AAPFCO (1995) Commercial fertilizers 1995. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (1996) Commercial fertilizers 1996. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (1997) Commercial fertilizers 1997. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (1998) Commercial fertilizers 1998. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (1999) Commercial fertilizers 1999. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (2000a) 1999-2000 commercial fertilizers data. ASCII files. Available from D. Terry, Secretary. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (2000b) Commercial fertilizers 2000. Association of American Plant Food Control Officials, University of Kentucky, Lexington, KY.

AAPFCO (2002) Commercial fertilizers 2001. Association of American Plant Food Control Officials and The Fertilizer Institute, University of Kentucky, Lexington, KY.

AAPFCO (2003) Commercial fertilizers 2002. Association of American Plant Food Control Officials and The Fertilizer Institute. University of Kentucky, Lexington, KY.

AAPFCO (2004) Commercial fertilizers 2003. Association of American Plant Food Control Officials and The Fertilizer Institute. University of Kentucky, Lexington, KY.

AAPFCO (2005) Commercial fertilizers 2004. Association of American Plant Food Control Officials and The Fertilizer Institute. University of Kentucky, Lexington, KY.

AAPFCO (2006) Commercial fertilizers 2005. Association of American Plant Food Control Officials and The Fertilizer Institute. University of Kentucky, Lexington, KY.

Alexander, R.B. and R.A. Smith (1990) County-level estimates of nitrogen and phosphorous fertilizer use in the United States, 1945-1985. Open file report 90-130. U.S. Geological Survey. Available online at http://water.usgs.gov/pubs/of/ofr90130/>.

Allmaras, R.R., H.H. Schomberg, C.L. Douglas, and T.H. Dao (2000) Soil organic carbon sequestration potential of adopting conservation tillage in U.S. croplands. Journal of Soil and Water Conservation, 55:365-373.

Amichev, B.Y. and J.M. Galbraith (2004) A revised methodology for estimation of forest soil carbon from spatial soils and forest inventory data sets. Environmental Management, 33(S1):S74-S86.

Anonymous (1924) Fertilizer used on cotton, 1923-1924. Table 753, p. 1171, *Miscellaneous agricultural statistics*, in *1924 yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Barnard, G. and L. Kristoferson (1985) Agricultural residues as fuel in the Third World. Earthscan Energy Information Programme and the Beijer Institute of the Royal Swedish Academy of Sciences, London, England.

Birdsey, R.A. and L.S. Heath (1995) Carbon changes in U.S. forests. In *Productivity of America's forests and climate change, general technical report RM-271*. L.A. Joyce, editor. U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.

Birdsey, R.A. (1996) Carbon storage for major forest types and regions in the coterminous United States. Pp. 1-25 and *Appendixes 2-4* in *Forests and global change, vol. 2: forest management opportunities for mitigating carbon emissions.* R.N. Sampson and D. Hair, editors. American Forests, Washington, D.C.

Birdsey, R.A. and L.S. Heath (2001) Forest inventory data, models, and assumptions for monitoring carbon flux. Pp. 125-135 in *Soil carbon sequestration and the greenhouse effect*. Soil Science Society of America, Madison, WI.

Bogue, A.G. (1963) From prairie to Corn Belt: farming on the Illinois and Iowa prairies in the nineteenth century. The University of Chicago Press, Chicago, IL.

Bollich, P. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Pat Bollich, Professor with Louisiana State University Agriculture Center, May 17, 2000.

Bonnen, C.A. and F.F. Elliott (1931) Type of farming areas in Texas. Bulletin number 427. Texas Agricultural Experiment Station, Agricultural and Mechanical College of Texas, College Station, TX.

Bossio, D.A., W. Horwath, R.G. Mutters, and C. Van Kessel (1999) Methane pool and flux dynamics in a rice field following straw incorporation. Soil Biology and Biochemistry, 31:1313-1322.

Brenner, J., K. Paustian., G. Bluhm, J. Cipra, M. Easter, E.T. Elliott, T. Koutza, K. Killian, J. Schuler, and S. Williams (2001) Quantifying the change in greenhouse gas emissions due to natural resource conservation practice application in Iowa. Final report to the Iowa Conservation Partnership. Colorado State University, Natural Resource Ecology Laboratory and U.S. Department of Agriculture, Natural Resources Conservation Service, Fort Collins, CO.

Bricklemyer, R.S., P.R. Miller, P.J. Turk, K. Paustian, T. Keck and G.A. Nielsen (2007) Sensitivity of the century model to scale-related soil texture variability. Soil Science Society of America Journal, 71:784-792.

Brooks, W.P. (1901) Agriculture vol. II: manures, fertilizers and farm crops, including green manuring and crop rotation. The King-Richardson Co., Springfield, MA.

California Air Resources Board (1999) Progress report on the phase down of rice straw burning in the Sacramento Valley Air Basin. 1999 report to the legislature. California Air Resources Board and California Department of Food and Agriculture.

Cantens, G. (2004) Telephone conversation between Lauren Flinn of ICF Consulting and Janet Lewis, Assistant to Gaston Cantens, Vice President of Corporate Relations, Florida Crystals Company. July 30, 2004.

Cantens, G. (2005) Telephone conversation between Lauren Flinn of ICF Consulting and Janet Lewis, Assistant to Gaston Cantens, Vice President of Corporate Relations, Florida Crystals Company. July, 2005.

Cerri, C.E.P., M. Easter, K. Paustian, K. Killian, K. Coleman, M. Bernoux, P. Falloon, D.S. Powlson, N. Batjes, E. Milne, and C.C. Cerri (2007) Simulating soil organic carbon changes in 11 land use change chronosequences from the Brazilian Amazon with RothC and Century models. Agriculture, Ecosystem, and Environment, 122:46-57.

Chilcott, E.C. (1910) A study of cultivation methods and crop rotations for the Great Plains area. Bulletin number 187. U.S. Department of Agriculture, Bureau of Plant Industry, Government Printing Office, Washington, D.C.

Cibrowski, P. (1996) Telephone conversation between Heike Mainhardt of ICF Incorporated and Peter Cibrowski, Minnesota Pollution Control Agency. July 29, 1996.

Cicerone, R.J., C.C. Delwiche, S.C. Tyler, and P.R. Zimmerman (1992) Methane emissions from California rice paddies with varied treatments. Global Biogeochemical Cycles, 6:233-248.

CTIC (1998) 1998 crop residue management executive summary. Conservation Technology Information Center. Available online at http://www.ctic.purdue.edu/Core4/CT/CT.html.

Daly, C., R.P. Neilson, and D.L. Phillips (1994) A statistical-topographic model for mapping climatological precipitation over mountainous terrain. Journal of Applied Meteorology, 33:140-158.

Daly, C., G.H. Taylor, W.P. Gibson, T. Parzybok, G.L. Johnson, and P.A. Pasteris (1998) Development of high quality spatial datasets for the United States. Pp. I 512-I 519 in *Proceedings, 1st international conference on geospatial information in agriculture and forestry.* Lake Buena Vista, FL, June 1-3.

Del Grosso, S.J., W.J. Parton, A.R. Mosier, M.D. Hartman, J. Brenner, D.S. Ojima, and D.S. Schimel (2001) Simulated interaction of carbon dynamics and nitrogen trace gas fluxes using the DAYCENT model. Pp 303-332 in *Modeling carbon and nitrogen dynamics for soil management*. M. Schaffer, L. Ma, and S. Hansen, editors. CRC Press, Boca Raton, FL.

