass Feedstock Partnership: Herbaceous Energy Crops and CRP Land for Biomass Production Across Environmental Gradients, CRP Land for Biomass Energy Production in the US." The Sixth Annual Conference of the World Congress on Industrial Biotechnology and Bioprocessing, Montreal, Canada, July 19-22, 2009	CRP	Presentation

Lee, D.K., E. Aberle, C. Chen, J. Egnolf, K. Harmony, G. Kakani, R.L. Kallenbach. 2011. Utilization of Conservation Reserve Program (CRP) grass land for sustainable biomass production." First Annual World Congress of Bioenergy, Dalian, China, April 25-30, 2011	CRP	Presentation
Lee, D.K., E. Aberle, C. Chen, J. Egenolf, K. Harmony, G. Kakani, and R. Kallenbach. 2012. The Regional Biomass Feedstock Partnership: Herbaceous Energy Crops and CRP Land for Biomass Production in the USA: A Five Year Regional Feedstock Partnership Report, CRP Land for Biomass Energy Production." The tenth Annual Conference of the World Congress on Industrial Biotechnology and Bioprocessing, Montreal, Canada, June 16-19, 2013.	CRP	Presentation
Lee, D.K., E. Aberle, C. Chen, J. Egenolf, K. Harmony, G. Kakani, and R. Kallenbach. 2012. Conservation Reserve Program (CRP) grassland for sustainable biomass production. Proceeding of the 2012 Sun Grant National Conference; Science for Biomass Feedstock Production and Utilization. New Orleans, LA, Vol. 1- 3.12	CRP	Proceeding
Chengci Chen, Johnna Hesper, Tucker Porter, and D.K. Lee. 2012. Nitrogen application and harvest timing affect biomass yield and composition on CRP grassland. Proceeding of the 2012 Sun Grant National Conference; Science for Biomass Feedstock Production and Utilization. New Orleans, LA, Vol. 1- 3.14	CRP	Proceeding
Tucker Porter, Chengci Chen, Rick Lawrence, and Bok Sowell. 2012. Effect of fertilization and growing season on CRP pastureland as a biofuel feedstock. The Proceeding of The Science and Engineering for A Biobased Industry and Economy Committee Meeting and Symposium. Washington D.C. pp. 55.	CRP	Proceeding

Corn	Corn	
	Karlen, D.L. A Landscape Vision for Integrating Industrial Crops into Biofuel Systems. Proc. Association for Advancement of Industrial Crops. September 19-23, 2010. (Abstract)	Corn Residues Abstract
	Roth, G.W. and P.R. Adler. 2011. Evaluation of sustainable corn stover harvesting strategies. Abstract. Northeast Society of American Society of Agronomy. June 30, 2011.	Corn Residues Abstract
	Johnson, J.M.F., D.W. Archer, D.L. Karlen, S.L. Weyers, and W.W. Wilhelm. 2011. Soil management implications of producing biofuel feedstock. p. 371-390. In J. Hatfield and T. Sauer (eds.) Soil management: Building a stable base for agriculture. American Society of Agronomy Series. American Society of Agronomy and Soil Science Society of America, Madison, WI.	Corn Residues Book Chapter

Johnson, J.M.F., S.K. Papiernik, M.M. Mikha, K. Spokas, M.D. Tomer, and S.L. Weyers. 2009. Soil Processes and Residue Harvest Management. p. 1-44. In R. Lal and B. Steward (eds.) Soil Quality and Biofuel Production, Advances in Soil Science. CRC Press, Boca Raton, FL	Corn Residues	Book Chapter
Roth, G.W and C. Gustafson. 2010. Corn Cobs for Biofuel Production. eXtension factsheet. http://www.extension.org/pages/Corn_Cobs_for_Biofuel_Production	Corn Residues	Outreach publicationi
Roth, G.W. 2010. Corn Stover for Biofuel Production. eXtension factsheet. http://www.extension.org/pages/Corn_Stover_for_Biofuel_Production	Corn Residues	Outreach publicationi
Roth, G.W. 2011. Rationale for winter cover crops in bioenergy systems. Winter crops for bioenergy and more short course, March 29, 2011, Penn State Extension, University Park, PA.	Corn Residues	Outreach publicationi
Roth, G.W.2009. Bt Corn Stover...Does it Persist Longer? Field Crop News September 8, 2009 Vol. 09:26 (http://fcn.agronomy.psu.edu/2009/fcn0926.cfm#e).	Corn Residues	Outreach publicationi
Abodeely,J., D. Muth, and K. Bryden. 2012. Integration of the DAYCENT Biogeochemical Model within a Multi-	Corn Residues	Peer reviewed publicaton
D. Muth, D. McCorkle, J. Koch, and K. M. Bryden. 2012. Modeling the Impact of Variability at the Sub-Field Scale on Sustainable Agricultural Residue Removal, Agronomy Journal, 104:970-981.	Corn Residues	Peer reviewed publicaton
Hammerbeck, A.L., S.J. Stetson, S.L. Osborne, T.E. Schumacher, and J.L. Pikul Jr. 2012. Corn residue removal impact on soil aggregates in a No-till corn/soybean rotation. Soil Sci. Soc. Am. J. 76:1390-1398.	Corn Residues	Peer reviewed publicaton
Johnson et al. 2010. Conservation considerations for sustainable bioenergy feedstock production: If, what, where, and how much? Journal of Soil and Water Conservation 65 (4):88A-91A.	Corn Residues	Peer reviewed publicaton
Johnson J, Acosta-Martinez V, Cambardella C, Barbour N (2013) Crop and Soil Responses to Using Corn Stover as a Bioenergy Feedstock: Observations from the Northern US Corn Belt. Agriculture 3:72-89	Corn Residues	Peer reviewed publicaton