Del Grosso, S.J., A.R. Mosier, W.J. Parton and D.S. Ojima (2005) DAYCENT model analysis of past and contemporary soil N_2O and net greenhouse gas flux for major crops in the USA. Soil Tillage and Research, 83:9-24. doi:10.1016/j.still.2005.02.007.

Del Grosso, S.J., W.J. Parton, A.R. Mosier, M.K. Walsh, D.S. Ojima, and P.E. Thornton (2006) DAYCENT national-scale simulations of N_2O emissions from cropped soils in the USA. Journal of Environmental Quality, 35:1451-1460. doi: 10.2134/jeq2005.0160.

Deren, C. (2002) Telephone conversation between Caren Mintz of ICF Consulting and Dr. Chris Deren, Everglades Research and Education Centre at the University of Florida, 15 August.

Dixon, R.K. (1995) Agroforestry systems: sources or sinks of greenhouse gases? Agroforestry Systems, 31:99-116.

Dlugokencky, E.J., R.C. Myers, P.M. Lang, K.A. Masarie, A.M. Crotwell, K.W. Thoning, B.D. Hall, J.W. Elkins, and L.P. Steele (2005) Conversion of NOAA atmospheric dry air CH₄ mole fractions to a gravimetrically prepared standard scale. Journal of Geophysical Research, 110:(D)18306. doi:10.1029/2005JD006035.

Dwyer, J.F., D.J. Nowak, M.H. Noble, and S.M. Sisinni (2000) Connecting people with ecosystems in the 21st century: an assessment of our nation's urban forests. General technical report PNW-490. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR.

EIA (2001) Annual energy outlook with projections to 2020. Energy Information Administration, U.S. Department of Energy, Washington, D.C. Available online at http://www.eia.doe.gov/environment.html>.

EIA (2005a) Electric power monthly, November 2005. Energy Information Administration, U.S. Department of Energy, Washington, D.C. Available online at http://www.eia.doe.gov/cneaf/electricity/epm/matrix96_2000.html.

EIA (2005b) Natural gas monthly, December 2005. Energy Information Administration, U.S. Department of Energy, Washington, D.C. Available online at ">http://www.eia.doe.gov/oil_gas/natural_gas/data_publications/natural_gas_monthly/ngm.html.>.

EPA (1992a) Global methane emissions from livestock and poultry manure. L.M. Safley, M.E. Casada, J.W. Woodbury, and K.F. Roos, authors. U.S. Environmental Protection Agency, Office of Air and Radiation, Washington, D.C. EPA (1992b) Prescribed burning background document and technical information document for prescribed burning best available control measures. EPA-450/2-92-003. Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency. Research Triangle Park, NC.

EPA (1993) Anthropogenic methane emissions in the United States: estimates for 1990. Report to Congress. EPA 430-R-93-003. U.S. Environmental Protection Agency, Office of Air and Radiation, Washington, D.C.

EPA (1994) International anthropogenic methane emissions: estimates for 1990. Report to Congress. EPA 230R-93-010. Office of Policy Planning and Evaluation, U.S. Environmental Protection Agency, Washington, D.C.

EPA (2000) Draft enteric fermentation model documentation. U.S. Environmental Protection Agency, Office of Air and Radiation, Washington, D.C.

EPA (2002a) Development document for the final revisions to The National Pollutant Discharge Elimination System (MPDES) regulation and the effluent guidelines for Concentrated Animal Feeding Operations (CAFOS). EPA-821-R-03-001. U.S. Environmental Protection Agency, Washington, D.C.

EPA (2002b) Cost methodology for the final revisions to the National Pollutant Discharge Elimination System (MPDES) regulation and the effluent guidelines for Concentrated Animal Feeding Operations (CAFOS). EPA-821-R-03-004. U.S. Environmental Protection Agency, Washington, D.C.

EPA (2003) Inventory of U.S. greenhouse gas emissions and sinks: 1990-2002. U.S. Environmental Protection Agency, Office of Atmospheric Programs, Washington, D.C. Available online at http://www.epa.gov/climatechange/emissions/downloads06/04CR.pdf>.

EPA (2006) Inventory of U.S. greenhouse gas emissions and sinks: 1990-2004. U.S. Environmental Protection Agency, Office of Atmospheric Programs, Washington, D.C. Available online at http://www.yosemite.epa.gov/OAR/globalwarming.nsf/UniqueKeyLookup/RAMR6MBLPF/\$File/06u pfront.pdf>.

EPA (2007) Inventory of U.S. greenhouse gas emissions and sinks: 1990-2005. U.S. Environmental Protection Agency, Office of Atmospheric Programs, Washington, D.C. Available online at http://www.epa.gov/climatechange/emissions/usinventoryreport.html.

EPA (2008) Inventory of U.S. greenhouse gas emissions and sinks: 1990-2005. U.S. Environmental Protection Agency, Office of Atmospheric Programs, Washington, D.C. Available online at < http://www.epa.gov/climatechange/emissions/downloads/08_CR.pdf>.

ERG (2000) Calculations: percent distribution of manure for waste management systems. Eastern Research Group, Inc., Morrisville, NC.

ERS (1997) Cropping practices survey data 1995. Economic Research Service, U.S. Department of Agriculture. Available online at http://www.ers.usda.gov/data/archive/93018/.

ERS (2002) Economic Research Service. U.S. Department of Agriculture. Available online at ">http://www.ers.usda.gov/>.

Edmonds, L., N. Gollehon, R.L. Kellogg, B. Kintzer, L. Knight, C. Lander, J. Lemunyon, D. Meyer, D.C. Moffitt, and J. Schaeffer (2003) Costs associated with development and implementation of comprehensive nutrient management plans, part 1: nutrient management, land treatment, manure and wastewater handling and storage, and recordkeeping. Natural Resources Conservation Service, U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Elliott, F.F. and J.W. Tapp (1928) Types of farming in North Dakota. Technical bulletin number 102. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Elliott, F.F. (1933) Types of farming in the United States. Census of Agriculture. U.S. Department of Commerce, Government Printing Office, Washington, D.C.

Ellsworth, J.O. (1929) Types of farming in Oklahoma. Bulletin number 181. Agricultural Experiment Station, Oklahoma Agricultural and Mechanical College, Miami, OK.

Euliss, N. and R. Gleason (2002) Wetland restoration factor estimates and restoration activity data. Compiled by N. Euliss and R. Gleason, USGS, Jamestown, ND, for S. Ogle, National Resource Ecology Laboratory, Fort Collins, CO.

Eve, M. (2001) E-mail from M. Eve of the Natural Resources Ecology Laboratory to B. Braatz and C. Mintz of ICF Consulting, containing statistics on U.S. organic soil areas cultivated in 1982, 1992, and 1997, which were extracted from the 1997 National Resources Inventory, September 21, 2001.

FAO (2002) FAOSTAT statistical database. Food and Agriculture Organization of the United Nations. Available online at http://apps.fao.org>.

Fife, L. (1999) Telephone conversation between Catherine Leining of ICF Consulting and Les Fife, President and General Manager, Fife Environmental. 9 June.

Firestone, M.K., and E.A. Davidson (1989) Microbial basis of NO and N₂O production and consumption in soils. Pp. 7-21 in *Exchange of trace gases between terrestrial ecosystems and the atmosphere*. M.O. Andreae and D.S. Schimel, editors. John Wiley, New York, NY.