Johnson JMF, Wilhelm WW, Karlen DL, Archer DW, Wienhold B, Lightle D et al. (2010) Nutrient Removal as a function of corn stover cutting height and cob harvest. <i>BioEnergy Res</i> 3:342-352. DOI: 10.1007/s12155-010-9093-3:	Corn Residues	Peer reviewed publicaton
Karlen, D.L. 2010. Corn Stover Feedstock Trials to Support Predictive Modeling. <i>Global Change Biology – Bioenergy</i> 2:235-247. 2010.	Corn Residues	Peer reviewed publicaton
Karlen, D.L. Varvel, G.E., Johnson, J.M-F., Baker, J.M., Osborne, S.L., Novak, J.M., Adler, P.R., Roth, G.W. and Birrell, S.J. Monitoring Soil Quality to Assess the Sustainability of Harvesting Corn Stover. <i>Agron. J.</i> 103:288-295. 2011.	Corn Residues	Peer reviewed publicaton
Karlen, D.L., and Kerr, B.J. Future Testing Opportunities to Ensure Sustainability of the Biofuels Industry. <i>Commun. Soil Sci. Plant Anal.</i> 43:36-46.	Corn Residues	Peer reviewed publicaton
Karlen, D.L., Birrell, S.J. and Hess, J.R. A Five-Year Assessment of Corn Stover Harvest in Central Iowa, USA. <i>Soil Tillage Research</i> 115-116:47-55.	Corn Residues	Peer reviewed publicaton
Koch, J, D Muth, and K Bryden. 2012. An Integrated Modeling and Data Management Strategy for Cellulosic Bio	Corn Residues	Peer reviewed publicaton
Laird, D.A., Fleming, P.D., Davis, D.D., Horton, R., Wang, B., and Karlen, D.L. 2010. Impact of Biochar Amendments on the Quality of a Typical Midwestern Agricultural Soil. <i>Geoderma</i> 158:443-449.	Corn Residues	Peer reviewed publicaton
Laird, D.A., Fleming, P.D., Wang, B., Horton, R., and Karlen, D.L. 2010. Biochar impact on nutrient leaching from a midwestern agricultural soil. <i>Geoderma</i> 158:436-442.	Corn Residues	Peer reviewed publicaton
D Muth, KM Bryden (2012) “An Integrated Model for Assessment of Sustainable Agricultural Residue Removal	Corn Residues	Peer reviewed publicaton
D Muth, KM Bryden (2012) “An Investigation of Sustainable Variable Rate Residue Removal,” <i>Journal of Environ</i>	Corn Residues	Peer reviewed publicaton

<p>Muth, D.J., D.S. McCorkle, J.B. Koch, and K.M. Bryden. 2012. Modeling sustainable agricultural residue removal at the subfield scale. <i>Agron J.</i> 104:970-981. https://www.agronomy.org/publications/aj/pdfs/104/4/970</p>	Corn Residues	Peer reviewed publicaton
<p>Muth, D.J., K.M. Bryden, and R.G. Nelson. 2013. Sustainable agricultural residue removal for bioenergy: A spatially comprehensive US national assessment. <i>Appl. Energ</i> 102:403-17. http://www.sciencedirect.com/science/article/pii/S0306261912005508#</p>	Corn Residues	Peer reviewed publicaton
<p>Pourhashem, G., P. R. Adler, A. McAloon, and S. Spatari. 2013. Cost and greenhouse gas emission tradeoffs of alternative uses of lignin for second generation ethanol. <i>Environ. Res. Lett.</i> 8 025021 doi:10.1088/1748-9326/8/2/025021.</p>	Corn Residues	Peer reviewed publicaton
<p>Stetson, S.J., S.L. Osborne, T.E. Schumacher, A. Eynard, G. Chilom, J. Rice, K.A. Nichols, and J.L. Pikul Jr. 2012. Corn residue removal impact on topsoil organic carbon in a corn-soybean rotation. <i>Soil Sci. Soc. Am. J.</i> 76:1399-1406.</p>	Corn Residues	Peer reviewed publicaton
<p>Follett, R.F., Vogel, K.P., Varvel, G.E., Mitchell, R.B., and Kimble, J.M. 2012. Soil carbon sequestration by maize and switchgrass grown for bioenergy. <i>BioEnergy Research.</i> 5:866-875.</p>	Corn Residues	Peer reviewed publicaton
<p>Wienhold, B.J., Varvel, G.E., and Jin, V.L. Corn cob residue carbon and nutrient dynamics during decomposition. <i>Agronomy Journal</i> 103:1192-1197. 2011.</p>	Corn Residues	Peer reviewed publicaton
<p>Wilhelm et al. 2010. Balancing limiting factors & economic drivers for sustainable Midwestern US agricultural residue feedstock supplies. <i>Industrial Biotechnology</i> 6:271-287.</p>	Corn Residues	Peer reviewed publicaton
<p>Wilhelm, W.W., J.M.F. Johnson, D. Lightle, N.W. Barbour, D.L. Karlen, D.A. Laird, J. Baker, T.E. Ochsner, J.M. Novak, A.D. Halvorson, D.W. Archer, and F. Arriaga. 2010. Vertical Distribution of Corn Stover Dry Mass Grown at Several U.S. Locations. <i>BioEnergy Res.</i> 4:11-21.</p>	Corn Residues	Peer reviewed publicaton
<p>Hammerbeck, A.L., S.L. Osborne, S.J. Stetson, T.E. Schumacher and J.L. Pikul, Jr. 2012. Corn residue removal impact on soil aggregate distribution and particulate organic matter. In: A. Schlegel and H.D. Bond, editors, <i>Proceedings of the Great Plains Soil Fertility Conference</i>. Denver, CO. 6-7 Mar. International Plant Nutrition Institute, Norcross, GA. 14:252-257. http://www.ars.usda.gov/research/publications/publications.htm?seq_no_115=277718</p>	Corn Residues	Poster Presentation
<p>Tallaksen, J. 2012. Corn Cobs for Ethanol Process Energy. International Fuel Ethanol Workshop, June 6, 2012, Minneapolis, MN.</p>	Corn Residues	Presentation

Adler, P.R., S.J. Del Grosso, G. Pourhashem S. Spatari, G.W. Roth, and W.J. Parton. 2010. Quantifying and mitigating the environmental impacts of using corn stover as a biofuel feedstock. Ecological Society of America, August 1 - 6, 2010, Pittsburgh, PA.	Corn Residues	Presentation
Anex, RP., Muth, DJ., Hess, JR., Richard, TL., Karlen, DL., 2010, An integrated analysis tool to guide sustainable biomass production. 32nd Symposium on Biotechnology for Fuels and Chemicals. Clearwater Beach, FL, April 19-22, 2010.	Corn Residues	Presentation
Edgerton, M., A. Dubish and J. M. F Johnson Sustainable Food and Energy Production: Environmental and economic benefits of properly managing ethanol production from corn biomass. North Central Soil Conservation Research Laboratory - annual Field Day, August 18, 2011	Corn Residues	Presentation
Houser, C.D. and G.W. Roth. 2010. Exploring Strategies for Sustainable Corn Stover Harvest. Northeast Corn Improvement Conference, Lancaster, PA February 14, 2010.	Corn Residues	Presentation
Houser, C.D., G.W. Roth, P.R. Adler, and T.L Richard. 2009. Sustainability of corn stover removal for biofuel production. Energy Bridge Inaugural Meeting; July 15-16, 2009. University Park, PA.	Corn Residues	Presentation
Johnson, J.M.F. 2010. Sustainable Stover Harvest or I'm the "Lorax" I speak for the Soil. Invited talk in Applied Plant Series Seminar Series 'Sustainable Development of Multifunctional Landscapes---Land, Food, Human health, and Energy' at University of Minnesota, Agronomy Department, St. Paul, MN.	Corn Residues	Presentation
Jane M. F. Johnson and Nancy W. Barbour. 2011. Yield response to corn stover harvest in the northern Corn Belt. Presented at Fundamental for Life: Soil, Crop and Environmental Sciences. ASA, CSSA, SSSA International meeting. San Antonio, TX Oct 16-19, 2011	Corn Residues	Presentation
Johnson, J.M.F. 2010. Increasing soil health. Presentation at Rural Advantage, Third Crop Producers Meeting, March 22, 2010. Fairmont, MN	Corn Residues	Presentation
Johnson, J.M.F. 2010. Sustainability Models. Invited presentation at "Sustainable stover harvest science forum" Deere/ADM/Monsanto Corn Stover Project External Data Review. January 21-22, 2010. Monsanto Creve Coeur Campus, D-Bldg. St. Louis, Missouri	Corn Residues	Presentation
Johnson, J.M.F., B. Dalzell and J Tallaksen. 2011. Tools for properly managing biomass harvest. University of Minnesota, West Central Research and Outreach Center – Summer Center Day July 8, 2011, Morris, MN.	Corn Residues	Presentation