Follett, R.L., J.M. Kimble, and R. Lal (2001) The potential of U.S. grazing lands to sequester soil carbon. In *The potential of U.S. grazing lands to sequester soil carbon and mitigate the greenhouse effect*. R.L. Follett and J.M. Kimble, editors. CRC Press, Boca Raton, FL.

Follett, R.F. (2001) Soil management concepts and carbon sequestration in cropland soils. Soil and Tillage Research, 61:77-92.

Fraps, G.S. and S.E. Asbury (1931) Commercial fertilizers in 1930-1931 and their uses. Bulletin number 434. Agricultural Experiment Station, Agricultural and Mechanical College of Texas, College Station, TX.

Garey, L.F. (1929) Types of farming in Minnesota. Bulletin number 257. Agricultural Experiment Station, University of Minnesota, St. Paul, MN.

Groffman, P.M., R. Brumme, K. Butterbach-Bahl, K.E. Dobbie, A.R. Mosier, D. Ojima, H. Papen, W.J. Parton, K.A. Smith, and C. Wagner-Riddle (2000) Evaluating annual nitrous oxide fluxes at the ecosystem scale. Global Biogeochemcial Cycles, 14(4):1061.

Guethle, D. (1999) Telephone conversation between Payton Deeks of ICF Consulting and David Guethle, Agronomy Specialist, Missouri Cooperative Extension Service. 6 August.

Guethle, D. (2000) Telephone conversation between Payton Deeks of ICF Consulting and David Guethle, Agronomy Specialist, Missouri Cooperative Extension Service. 17 May.

Guethle, D. (2001) Telephone conversation between Caren Mintz of ICF Consulting and David Guethle, Agronomy Specialist, Missouri Cooperative Extension Service. 31 July.

Guethle, D. (2002) Telephone conversation between Caren Mintz of ICF Consulting and David Guethle, Agronomy Specialist, Missouri Cooperative Extension Service. 19 August.

Guo, L.B. and R.M. Gifford (2002) Soil carbon stocks and land use change: a meta analysis. Global Change Biology, 4(8):345-360. doi:10.1046/j.1354-1013.2002.00486.x.

Haas, H.J., C.E. Evans, and E.F. Miles (1957) Nitrogen and carbon changes in Great Plains soils as influenced by cropping and soil treatments. Technical bulletin number 1164. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Hammel, J.E. (1995) Long-term tillage and crop rotation effects on winter wheat production in northern Idaho. Agronomy Journal, 87:16-22.

Hardies, E.W., and A.N. Hume (1927) Wheat in South Dakota. Bulletin number 222. Agricultural Experiment Station, South Dakota State College, Brookings, SD.

Hargreaves, M.W.M. (1993) Dry farming in the Northern Great Plains: years of readjustment, 1920-1990. University Press of Kansas, Lawrence, KS.

Haynes, R.W. (2003) An analysis of the timber situation in the United States: 1952-2050. General technical report PNW-560. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR.

Heath, L.S. and J.E. Smith (2000) An assessment of uncertainty in forest carbon budget projections. Environmental Science and Policy, 3:73-82.

Heath, L.S., J.E. Smith, and R.A. Birdsey (2003) Carbon trends in U. S. forest lands: a context for the role of soils in forest carbon sequestration. In *The potential of U.S. forest soils to sequester carbon and mitigate the greenhouse effect.* J.M. Kimble, L.S. Heath, R.A. Birdsey, and R. Lal, editors. CRC Press, New York, NY.

Hodges, J.A., F.F. Elliott, and W.E. Grimes (1930) Types of farming in Kansas. Bulletin number 251. Agricultural Experiment Station, Kansas State Agricultural College, Manhattan, KS.

Holmes, G.K. (1902) Practices in crop rotation. Pp. 519-532 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Holmes, C.L. (1929) Types of farming in Iowa. Bulletin number 259. Agricultural Experiment Station, Iowa State College of Agriculture and Mechanic Arts, Ames, IA.

Houghton, R.A., and J.L. Hackler (2000) Changes in terrestrial carbon storage in the United States, 1: the roles of agriculture and forestry. Global Ecology and Biogeography, 9:125-144.

Houghton, R.A., and C.L. Goodale (2004) Effects of land-use change on the carbon balance of terrestrial ecosystems. Pp. 85-98 in *Ecosystems and land use change*. R.S. DeFries, G.P. Asner, and R.A. Houghton, editors. American Geophysical Union, Washington, D.C.

Howard, J.L. (2001) U.S. timber production, trade, consumption, and price statistics 1965-1999. Research paper RP-595. U.S. Department of Agriculture, Forest Service, Forest Products Laboratory, Madison, WI.

Hurd, E.B. (1929) The corn enterprise in Iowa. Bulletin number 268. Agricultural Experiment Station, Iowa State College of Agriculture and Mechanic Arts, Ames, IA.

Hurd, E.B. (1930) Cropping systems in Iowa past and present. Bulletin number 268. Agricultural Experiment Station, Iowa State College of Agriculture and Mechanic Arts, Ames, IA.

Hurt, R.D. (1994) American agriculture: a brief history. Iowa State University Press, Ames, IA.

ILENR (1993) Illinois inventory of greenhouse gas emissions and sinks: 1990. Illinois Department of Energy and Natural Resources, Office of Research and Planning, Springfield, IL.

Ince, P. (1994) Recycling and long-range timber outlook. General technical report RM-242. U.S. Department of Agriculture, Forest Service, Fort Collins, CO.

Iowa State College Staff Members (1946) A century of farming in Iowa 1846-1946. Iowa State College Press, Ames, IA.

IPCC (1996) Climate change 1995: the science of climate change. J.T. Houghton, L.G. Meiro Filho, B.A. Callander, N. Harris, A. Kattenburg, K. Maskell, editors. Intergovernmental Panel on Climate Change, Cambridge University Press, Cambridge, UK.

IPCC (1997) Revised 1996 IPCC guidelines for national greenhouse gas inventories, vol. 1-3. Working Group 1, authors. Intergovernmental Panel on Climate Change, United Nations Environment Programme, Organization for Economic Cooperation and Development, International Energy Agency, Paris, France. Available online at http://www.iea.org/ipcc/invs6.htm>.

IPCC (2000) Good practice guidance and uncertainty management. Ch. 4 in *National greenhouse gas inventories*. Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Programme, Technical Support Unit, Kanagawa, Japan. Available online at http://www.ipcc-nggip.ig.

IPCC (2001) Climate change 2001: the scientific basis, contribution of Working Group I to the third assessment report of the Intergovernmental Panel on Climate Change. J.T. Houghton, Y. Ding, D.J. Griggs, M. Noguer, P.J. van der Linden, X. Dai, K. Maskell, and C.A. Johnson, editors. Cambridge University Press, Cambridge, UK.

IPCC (2003) Good practice guidance for land use, land-use change, and forestry. J. Penman, M. Gytarsky, T. Hiraishi, T. Krug, D. Kruger, R. Pipatti, L. Buendia, K. Miwa, T. Ngara, K. Tanabe and F. Wagner, editors. Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Programme, Technical Support Unit, Kanagawa, Japan. Available online at http://www.ipcc-nggip.iges.or.jp/public/gpglulucf/gpglulucf.htm.