Johnson, J.M.F. and D.L. Karlen. 2009. Advancing biofuels: Balancing for sustainability. Presentation at "Advances in Biofuels and Bioproducts: Life Cycle Analysis and Sustainability Symposium", August 16-20, 2009. AGRO Division of the American Chemical Society. 238th ACS National Meeting & Exposition, Washington DC.	Corn Residues	Presentation
Johnson, J.M.F. 2011. Soil carbon balance- Residue removal. Presentation on Soil Quality Assessment and Applications for NRCS field staff. August 25, 2011 Brookings, SD.	Corn Residues	Presentation
Johnson, J.M. and N.W. Barbour. 2011. Yield response to corn stover harvest in the northern Corn Belt. In: Abstracts [CDROM], ASA-CSSA-SSSA Annual Meetings, San Antonio, TX. 16-19 Oct. Abstract https://a-c-s.confex.com/crops/2011am/webprogram/Paper64389.html , https://dl.sciencesocieties.org/publications/meetings/download/pdf/2011am/64389	Corn Residues	Presentation
Storlien, Joseph, Frank Hons, James Heilman, Jason Wight and Ieyasu Tokumoto. 2011. Effects of Specific Integrated Practices On Greenhouse Gas Fluxes From Bioenergy Sorghum Production In Central Texas. Annual Meeting of American Society of Agronomy, San Antonio, TX.	Corn Residues	Presentation
Karlen, D.L. 2009. Corn Stover Feedstock Field Trials And Future Integrative Visioning. ASA-CSSA-SSSA Annual Meetings, November 1 – 5. Pittsburgh, PA (available on CD).	Corn Residues	Presentation
Karlen, D.L. 2009. Soil Quality: An Indicator of Sustainable Biofuel Feedstock Production. ASA-CSSA-SSSA Annual Meetings, November 1 – 5. Pittsburgh, PA (available on CD).	Corn Residues	Presentation
Karlen, D.L. 2010. An Integrated Landscape Vision for Sustainable Feedstock Supplies. Agricultural Outlook Forum, February 17-18, 2010, Arlington, VA	Corn Residues	Presentation
Karlen, D.L. 2010. Challenges and Opportunities for Sustainable Corn Stover Harvest. National No-tillage Conference, January 13, 2010, Des Moines, IA.	Corn Residues	Presentation
Karlen, D.L. 2010. Corn Stover Feedstock Field Trials and Future Integrative Visioning. DAM Stover Project Advisory Team Meeting, January 21-22, 2010, St. Louis, MO.	Corn Residues	Presentation
Karlen, D.L. 2010. High Yields for Enhanced Sustainable Feedstock Production. Biomass 2010 Conference, March 30-31, 2010, Arlington, VA.	Corn Residues	Presentation

Karlen, D.L. 2011. An ARS Researcher's Perspective on Uses for 2011 BT2 Data. Presentation at the Billion Ton Update Workshop, September 29-30, 2011. Oak Ridge, TN.	Corn Residues	Presentation
Karlen, D.L. 2011. An Overview of ARS REAP. Presentation at the USDA-Bioenergy Research Centers Workshop, March 16, 2011. Denver, CO.	Corn Residues	Presentation
Karlen, D.L. and D.J. Muth (Jr.). 2011. Regional Feedstock Partnership: Agricultural Residues & Stover Removal Tool. April 7, 2011. DOE Platform Review. Available online at: http://obpreview2011.govtools.us/presenters/public/AllPresentations.aspx	Corn Residues	Presentation
Karlen, D.L. and N.R. Kitchen. 2010. A Landscape Vision for Sustainable Biofuel Feedstock Production. Presented at the Managing Agricultural Landscapes – II conference April 28, 2010, Denver, CO.	Corn Residues	Presentation
Karlen, D.L. 2013. ARS Renewable Energy Assessment Project (REAP) Overview and Findings: A Partnership Report. PowerPoint presentation at the National Wildlife Federation Workshop on Sustainable Bioenergy Feedstock Harvest. January 28, 2013. Washington, D.C.	Corn Residues	Presentation
Karlen, D.L. 2011. Balancing Biomass Production, Soil Health and Fertility Needs. Presentation to the Innovative Farmers of Ontario, Canada. February 23-24, 2011. London, Ontario.	Corn Residues	Presentation
Karlen, D.L. 2010. Soil Quality Impacts of Residue Removal for Biofuel Feedstock. Presented at the Heartland Soil and Water Quality Workshop. June 9, 2010. Nebraska City, NE.	Corn Residues	Presentation
Karlen, D.L. 2013. The Corn Stover Team – A 5-year Review. PowerPoint presentation at the 2013 Regional Feedstock Partnership Annual Meeting. February 14, 2013. Tunica, MS.	Corn Residues	Presentation
Muth, D. 2012. Agronomic Strategies to Support Sustainable Agricultural Residue Harvest. ADM-Monsanto Corn Stover Removal Project Science Review, February 2012, St. Louis, MO.	Corn Residues	Presentation
Muth, D. 2012. Sustainable Corn Stover Removal. Invited Seminar to the Bioenergy Environmental Sustainability Roundtable, Washington, D.C.	Corn Residues	Presentation

Muth, D. and D. Karlen. 2012. Agronomic Strategies to Support Sustainable Agricultural Residue Harvest. Invited Seminar to the Council for Sustainable Biomass Production, Washington, D.C.	Corn Residues	Presentation
Muth, D. and K. M. Bryden. 2012. Large Spatial Scale Assessments of Sustainable Agricultural Residue Harvest for Bioenergy Production. Regional Feedstock Partnership Residue Removal Team Annual Meeting, Ames, IA.	Corn Residues	Presentation
Muth, D. and K. M. Bryden. 2012. Sub-Field Scale Variability and Sustainable Agricultural Residue Harvest for Bioenergy Production. Regional Feedstock Partnership Residue Removal Team Annual Meeting, Ames, IA, February 2012.	Corn Residues	Presentation
Muth, D.J., Jr., and D.L. Karlen. 2012. Sustainability analyses. PowerPoint presentation at the 2013 Regional Feedstock Partnership Annual Meeting. February 14, 2013. Tunica, MS.	Corn Residues	Presentation
Osborne, S. 2011. Indicators of Short-term Changes in Soil Carbon. Presentation at the Eastern South Dakota Soil and Water Research Farm Field Tour 21 June, 2011 in Brookings SD.	Corn Residues	Presentation
Paustian, K. presented a research summary at the Escola Superior de Agricultura "Luiz de Queiroz" in Piracicaba, Brazil on July 7, 2011	Corn Residues	Presentation
Johnson, J.M.F. 2013. Morris, MN Swan Lake Experimental Farm Research. Presentation at Corn Stover team meeting. Ames, IA	Corn Residues	Presentation
Presented by invitation at National Summit on Sustainability Considerations in Harvesting Crop Residue for Biomass hosted by The National Wildlife Federation along with the Great Plains Institute, in Washington, DC, on January 28, 2013.	Corn Residues	Presentation
Roth, G. W. 2011. Improving the sustainability of corn stover harvest. Keystone Crops and Soils Conference, Harrisburg, PA, October 26, 2011.	Corn Residues	Presentation
Roth, G.W. C.D. Houser, D.Beyer, M. Hall, M. Fidanza and P.R. Adler. 2012. Sustainable corn stover harvesting strategies. June 11, 2012. Penn State Mushroom Short Course. University Park, PA	Corn Residues	Presentation

<p>The Residue tool was discussed in several presentations including the USDA-ARS Bioenergy Research Center Workshop, the Innovative Farmers of Ontario Workshop, and the National Sun Grant meeting.</p>	Corn Residues	Presentation
<p>Varvel, G., Wienhold, B., and Jin, V. participated in the Crop Management Diagnostic Clinic at the University of Nebraska Agricultural Research and Development Center in July and presented information and results from the residue removal studies to clinic participants.</p>	Corn Residues	Presentation
<p>Wienhold, B.J., Varvel, G.E, and Jin, V.L. 2010. Role of Corn Cob Residue Fraction in Carbon and Nutrient Dynamics. Sustainable Feedstocks for Advanced Biofuels, Sept. 28-30, 2010. Atlanta, GA.</p>	Corn Residues	Presentation
<p>Abodeely, J., D. Muth, P. R. Adler, E. Campbell, K. Bryden. 2012. A multi-factor analysis of sustainable agricultural residue removal potential. In Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/.</p>	Corn Residues	Proceeding
<p>Campbell, E.E., J.M.F. Johnson, V.L. Jin, G.E. Varvel, P.R. Adler, and K. Paustian. 2012. Using DayCent to model the soil impacts of harvesting corn stover for bioenergy. In Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/.</p>	Corn Residues	Proceeding
<p>Johnson et al. 2011 Crop Residues of the Contiguous United States: Balancing feedstock and soil needs with conservation tillage, cover crops, and biochar Sustainable. In: Proc. Feedstocks for Advanced Biofuels. SWCS 28-30 September, 2010, Atlanta, GA.</p>	Corn Residues	Proceeding
<p>Johnson, J.M.F. 2010. Organic matter balance: Managing for soil protection and bioenergy production. In: Proceedings of the Southwest Agricultural Conference, Chatham, Ontario, Canada.</p>	Corn Residues	Proceeding
<p>Karlen, D.L., S.J. Birrell, J.M.F. Johnson, S.L. Osborne, T.E. Schumacher, G.E. Varvel, R.B. Ferguson, J.M. Novak, J.R. Fredrick, J.M. Baker, J.A. Lamb, P.R. Adler, G.W. Roth, and E.D. Nafziger. 2012. Corn grain, stover yield and nutrient removal validations at regional partnership sites. In Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/.</p>	Corn Residues	Proceeding
<p>Kovar, J.L. and Karlen, D.L.. 2011. Fluid Fertilizer's Role in Sustaining Soils Used for Bio-energy Feedstock Production. In: Leikam, D.F. (ed). Fluid Fertilizer Foundation Symposium Proceedings. Fluid Fertilizer Forum, Feb. 20-22, 2011, Scottsdale, AZ. 2011 CD-ROM, Volume 28. (Conference Proceedings)</p>	Corn Residues	Proceeding
<p>Stott, D. E., V. L. Jin, T. F. Ducey, D.L. Karlen, G.E. Varvel, J.M.F. Johnson, J.M. Baker, S.L. Osborne, J.M. Novak, P.R. Adler, G.W. Roth, S.J. Birrell. 2012. Influence of corn stover harvest on soil quality assessment at multiple locations across the U.S. In Proceedings from Sun Grant National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA. Retrieved from www.sungrant.tennessee.edu/NatConference/.</p>	Corn Residues	Proceeding