IPCC (2006) 2006 IPCC guidelines for national greenhouse gas inventories, vol. 4: agriculture, forestry and other land use. S. Eggleston, L. Buendia, K. Miwa, T. Ngara, and K. Tanabe, editors. Intergovernmental Panel on Climate Change, National Greenhouse Gas Inventories Programme, Technical Support Unit, Kanagawa, Japan. Available online at < http://www.ipcc-nggip.iges.or.jp>.

Jenkins, B.M., S.Q. Turn, and R.B. Williams (1992) Atmospheric emissions from agricultural burning in California: determination of burn fractions, distribution factors, and crop-specific contributions. Agriculture, Ecosystems and Environment, 38:313-330.

Jenkins, J.C., D.C. Chojnacky, L.S. Heath, and R.A. Birdsey (2003) National-scale biomass estimators for United States tree species. Forest Science, 49:12-35.

Johnson, D.W. and P.S. Curtis (2001) Effects of forest management on soil carbon and nitrogen storage: meta analysis. Forest Ecology and Management, 140:227-238.

Johnson, K.A. and D.E. Johnson (1995) Methane emissions from cattle. Journal of Animal Science, 73:2483-2492.

Johnson, T.G., ed. (2001) United States timber industry, an assessment of timber product output and use, 1996. General technical report SRS–45. U.S. Department of Agriculture, Forest Service, Southern Research Station, Asheville, NC.

Keeling, C.D. and T.P. Whorf (2005) Atmospheric CO₂ records from sites in the SIO air sampling network, in *Trends: a compendium of data on global change*. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, U.S. Department of Energy, Oak Ridge, TN.

Kellogg, R.L., C.H. Lander, D.C. Moffitt, and N. Gollehon (2000) Manure nutrients relative to capacity of cropland and pastureland to assimilate nutrients: spatial and temporal trends for the United States. U.S. Department of Agriculture Natural Resource Conservation Service and Economic Research Service, nps00-0579, GSA National Forms and Publication Center, Fort Worth, TX. Available online at http://www.nrcs.usda.gov/technical/land/pubs/manntr.html.

Kelly, R.H., W.J. Parton, G.J. Crocker, P.R. Grace, J. Klir, M. Korschens, P.R. Poulton and D.D. Richter (1997) Simulating trends in soil organic carbon in long-term experiments using the Century model. Geoderma, 81:75-90.

Ketzis, J. (1999) Telephone and e-mail conversations between Marco Alcaraz of ICF Consulting and Jen Ketzis regarding the Animal Science Department Computer Model (Cornell Net Carbohydrate and Protein System), Cornell University, June/July.

Kezer, A. (ca. 1917) Dry farming in Colorado. Colorado State Board of Immigration, Denver, CO.

Kimble, J.M., L.S. Heath, R.A. Birdsey, and R. Lal (2003) The potential of U.S. forest soils to sequester carbon and mitigate the greenhouse effect. CRC Press, Boca Raton, FL.

Kirstein, A. (2003) Telephone conversation between Caren Mintz of ICF Consulting and Arthur Kirstein, Coordinator, Agricultural Economic Development Program, Palm Beach County Cooperative Extension Service, FL.13 August.

Kirstein, A. (2004) Telephone conversation between Lauren Flinn of ICF Consulting and Arthur Kirstein, Coordinator, Agricultural Economic Development Program, Palm Beach County Cooperative Extension Service, FL. 30 June.

Klosterboer, A. (1999a) Telephone conversation between Catherine Leining of ICF Consulting and Arlen Klosterboer, Extension Agronomist, Texas A & M University. 10 June.

Klosterboer, A. (1999b) Telephone conversation between Payton Deeks of ICF Consulting and Arlen Klosterboer, Extension Agronomist, Texas A & M University. 12 August.

Klosterboer, A. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Arlen Klosterboer, Extension Agronomist, Texas A & M University. 18 May.

Klosterboer, A. (2001) Telephone conversation between Caren Mintz of ICF Consulting and Arlen Klosterboer, Extension Agronomist, Texas A & M University. 6 August.

Klosterboer, A. (2002) Telephone conversation between Caren Mintz of ICF Consulting and Arlen Klosterboer, Extension Agronomist, Texas A & M University. 19 August.

Kort, J. and R.Turlock (1999) Carbon reservoir and biomass in Canadian prairie shelterbelts. Agroforestry Systems, 44:175-189.

Kuchler, A.W. (1964) The potential natural vegetation of the conterminous United States. Special publication number 36. American Geographical Society, New York, NY.

Lal, R. (2004) Soil carbon sequestration impacts on global climate change and food security. Science, 304(5677):1623-1627.

Lal, R. (2005) Forest soils and carbon sequestration. Forest Ecology and Management, 220:242-258.

Langston, C.W., L.M. Davis, C.A. Juve, O.C. Stine, A.E. Wight, A.J. Pistor, and C.F. Langworthy (1922) The dairy industry. Pp. 281-394 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Latta, W.C. (1938) Outline history of Indiana agriculture. Alpha Lambda Chapter of Epsilon Sigma Phi, Purdue University Agricultural Experiment Station and Department of Agricultural Extension, and the Indiana Agricultural Agents Association. Purdue University, Lafayette, IN.

Lee, D. (2003) Telephone conversation and email correspondence between Caren Mintz of ICF Consulting and Danny Lee, Farm Service Agency, Stillwater, OK, July-August.

Lee, D. (2004) Telephone conversation between Lauren Flinn of ICF Consulting and Danny Lee, OK Farm Service Agency, Stillwater, OK. July 23, 2004.

Le Mer, J. and P. Roger (2001) Production, oxidation, emission and consumption of methane by soils: a review. European Journal of Soil Biology, 37(1):25-50.

Lin, B.H., M. Padgitt, L. Bull, H. Delvo, D. Shank, and H. Taylor (1995) Pesticide and fertilizer use and trends in U.S. agriculture. AER-717. Economic Research Service, U.S. Department of Agriculture, Washington D.C.

Lindau, C.W. and P.K. Bollich (1993) Methane emissions from Louisiana first and ratoon crop rice. Soil Science, 156:42-48.

Lindau, C.W., P.K. Bollich, and R.D. DeLaune (1995) Effect of rice variety on methane emission from Louisiana rice. Agriculture, Ecosystems and Environment, 54:109-114.

Lindberg, J. (2002) Telephone conversation and email correspondence between Caren Mintz of ICF Consulting and Jeff Lindberg, California Air Resources Board. 12-13 September.

Linscombe, S. (1999a) Telephone conversation between Catherine Leining of ICF Consulting and Steve Linscombe, Research Agronomist, Louisiana State University Agricultural Center. 3 June.

Linscombe, S. (1999b) Telephone conversation between Payton Deeks of ICF Consulting and Steve Linscombe, Research Agronomist, Louisiana State University Agricultural Center 9 August.

Linscombe, S. (2001) Email correspondence between Caren Mintz of ICF Consulting and Steve Linscombe, Research Agronomist, Louisiana State University Agricultural Center. 30 July–1 August.

Linscombe, S. (2002) Email correspondence between Caren Mintz of ICF Consulting and Steve Linscombe, Research Agronomist, Louisiana State University Agricultural Center. 21 August.

Lugato, E., K. Paustian and L. Giardini (2007) Modeling soil organic carbon dynamics in two long-term experiments of north-eastern Italy. Agriculture, Ecosystem and Environment, 120:423-432.