<p>Muth, D. and Karlen, D. 2013. We held two webinars with key leaders of USDA ARS, NRCS, and ERS to discuss the distribution of a beta-test version of the residue tool to guide policy decisions.</p>	<p>Corn Residues</p>	<p>Webinar</p>
<p><i>The following can all be partially attributed to the availability of Sun Grant funds.</i></p>		
<p>Johnson, J.M., F.J. Arriaga, G.M. Banowetz, D.R. Huggins, D. Laird, M.J. Ottman, and B.J. Wienhold. 2011. Crop residues of the contiguous United States: balancing feedstock and soil needs with conservation tillage, cover crops, and biochar. In: R. Braun, D. Karlen, and D. Johnson, editors, Sustainable alternative fuel feedstock opportunities, challenges and roadmaps for six U.S. regions. Soil and Water Conservation Society, Ankeny, IA. http://www.swcs.org/roadmap (accessed 5 Dec. 2013).</p>	<p>Corn Residues</p>	<p>Book Chapter</p>
<p>Johnson, J.M., and J.M. Novak. 2012. Sustainable bioenergy feedstock production systems: integrating carbon dynamics, erosion, water quality, and greenhouse gas production. In: M.A. Liebig, A.J. Franzluebbers, and R.F. Follett, editors, Managing agricultural greenhouse gases: coordinated agricultural research through GRACEnet to address our changing climate. Elsevier, San Diego, CA. p. 111-126. http://rrru.ars.usda.gov/research/publications/publications.htm?SEQ_NO_115=265295&pf=1</p>	<p>Corn Residues</p>	<p>Book Chapter</p>
<p>Karlen, D.L. 2011. Crop stubble needs and opportunities. Western Australia No-Till Farmers Association Newsletter (WANTFA). New Frontiers in Agriculture 19:112-115. http://iapreview.ars.usda.gov/research/publications/publications.htm?seq_no_115=271032</p>	<p>Corn Residues</p>	<p>Outreach publicationi</p>
<p>Wienhold, B.J. 2012. Cob component of corn residue can be used as a biofuel feedstock with little impact on soil and water conservation. Natural Resources Research Update (NRRU). Update #278169. http://hdl.handle.net/10113/44286, http://hdl.handle.net/10113/48120</p>	<p>Corn Residues</p>	<p>Outreach publicationi</p>
<p>Liang, Y., H.T. Gollany, R.W. Rickman, S.L. Albrecht, R.F. Follett, W.W. Wilhelm, J.M. Novak, and C.L. Douglas. 2009. Simulating soil organic matter with CQESTR (v.2.0): model description and validation against long-term experiments across North America. Ecol. Model. 220:568-581. http://handle.nal.usda.gov/10113/27756</p>	<p>Corn Residues</p>	<p>Peer reviewed publicaton</p>
<p>Gollany, H.T., J.M. Novak, Y. Liang, S.L. Albrecht, R.W. Rickman, R.F. Follett, W.W. Wilhelm, and P.G. Hunt. 2010. Simulating soil organic carbon dynamics with residue removal using the CQESTR model. Soil Sci. Soc. Am. J. 74:372-283. http://handle.nal.usda.gov/10113/41347</p>	<p>Corn Residues</p>	<p>Peer reviewed publicaton</p>
<p>Ochsner, T.E., J.M. Baker, K. Albrecht, and T. Schumacher. 2010. Water balance and nitrate leaching for corn in kura clover living mulch. Agron. J. 102:1169-1178. http://handle.nal.usda.gov/10113/46753</p>	<p>Corn Residues</p>	<p>Peer reviewed publicaton</p>
<p>Wienhold, B.J. and J.E. Gilley. 2010. Cob removal effect on sediment and runoff nutrient loss from a silt loam soil. Agron. J. 102:1448-1452. http://handle.nal.usda.gov/10113/48120</p>	<p>Corn Residues</p>	<p>Peer reviewed publicaton</p>

Gollany, H.T., R.W. Rickman, Y. Liang, S. Albrecht, S. Machado, and S. Kang. 2011. Predicting agricultural management influence on long-term soil organic carbon dynamics: implications for biofuel production. <i>Agron. J.</i> 103:234-246. http://handle.nal.usda.gov/10113/49746	Corn Residues	Peer reviewed publicaton
Fassbinder, J.J., N. Schultz, J.M. Baker, and T.J. Griffis. 2013. Automated, low-power chamber system for measuring N2O emissions. <i>J. Env. Qual.</i> 42:606–614. http://iapreview.ars.usda.gov/research/publications/publications.htm?seq_no_115=283822	Corn Residues	Peer reviewed publicaton
Feyereisen, G.F., G.G. Camargo, R.E. Baxter, J.M. Baker, and T. Richard. 2013. Cellulosic biofuel potential of a winter rye double crop across the U.S. corn-soybean belt. <i>Agron. J.</i> 105:631-642. https://www.agronomy.org/publications/aj/pdfs/105/3/631	Corn Residues	Peer reviewed publicaton
Del Grosso, S.J., J.W. White, G. Wilson, B.C. Vandenberg, D.L. Karlen, R.F. Follett, J.M.-F. Johnson, A.J. Franzluebbbers, D.W. Archer, H.T. Gollany, M.A. Liebig, J.C. Ascough II, M.A. Reyes-Fox, J.L. Starr, N.W. Barbour, R.W. Polunsky, M. Gutwein, D.E. James, and L.S. Pellack. 2013. Introducing the GRACenet/REAP data contribution, discovery and retrieval system. <i>J. Env. Qual.</i> 42:1274-1280. https://sites.google.com/a/ncsu.edu/ars-ncsu-soil-ecology/services	Corn Residues	Peer reviewed publicaton
Dalzell, B.J., J.M.-F. Johnson, J. Tallaksen, D.L. Allan, and N.W. Barbour. 2013. Simulated impacts of crop residue removal and tillage on soil organic matter maintenance. <i>Soil Sci. Soc. Am. J.</i> 77:1349-1356. http://handle.nal.usda.gov/10113/57059	Corn Residues	Peer reviewed publicaton
Karlen, D.L. and Muth, D.L. Jr. 2013. Landscape Management for Sustainable Supplies of Bioenergy Feedstock and Enhanced Soil Quality. <i>Agrociencia Uruguay</i> 17:121-130.	Corn Residues	Peer reviewed publicaton
Karlen, D.L., Birrell, S.J., and Wirt, A.W.2013. Corn Stover Harvest Strategy Effects on Grain Yield and Soil Quality Indicators. <i>Agrociencia Uruguay</i> 17:131-140.	Corn Residues	Peer reviewed publicaton
Moore, K.J., and D.L. Karlen. 2013. Double cropping opportunities for biomass crops in the north central USA. <i>B</i>	Corn Residues	Peer reviewed publicaton
Archer, D.W., D.J. Muth, J.J. Jacobson, and D.L. Karlen. 2012. Economics of residue harvest: regional partnership evaluation. Corn stover management effects on soil organic carbon contents from several U.S. locations. In: <i>Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN.</i> http://sungrant.tennessee.edu/NR/rdonlyres/8CF2F183-8B72-4E48-9E2F-BCAB4E421C7A/3625/41Archer_David.pdf	Corn Residues	Proceeding
Baker, J.M., J. Fassbinder, T.J. Sauer, and J.A. Lamb. 2012. Corn stover removal impacts on N2O emission and soil respiration: lessons from automated chamber measurements. In: <i>Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN.</i> http://sungrant.tennessee.edu/NR/rdonlyres/5781889E-695B-4B95-8185-84096468CF51/3712/42Baker_John_VO_edits.pdf	Corn Residues	Proceeding