Lund, M.G., P.R. Carter, and E.S. Oplinger (1993) Tillage and crop rotation affect corn, soybean, and winter wheat yields. Journal of Productive Agriculture, 6:207-213.

McCarl, B.A., C.C. Chang, J.D. Atwood, and W.I. Nayda (1993) Documentation of ASM: the U.S. Agricultural Sector Model. Technical report TR-93. Agricultural Experimental Station, Texas Agricultural and Mechanical College, College Station, TX.

McTaggart, I.P., H. Clayton, J. Parker, L. Swan, and K.A. Smith (1997) Nitrous oxide emissions from grassland and spring barley, following nitrogen fertilizer application with and without nitrification inhibitors. Biology and Fertility of Soils, 25:261-268.

Meisinger, J.J. and G.W. Randall (1991) Estimating nitrogen budgets for soil-crop systems. Pp 85-124 in *Managing nitrogen for groundwater quality and farm profitability*. R.F. Follett, D.R. Keeney, and R.M. Cruse, editors. Soil Science Society of America, Inc., Madison, WI.

Mills, J. and J. Kincaid (1992) The Aggregate Timberland Analysis System (ATLAS): a comprehensive timber projection model. General technical report PNW-281. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station, Portland, OR.

Miranowski, J.A. (2005) Energy consumption in U.S. agriculture. Pp. 68-95 in *Agriculture as a producer and consumer of energy*. J. Outlaw, K. Collins, and J. Duffield, editors. CABI Publishing, Cambridge, MA.

Mosier, A.R., J.M. Duxbury, J.R. Freney, O. Heinemeyer and K. Minami (1998) Mitigating agricultural emissions of methane. Climatic Change, 40:39-80.

Mutters, C. (2002) Telephone conversation between Caren Mintz of ICF Consulting and Mr. Cass Mutters, Rice Farm Advisor for Butte, Glen, and Tehama Counties. University of California Cooperative Extension Service. August 27, 2002.

Nair, P.K.R. and V.D. Nair (2003) Carbon storage in North American agroforestry systems. Pp. 333-346 in *The potential of U.S. forest soils to sequester carbon and mitigate the greenhouse effect.* J. Kimble, L.S. Heath, R.A. Birdsey, and R. Lal, editors. CRC Press, Boca Raton, FL.

Najita, T. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Theresa Najita, Air Pollution Specialist, California Air Resources Board. 17 August.

Najita, T. (2001) Telephone conversation between Caren Mintz of ICF Consulting and Theresa Najita, Air Pollution Specialist, California Air Resources Board. 31 July.

Noller, J. (1996) Telephone conversation between Heike Mainhardt of ICF Incorporated and John Noller, Missouri Department of Natural Resources. 30 July.

Nowak, D.J., M.H. Noble, S.M. Sisinni, and J.F. Dwyer (2001) Assessing the U.S. urban forest resource. Journal of Forestry, 99(3):37-42.

Nowak, D.J., and D.E. Crane (2002) Carbon storage and sequestration by urban trees in the United States. Environmental Pollution, 116(3):381-389.

Ogle, S. (2002) E-mail from Stephen Ogle of the Natural Resources Ecology Laboratory to Barbara Braatz of ICF Consulting, containing revised statistics on U.S. histosol areas cultivated in 1982, 1992, and 1997, which were extracted from the 1997 National Resources Inventory by Marlen Eve, January 9, 2002.

Ogle, S.M., M.D. Eve, F.J. Breidt, and K. Paustian (2003) Uncertainty in estimating land use and management impacts on soil organic carbon storage for U.S. agroecosystems between 1982 and 1997. Global Change Biology, 9:1521-1542.

Ogle, S.M., F.J. Breidt, M. Easter, S. Williams and K. Paustian (2006a) Empirically-based uncertainty associated with modeling carbon sequestration rates in soils. Global Change Biology, In Press.

Ogle, S.M., F.J. Breidt, and K. Paustian. (2006b) Bias and variance in model results due to spatial scaling of measurements for parameterization in regional assessments. Global Change Biology, In review.

Oregon Department of Energy (1995) Report on reducing Oregon's greenhouse gas emissions; appendix d: inventory and technical discussion. Oregon Department of Energy, Salem, OR.

Parton, W.J., J.M.O. Scurlock, D.S. Ojima, T.G. Gilmanov, R.J. Scholes, D.S. Schimel, T. Kirchner, J.C. Menaut, T. Seastedt, E. Garcia-Moya, A. Kamnalrut, and J.I. Kinyamario (1993) Observations and

modeling of biomass and soil organic matter dynamics for the grassland biome worldwide. Global Biogeochemical Cycles, 7(4):785-809.

Parton, W.J., D.S. Ojima, C.V. Cole, and D.S. Schimel (1994) A general model for soil organic matter dynamics: sensitivity to litter chemistry, texture and management. Pp. 147-167 in *Quantitative modeling of soil forming processes*. R.B. Bryant and R.W. Arnold, editors. Soil Sciences Society of America, Madison, WI.

Parton, W.J., M.D. Hartman, D.S. Ojima, and D.S. Schimel (1998) DAYCENT: its land surface submodel: description and testing. Global and Planetary Change, 19: 35-48.

Paustian, K., H.P. Collins, and E.A. Paul (1997) Management controls on soil carbon. Pp. 15-49 in *Soil organic matter in temperate agroecosystems: long-term experiments in North America*. E.A. Paul, K. Paustian, E.T. Elliott, and C.V. Cole, editors. CRC Press, Boca Raton, FL.

Perez-Garcia, J., B. Lippke, J. Comnick, and C. Manriquez (2005) An assessment of carbon pools, storage, and wood products market substitution using life-cycle analysis results. Wood and Fiber Science, 37:140-148.

Perry, C.H., C.W. Woodall, and M. Schoeneberger (2005) Inventorying trees in agricultural landscapes: towards an accounting of 'working trees'. In *Moving agroforestry into the mainstream*. K.N. Brooks and P.F. Folliott, editors. Proceedings of 9th North American Agroforestry Conference, 12-15 June 2005, Rochester, MN, CD-ROM. Department of Forest Resources, University of Minnesota, St. Paul, MN. Available online at http://cinram.umn.edu/afta2005.

Phillips, D.L., S.L. Brown, P.E. Schroeder, and R.A. Birdsey (2000) Toward error analysis of large-scale forest carbon budgets. Global Ecology and Biogeography, 9:305-313.

Piper, C.V., R.A. Oakley, H.N. Vinall, A.J. Pieters, W.J. Morse, W.J. Spillman, O.C. Stine, J.S. Cotton, G.A. Collier, M.R Cooper, E.C. Parker, E.W. Sheets, and A.T. Semple (1924) Hay. Pp. 285-376 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Prinn, R.G., R.F. Weiss, P.J. Fraser, P.G. Simmonds, D.M. Cunnold, F.N. Alyea, S. O'Doherty, P. Salameh, B.R. Miller, J. Huang, R.H.J. Wang, D.E. Hartley, C. Harth, L.P. Steele, G. Sturrock, P.M. Midgely, and A. McCulloch (2000) A history of chemically and radiatively important gases in air deduced from ALE/GAGE/AGAGE. Journal of Geophysical Research, 105:17751-17792.