Corn	<p>Cantrell, K.B., J.M. Novak,, J.R. Frederick, D.L. Karlen, and D.W Watts. 2012. Distribution of energy content in corn plants as influenced by corn residue management. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/2DAC5371-60EE-4045-825E-9AC0DEC5278E/3665/13Cantrell_Keri.pdf</p>	Corn Residues	Proceeding
	<p>Jin, V.L., J.M. Baker, J.M.F. Johnson, D.L. Karlen, R.M. Lehman, S.L. Osborne, T.J. Sauer, D.E. Stott, G.E. Varvel, and R.T. Venterea. 2012. Greenhouse gas fluxes in response to corn stover harvest. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/5781889E-695B-4B95-8185-84096468CF51/3735/Jin_Virginia.pdf</p>	Corn Residues	Proceeding
	<p>Johnson, J.M., G.E. Varvel, D.E. Stott, S.L. Osborne, J.M. Novak, D.L. Karlen, J. Lamb, and J.M. Baker. 2012. Corn stover management effects on soil organic carbon contents from several U.S. locations. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/5781889E-695B-4B95-8185-84096468CF51/3724/JaneJohnson.pdf</p>	Corn Residues	Proceeding
	<p>Karlen, D.L., Birrell, S.J., Johnson, J.M.F., Osborne, S.L., Schumacher, T.E., Varvel, G.E., Ferguson, R.B., Novak, J.M., Fredrick, J.R., Baker, J.M., Lamb, J.A., Adler, P.R., Roth, G.W., Nafziger, E.D. 2012. Corn grain, stover yield and nutrient removal validations at regional partnership sites. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN.</p>	Corn Residues	Proceeding
	<p>Mourtzinis, S., K.B. Cantrell, F. Arriaga, J.M. Novak, J.R. Fredrick, and D.L. Karlen 2012 Distribution of structural carbohydrates in corn plants as influenced by corn residue management. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/2DAC5371-60EE-4045-825E-9AC0DEC5278E/3666/14Mourtzinis_Spyridon.pdf</p>	Corn Residues	Proceeding
	<p>Osborne, S.L., J.M.F. Johnson, V.L. Jin, G.E. Varvel, and T.E Schumacher. Regional partnership corn stover management effects on soil aggregation and physical properties. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/3880A277-C502-4EC9-9DEB-C385186A5C85/3703/211Osborne_Shannon.pdf</p>	Corn Residues	Proceeding
	<p>Stott, D.E., V.L. Jin, T.F. Ducey, D.L. Karlen, G.E. Varvel, J.M.F. Johnson, J.M. Baker, S.L. Osborne, J.M. Novak, P.R. Adler, G.W. Roth, and S.J. Birrell. 2012. Influence of corn stover harvest on soil quality assessments at multiple locations across the U.S. In: Science for Biomass Feedstock Production and Utilization. Proceedings of the Sun Grant National Conference, New Orleans, LA. 2-5 Oct. The Southeastern Regional Sun Grant Center, Knoxville, TN. http://sungrant.tennessee.edu/NR/rdonlyres/5781889E-695B-4B95-8185-84096468CF51/3723/VirginiaJin.pdf</p>	Corn Residues	Proceeding

Cereal Residues

<p><i>Jochum Wiersma, Jing Dai, Russ Karow, Mike Ottman, Brad Brown, Joel Ransom, Jeff Edwards, Mike Flowers, Brent Bean, Gale Morgan, Bill Bruening, Chad Lee. 201X. "Harvest Index and Straw Yield of Five Classes of Wheat" (in review)</i></p>	Cereal Residues	Peer reviewed publication
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The following were part of an Agronomy Journal special issue after an ASA symposium on this topic--Partnership was directly or indirectly related.

Cereal Residues

David R. Huggins, Russell S. Karow, Harold P. Collins, and Joel K. Ransom. 2011. Evaluating Long-Term Impacts of Harvesting Crop Residues on Soil Quality. <i>Agronomy Journal</i> 103:230-233	Cereal Residues	Peer reviewed publication
H. T. Gollany, R. W. Rickman, Y. Liang, S. L. Albrecht, S. Machado and S. Kang. 2011. Predicting Agricultural Management Influence on Long-Term Soil Organic Carbon Dynamics: Implications for Biofuel Production. <i>Agronomy Journal</i> 103:234-246	Cereal Residues	Peer reviewed publication
D. D. Tarkalson, B. Brown, H. Kok and D. L. Bjerneberg. 2011. Small Grain Residue Management Effects on Soil Organic Carbon: A Literature Review. <i>Agronomy Journal</i> 103:247-252	Cereal Residues	Peer reviewed publication
Stephen Machado. 2011. Soil Organic Carbon Dynamics in the Pendleton Long-Term Experiments: Implications for Biofuel Production in Pacific Northwest. <i>Agronomy Journal</i> 103:253-260	Cereal Residues	Peer reviewed publication
Emerson D. Nafziger and Robert E. Dunker. 2011. Soil Organic Carbon Trends Over 100 Years in the Morrow Plots. <i>Agronomy Journal</i> 103:261-267	Cereal Residues	Peer reviewed publication
Randall J. Miles and James R. Brown. 2011. The Sanborn Field Experiment: Implications for Long-Term Soil Organic Carbon Levels. <i>Agronomy Journal</i> 103:268-278	Cereal Residues	Peer reviewed publication
David S. Powlson, Margaret J. Glendining, Kevin Coleman and Andrew P. Whitmore. 2011. Implications for Soil Properties of Removing Cereal Straw: Results from Long-Term Studies. <i>Agronomy Journal</i> 103:279-287	Cereal Residues	Peer reviewed publication
Douglas L. Karlen, Gary E. Varvel, Jane M. F. Johnson, John M. Baker, Shannon L. Osborne, Jeff M. Novak, Paul R. Adler, Greg W. Roth and Stuart J. Birrell. 2011. Monitoring Soil Quality to Assess the Sustainability of Harvesting Corn Stover. <i>Agronomy Journal</i> 103:288-295	Cereal Residues	Peer reviewed publication

Education

Education

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Website