Robertson, G.P., E.A. Paul, and R.R. Harwood (2000) Greenhouse gases in intensive agriculture: contributions of individual gases to the radiative forcing of the atmosphere. Science, 289:1922-1925.

Ross, W.H. and A.L. Mehring (1938) Mixed fertilizers. Pp. 522-545 under *Soils and men* in *Agricultural yearbook 1938*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Ruddy B.C., D.L. Lorenz, and D.K. Mueller (2006) *County-level estimates of nutrient inputs to the land surface of the conterminous United States, 1982-2001.* Scientific Investigations Report 2006-5012. US Department of the Interior.

Russell, E.Z., S.S. Buckley, C.E. Baker, C.E. Gibbons, R.H. Wilcox, H.W. Hawthorne, S.W. Mendum, O.C. Stine, G.K. Holmes, A.V. Swarthout, W.B. Bell, G.S. Jamieson, C.W. Warburton, and C.F. Langworthy (1922) Hog production and marketing. Pp. 181-280 in *Yearbook of the U.S. Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Saltzer, R.M., and C.J. Schollenberger (1938) Farm manure. Pp. 445-461 under *Soils and men*, in *Agricultural Yearbook 1938*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Sass, R.L., F.M Fisher, P.A. Harcombe, and F.T. Turner (1991a) Mitigation of methane emissions from rice fields: possible adverse effects of incorporated rice straw. Global Biogeochemical Cycles, 5:275-287.

Sass, R.L., F.M. Fisher, F.T. Turner, and M.F. Jund (1991b) Methane emissions from rice fields as influenced by solar radiation, temperature, and straw incorporation. Global Biogeochemical Cycles, 5:335-350.

Saxton, K.E., W.J. Rawls, J.S. Romberger, and R.I. Papendick (1986) Estimating generalized soil-water characteristics from texture. Soil Sciences Society of America Journal, 50:1031-1036.

Schlesinger, W. H. (1986) Changes in soil carbon storage and associated properties with disturbance and recovery. Pp. 194-220 in *The changing carbon cycle: a global analysis*. J.R. Trabalka and D.E. Reichle, editors. Springer-Verlag, New York, NY.

Schroeder, P. (1994) Carbon storage benefits of agroforestry systems. Agroforestry Systems, 27:89-97.

Schueneman, T. (1999a) Telephone conversation between Catherine Leining of ICF Consulting and Tom Schueneman, Palm Beach County Agricultural Extension Agent, Florida. June 7, 1999.

Schueneman, T. (1999b) Telephone conversation between Payton Deeks of ICF Consulting and Tom Schueneman, Palm Beach County Agricultural Extension Agent, Florida. August 10, 1999.

Schueneman, T. (1999c) Telephone conversation between John Venezia of ICF Consulting and Tom Schueneman, Palm Beach County Agricultural Extension Agent, Florida. August 7, 1999

Schueneman, T. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Tom Schueneman, Palm Beach County Agricultural Extension Agent, Florida, 16 May.

Schueneman, T. (2001) Telephone conversation between Caren Mintz of ICF Consulting and Tom Schueneman, Palm Beach County Agricultural Extension Agent, Florida, July 30, 2001.

Schueneman, T. and C. Deren (2002) An overview of the Florida rice industry. Publication SS-AGR-77. Agronomy Department, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Gainesville, FL.

Six, J., S.M. Ogle, F.J. Breidt, R.T. Conant, A.R. Mosier, and K. Paustian (2004) The potential to mitigate global warming with no-tillage is only realized when practiced in the long-term. Global Change Biology, 10:155-160.

Skog, K.E., and G.A. Nicholson (1998) Carbon cycling through wood products: the role of wood and paper products in carbon sequestration. Forest Products Journal, 48(7/8):75-83.

Skog, K.E., K. Pingoud, and J.E. Smith (2004) A method countries can use to estimate changes in carbon stored in harvested wood products and the uncertainty of such estimates. Environmental Management, 33(S1): S65-S73.

Skog, K.E. (2008) Sequestration of carbon in harvested wood products for the United States. In preparation.

Slaton, N. (1999) Telephone conversation between Catherine Leining of ICF Consulting and Nathan Slaton, Extension Agronomist—Rice, University of Arkansas Division of Agriculture Cooperative Extension Service. June 3, 1999.

Slaton, N. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Nathan Slaton, Extension Agronomist—Rice, University of Arkansas Division of Agriculture Cooperative Extension Service. May 20, 2000.

Slaton, N. (2001) Telephone conversation between Caren Mintz of ICF Consulting and Nathan Slaton, Extension Agronomist—Rice, University of Arkansas Division of Agriculture Cooperative Extension Service. August 23, 2001.

Smith, P., J. Brenner, K. Paustian, G. Bluhm, J. Cipra, M. Easter, E.T. Elliott, K. Killian, D. Lamm, J. Schuler, and S. Williams (2002) Quantifying the change in greenhouse gas emissions due to natural resource conservation practice application in Indiana. Final report to the Indiana Conservation Partnership. Colorado State University

Natural Resource Ecology Laboratory and U.S. Department of Agriculture Natural Resources Conservation Service, Fort Collins, CO.

Smith, C.B. (1911) Rotations in the Corn Belt. Pp. 325-336 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Smith, J.E. and L.S. Heath (2001) Identifying influences on model uncertainty: an application using a forest carbon budget model. Environmental Management, 27:253-267.

Smith, J.E. and L.S. Heath (2002) A model of forest floor carbon mass for United States forest types. Research paper NE-722. U.S. Department of Agriculture, Forest Service, Northeastern Research Station, Newtown Square, PA.

Smith, J.E., L.S. Heath, and J.C. Jenkins (2003) Forest volume-to-biomass models and estimates of mass for live and standing dead trees of U.S. Forests. General technical report NE-298. U.S. Department of Agriculture, Forest Service, Northeastern Research Station, Newtown Square, PA.

Smith, J.E., L.S. Heath, and P.B. Woodbury (2004a) How to estimate forest carbon for large areas from inventory data. Journal of Forestry, 102: 25-31.

Smith, J.E., P.B. Woodbury, and L.S. Heath (2004b) Forest carbon sequestration and products storage. Pp. 80-93 and *Appendix c* in *U.S. Agriculture and forestry greenhouse gas inventory: 1990-2001, USDA technical bulletin number 1907.* Global Change Program Office, Office of the Chief Economist, U.S. Department of Agriculture, Washington, D.C.

Smith, J.E. and L.S. Heath (2006) Land use change and forestry, annex 3.12. In *Inventory of U.S. greenhouse gas emissions and sinks: 1990 – 2004, EPA 430-R-06-002*. U.S. Environmental Protection Service, Washington, D.C. Available online at http://epa.gov/climatechange/emissions/usgginv_archive.html.

Smith, J.E., L.S. Heath, K.E. Skog, and R.A. Birdsey (2006) Methods for calculating forest ecosystem and harvested carbon, with standard estimates for forest types of the United States. General technical report NE-343. U.S. Department of Agriculture, Forest Service, Northeastern Research Station, Newtown Square, PA.

Smith, J.E. and L.S. Heath (2007) Land use change and forestry, annex 3.12. In *Inventory of U.S. greenhouse gas emissions and sinks: 1990 – 2005, EPA 430-R-07-002*. U.S. Environmental Protection Agency, Washington, D.C. Available online at http://epa.gov/climatechange/emissions/usinventoryreport.html.

Smith, J.E., L.S. Heath, and M.C. Nichols (2008) U.S. forest carbon calculation tool user's guide: forestland carbon stocks and net annual stock change. General technical report (in publication). U.S. Department of Agriculture, Forest Service, Northern Research Station, Newtown Square, PA.

Smith, W.B., P.D. Miles, J.S. Vissage, and S.A. Pugh (2004c) Forest resources of the United States, 2002. General technical report NC-241. U.S. Department of Agriculture, Forest Service, North Central Research Station, St. Paul, MN.

Sperow, M., M. Eve, and K. Paustian (2003) Potential soil carbon sequestration on U.S. agricultural soils. Climatic Change, 57:319-339.

Spillman, W.J. (1902) Systems of farm management in the United States. Pp. 343-364 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Spillman, W.J. (1905) Diversified farming in the Cotton Belt. Pp. 193-218 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Spillman, W.J. (1907) Cropping systems for stock farms. Pp. 385-398 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Spillman, W.J. (1908) Types of farming in the United States. Pp. 351-366 in *Yearbook of the Department of Agriculture*. U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

Street, J. (1999) Telephone conversation between Catherine Leining of ICF Consulting and Joe Street, Rice Specialist, Mississippi State University, Delta Research Center, June 8, 1999.

Street, J. (2000) Telephone conversation between Payton Deeks of ICF Consulting and Joe Street, Rice Specialist, Mississippi State University, Delta Research Center, May 17, 2000.

Street, J. (2001) Telephone conversation between Caren Mintz of ICF Consulting and Dr. Joe Street, Mississippi State University, Delta Research and Extension Center and Delta Branch Station. August 1, 2001.

Street, J. (2002) Telephone conversation and email correspondence between Caren Mintz of ICF Consulting and Joe Street, Rice Specialist, Mississippi State University, Delta Research Center. August 19, 2002.

Strehler, A. and W. Stützle (1987) Biomass residues. Pp. 75-102 in *Biomass, vol. 4*. D.O. Hall and R.P. Overend, editors. John Wiley and Sons, Chichester, UK.

TFI (2000) U.S. fertilizer application rates. The Fertilizer Institute. Available online at http://www.tfi.org/Statistics/FAO.USapprate.Data.2000%20email.xls.

Thornton, P.E., S.W. Running, and M.A. White (1997) Generating surfaces of daily meteorology variables over large regions of complex terrain. Journal of Hydrology, 190:214-251.

Thornton, P.E. and S.W. Running (1999) An improved algorithm for estimating incident daily solar radiation from measurements of temperature, humidity, and precipitation. Agriculture and Forest Meteorology, 93:211-228.

Thornton, P.E., H. Hasenauer, and M.A. White (2000) Simultaneous estimation of daily solar radiation and humidity from observed temperature and precipitation: an application over complex terrain in Austria. Agricultural and Forest Meteorology, 104:255-271.

Turn, S.Q., B.M. Jenkins, J.C. Chow, L.C. Pritchett, D. Campbell, T. Cahill, and S.A. Whalen (1997) Elemental characterization of particulate matter emitted from biomass burning: wind tunnel derived source profiles for herbaceous and wood fuels. Journal of Geophysical Research, 102(D3):3683-3699.

TVA (1991) Commercial fertilizers 1991. Tennessee Valley Authority, Muscle Shoals, AL.

TVA (1992) Commercial fertilizers 1992. Tennessee Valley Authority, Muscle Shoals, AL.

TVA (1993) Commercial fertilizers 1993. Tennessee Valley Authority, Muscle Shoals, AL.

TVA (1994) Commercial fertilizers 1994. Tennessee Valley Authority, Muscle Shoals, AL.

Ulrich, A.H. (1989) U.S. timber production, trade, consumption, and price statistics, 1950-1987. USDA miscellaneous publication number 1471. U.S. Department of Agriculture, Forest Service, Washington, D.C.

University of California (1977) Emission factors from burning of agricultural waste collected in California. E.F. Darley, principal investigator. ARB contract number ARB-4-011. University of California, Riverside, CA.

UEP (1999) Voluntary survey results, estimated percentage participation/activity, caged layer environmental management practices. Industry data submissions for EPA profile development, United Egg Producers and National Chicken Council.

Uri, N.D. and K. Day (1991) Energy efficiency, technological change and the dieselization of agriculture in the United States. Transportation Planning and Technology, 16:221-231.

USDA (1964) The demand and price situation for forest products, 1964. USDA miscellaneous publication number 983. U.S. Department of Agriculture, Washington, D.C.

USDA (1994) Field crops: final estimates, 1987-1992. Statistical bulletin number 896. National Agricultural Statistics Service, U.S. Department of Agriculture, Government Printing Office, Washington, D.C. Available online at http://usda.mannlib.cornell.edu/data-sets/crops/94896/sb896.txt.

USDA (1996a) Swine '95: grower/finisher part II: reference of 1995 U.S. grower/finisher health and management practices. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, Washington, D.C.

USDA (1996b) Agricultural waste management field handbook, national engineering handbook (NEH), part 651. U.S. Department of Agriculture, Natural Resources Conservation Service.

USDA (1998a) Re-aggregated data from the National Animal Health Monitoring System's (NAHMS) swine '95 study. Aggregated by E. Bush. U.S. Department of Agriculture, Centers for Epidemiology and Animal Health.

USDA (1998b) Field crops, final estimates 1992-1997. Statistical bulletin number 947a. National Agricultural Statistics Service, Agricultural Statistics Board, U.S. Department of Agriculture, Government Printing Office, Washington, D.C. Available online at http://usda.mannlib.cornell.edu/usda/reports/general/sb/b9471298.pdf>.

USDA (2000a) Agricultural statistics 2000. National Agricultural Statistics Service, U.S. Department of Agriculture. Available online at http://www.usda.gov/nass/pubs/agstats.htm.

USDA (2000b) 1997 National Resources Inventory. U.S. Department of Agriculture, Natural Resources Conservation Service, Washington, D.C. Available online at ">http://www.nrcs.usda.gov/technical/NRI/>.

USDA (2000c) Crop production 1999 summary. National Agricultural Statistics Service, Agricultural Statistics Board, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu/reports/nassr/field/pcp-bban/cropan00.pdf>.

USDA (2000d) Layers '99, part II: references of 1999 table egg layer management in the U.S. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, National Animal Health Monitoring System.

USDA (2001) Crop production 2000 summary. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu. Accessed July 2001.

USDA (2002) Crop production 2001 summary. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu. Accessed August 2002.

USDA (2003a) Agricultural statistics 2003. National Agricultural Statistics Service, Agricultural Statistics Board, U.S. Department of Agriculture, Government Printing Office, Washington, D.C.

USDA (2003b) Crop production 2002 summary. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu.

USDA (2003c) Field crops, final estimates 1997-2002. Statistical bulletin number 982. National Agricultural Statistics Service, Agricultural Statistics Board, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu/usda/reports/general/sb/.

USDA (2004) U.S. agriculture and forestry greenhouse gas inventory: 1990-2001. Technical bulletin 1907. Office of the Chief Economist, U.S. Department of Agriculture, Washington, D.C. Available online at ">http://www.usda.gov/oce/gcpo<">http://www.usda.gov/oce/gcpo<">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo">http://www.usda.gov/oce/gcpo"

USDA (2005a) Crop production 2004 summary. National Agricultural Statistics Service, U.S. Department of Agriculture. Available online at http://usda.mannlib.cornell.edu/.

USDA (2005b) Agriculture statistics 2005. National Agricultural Statistics Service, U.S. Department of Agriculture. Available online at http://www.usda.gov/nass/pubs/agstats.htm.

USDA (2006a) Agricultural statistics 2006. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, DC.

USDA (2006b) Crop production 2005 summary. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu.

USDA APHIS NAHMS (1993) Beef cow/calf health and productivity audit. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, National Animal Health Monitoring System, Fort Collins, CO. Available online at http://www.aphis.usda.gov/vs/ceah/cahm.

USDA APHIS NAHMS (1994) Beef cow/calf health and productivity audit. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, National Animal Health Monitoring System, Fort Collins, CO. Available online at http://www.aphis.usda.gov/vs/ceah/cahm.

USDA APHIS NAHMS (1996) Reference of 1996 dairy management practices. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, National Animal Health Monitoring System, Fort Collins, CO. Available online at http://www.aphis.usda.gov/vs/ceah/cahm>.

USDA APHIS NAHMS (1998) Beef '97. U.S. Department of Agriculture, Animal and Plant Health Inspection Service, National Animal Health Monitoring System, Fort Collins, CO. Available online at http://www.aphis.usda.gov/vs/ceah/cahm.

USDA ERS (1994) Agricultural resources and environmental indicators. Agricultural handbook number 705. Economic Research Service, U.S. Department of Agriculture, Washington, D.C.

USDA FS (2006) Users guide to the forest inventory snapshot database version 2.1. U.S. Department of Agriculture, Forest Service, Washington, D.C. Available online at http://www.ncrs2.fs.fed.us/4801/FIADB/fiadb_documentation/SNAPSHOT_DB_V2pt1_JULY_2006. pdf>.

USDA FS (2007) Forest inventory and analysis data center. U.S. Department of Agriculture, Forest Service, Washington, D.C. Available online at http://ncrs2.fs.fed.us/4801/fiadb/index.htm>.

USDA NASS (1994a) Hogs and pigs, final estimates 1988-92. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (1994b) Sheep and goats, final estimates 1988-93. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (1995) Cattle, final estimates 1989-93. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (1998) Hogs and pigs, final estimates 1993-97. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (1999a) Cattle, final estimates 1994-1998. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (1999b) Hogs and pigs. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (1999c) Sheep and goats, final estimates, 1994-98. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (1999d) Farm and ranch irrigation survey 1998, Vol. 3, Special studies part 1, AC97-SP-1. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C.

USDA NASS (2000a) Cattle. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (2000b) Livestock slaughter, January 21 – December 22, 2000. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2000c) Hogs and pigs. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2000d) Sheep and goats. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2001a) Cattle. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (2001b) Livestock slaughter, January 19 – December 21, 2001. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2001c) Hogs and pigs. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2001d) Sheep and goats. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2002a) Cattle. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (2002b) Livestock slaughter, January 25 – June 21, 2002. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/.

USDA NASS (2002c) Hogs and pigs. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2002d) Sheep and goats. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://www.nass.usda.gov:81/ipedb/>.

USDA NASS (2004) Farm and ranch irrigation survey 2003, vol. 3, special studies part 1, AC-02-SS-1. National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C.

USDA NASS (2005a) Farm production expenditures 2006 summary, sp sy 5 (05). National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C.

USDA NASS (2006) Crop production 2005 summary, January 2006, cr pr 2-1 (06). National Agricultural Statistics Service, U.S. Department of Agriculture, Washington, D.C. Available online at http://usda.mannlib.cornell.edu/reports/nassr/price/pap-bb/>.

USDA NRCS (1981) Land resource regions and major land resource areas of the United States. Pp. 156 in *USDA Agriculture Handbook 296*. U.S. Department of Agriculture, Natural Resources Conservation Service, National Soil Survey Center, Lincoln, NE.

USDA NRCS (1997) National soil survey laboratory characterization data, digital data. U.S. Department of Agriculture, Natural Resources Conservation Service, National Soil Survey Center, Lincoln, NE.

USDA NRCS (2005) State Soil Geographic (STATSGO) Database for state. Soil survey staff, authors. U.S. Department of Agriculture, Natural Resources Conservation Service. Available online at http://www.ncgc.nrcs.usda.gov/products/datasets/statsgo/index.html.

USDA NRCS (2006) State Soil Geographic (STATSGO) Database. Digital data. U.S. Department of Agriculture, Natural Resources Conservation Service. Available online at http://www.ncgc.nrcs.usda.gov/products/datasets/statsgo/.

USDA SCS (1991) State Soil Geographic (STATSGO) Data Base data use information. Miscellaneous publication number 1492. U.S. Department of Agriculture, Soil Conservation Service, Natural Resources Conservation Service, National Soil Survey Center, Fort Worth, TX.

VEMAP (1995) Vegetation/Ecosystem Modeling and Analysis Project (VEMAP): comparing biogeography and biogeochemistry models in a continental-scale study of terrestrial ecosystem responses to climate change and CO₂ doubling. J.M. Melillo, J. Borchers, J. Chaney, H. Fisher, S. Fox, A. Haxeltine, A. Janetos, D.W. Kicklighter, T.G.F. Kittel, A.D. McGuire, R. McKeown, R. Neilson, R. Nemani, D.S. Ojima, T. Painter, Y. Pan, W.J. Parton, L. Pierce, L. Pitelka, C. Prentice, B. Rizzo, N.A. Rosenbloom, S. Running, D.S. Schimel, S. Sitch, T. Smith, and I. Woodward, members. Global Biogeochemical Cycles, 9(4): 407-437.

Warren, J.A. (1911) Agriculture in the central part of the semiarid portion of the Great Plains. Bulletin number 215. U.S. Department of Agriculture, Bureau of Plant Industry.

Weiske, A., G. Benckiser, T. Herbert, and G. Ottow (2001) Influence of the nitrification inhibitor 3,4dimethylpyrazole phosphate (DMPP) in comparison to dicyandiamide (DCD) on nitrous oxide emissions, carbon dioxide fluxes and methane oxidation during three years of repeated application in field experiments. Biology and Fertility of Soils, 34:109-117.

West, T.O. and A.C. McBride (2005) The contribution of agricultural lime to carbon dioxide emissions in the United States: dissolution, transport, and net emissions. Agricultural Ecosystems & Environment, 108:145-154.

Wilhelm, W.W. and C.S. Wortmann (2004) Tillage and rotation interactions for corn and soybean grain yield as affected by precipitation and air temperature. Agronomy Journal, 96:425-432.

Wilson, C. (2004) Telephone conversation between Lauren Flinn of ICF Consulting and Dr. Chuck Wilson, Rice Specialist at the University of Arkansas Cooperative Extension Service. 23 June.

Wilson, C. (2005) Email correspondence between Lauren Flinn of ICF Consulting and Dr. Chuck Wilson, Rice Specialist at the University of Arkansas Cooperative Extension Service. July 2005.

Wisconsin Department of Natural Resources (1993) Wisconsin greenhouse gas emissions: estimates for 1990. Bureau of Air Management, Wisconsin Department of Natural Resources, Madison, WI.

Woodbury, P.B., L.S. Heath, and J.E. Smith (2006) Land use change effects on forest carbon cycling throughout the southern USA. Journal of Environmental Quality, 35: 1348-1363.