

Peer-Reviewed Journal Articles

- Adler, D.P., Hii, W. W-S, Michalek, D.J., and Sutherland, J.W. (2006). Examining the Role of Cutting Fluids in Machining and Efforts to Address Associated Environmental/Health Concerns. *Journal of Machining Science and Technology*.
- Bandivadekar, A.P., Kumar, V., Gunter, K.L., & Sutherland, J.W. (2004). A Model for Material Flows and Economic Exchanges within the U.S. Automotive Life Cycle Chain, *SME Journal of Manufacturing Systems*, 23(1), 22-29.
- Barton, R. L., Keith, J. M., & King, J. A. (2007). Development and Modeling of Electrically Conductive Carbon Filled Liquid Crystal Polymer Composites for Fuel Cell Bipolar Plate Applications. *Journal of New Materials for Electrochemical Systems* (10), 225-229.
- Barton, R. L., Keith, J. M., & King, J. A. (2007). Electrical Conductivity Model Evaluation for Carbon Filled Liquid Crystal Polymer Composites. *Journal of Applied Polymer Science* (106), 2456-2462.
- Bau, D. & Mayer, A. S. (2007). Data-worth Analysis for Multi-Objective Optimal Design of Pump-and-Treat Remediation Systems. *Advances in Water Resources*, 30(8), 1815-1830.
- Beach, D.N.H., McCray, J.E., Lowe, K.S., & Siegrist, R.L. (2005). Temporal Changes in Hydraulic Conductivity of Sand Porous-Media Biofilters During Wastewater Infiltration: Experimental Evaluation. *Journal of Hydrology* (311), 230-243.
- Eatmon, T, Muga, H, Harris, R. A., Mihelcic, J.R. (2006) Engineering Sustainable Construction Materials for the Developing World: Consideration of Engineering, Societal, and Economic Issues. *The International Journal of Engineering Education*.
- Eatmon, T., Grossman, S., DeLancey, D. (2005). Secondary Science Student Achievement Plan (SAP). *Teach for America*.
- Fry, L.M., Mihelcic, J. R., & Watkins, D. W. (2008). Water and Non-water-related Challenges of Achieving Global Sanitation Coverage. *Environmental Science and Technology*.
- Fry, L., Mihelcic, J.R., Watkins, Jr., D.W. (2006). Improving Public Health by Improving Water Supply: Results from Springbox Projects in Cameroon. *Journal of Engineering for Sustainable Development: Energy, Environment, Health* 1(1), 33-42.
- Hallack-Alegria, M. & Watkins, D. W. (2007). Annual and Warm Season Drought Intensity-Duration-Frequency Analysis for Sonora, Mexico. *Journal of Climate*, 20(9), 1879-1909.
- Haapala, K. R., Brown, K. L., & Sutherland, J. W. (2008). A Life Cycle Environmental and Economic Comparison of Product Service Systems. *Transactions of NAMRI/SME*, 36, 8.
- Haapala, K. R., Rivera, J. L., & Sutherland, J. W., (2008), Application of Life Cycle Assessment Methods to Sustainable Product Design and Manufacturing. *International Journal of Innovative Computing, Information and Control: Special Issue on Recent Advances in Flexible Automation*, 4(3), 575-589.
- Haapala, K.R., Khadke, K.N., & Sutherland, J.W. (2004). Predicting Manufacturing Waste and Energy for Sustainable Product Development via WE-Fab Software. *Proc. of Global Conference on Sustainable Product Development and Life Cycle Engineering*, 243-250.
- Harris, R. A., Eatmon Jr., T. D., & Seifert, C. (2008). Reconciling Technological Viability with Social Feasibility: The Case of Natural Pozzolans for Sustainable Development. *World Review of Science, Technology, and Sustainable Development*, 5(1).
- Hokanson, D. R., Zhang, Q., Cowden, J.R., Troschinetz, A.M., Mihelcic, J.R., & Johnson, D.M. (2007). Challenges to Implementing Drinking Water Technologies in Developing World Countries, *Environmental Engineer, the Magazine of the American Academy of Environmental Engineers*, 43(1), 31-38.

- Hutchins, M. J., Walck, C. L., Sterk, D. P., & Campbell, G. A. (2007). Corporate Social Responsibility: A Unifying Discourse for the Mining Industry?. *Greener Management International*(52), 17-30.
- Huntzinger, D.N., Hutchins, M.J., Gierke, J.S., & Sutherland, J.W. (2005). Enabling Sustainable Thinking in Undergraduate Engineering Education. *International Journal of Engineering Education*, 23(2), 218-230.
- Jarvie, M.E., Hand, D.W., Bhuvendralingam, S., Crittendan, J.C., Hokanson, D.R. (2005). Simulating The Performance of Fixed-Bed Granular Activated Carbon Adsorbers: Removal of Synthetic Organic Chemicals in the Presence of Background Organic Matter. *Water Research*, (39). 2407-2421.
- Jensen, J. R., Morinelly, J., Aglan, A., Mix, A., & Shonnard, D. R. (2008). Kinetic Characterization of Biomass Dilute Sulfuric Acid Hydrolysis: Mixtures of Hardwoods, Softwoods, and Switchgrass. *AIChE Journal*, 54, 1637-1645.
- Keith, J.M., King, J.A., & Barton, R.L. (2006). Electrically Conductivity Modeling of Carbon-Filled Liquid Crystalline Polymer Composites, *Journal of Applied Polymer Science*, 102, 3293.
- King, J.A., et al. (2005). Thermal and Electrical Conductivity of Carbon-Filled Liquid Crystal Polymer Composites, *Journal of Applied Polymer Science*, 99, 1552.
- King, J. A., et al. (2006). Electrical Conductivity and Rheology of Carbon Filled Liquid Crystal Polymer Composites, *Journal of Applied Polymer Science*, 101, 2680.
- Kumar, V. et al. (2006). "Infusing Sustainability Principles into Manufacturing/Mechanical Engineering Curricula," *Journal of Manufacturing Systems*, 24(3), 215-225.
- Mihelcic, J. M., Eatmon, T. D., Muga, H. E., & Harris, R. A. (2007). Engineering Sustainable Construction Materials for the Developing World: Consideration of Engineering, Societal, and Economic Issues. *International Journal of Engineering Education*, 23(6).
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- Mihelcic, J. R., Eatmon, Jr., T. D., Harris, R. A., & Muga, H. E. (2006). "Engineering Sustainable Construction Materials for the Developing World: A Meta-discipline Approach to Engineering Education." *The International Journal of Engineering Education*.
- Mihelcic, J.R., Phillips, L. & Watkins Jr., D.W. (2006). Integrating a Global Perspective into Education and Research: Engineering International Sustainable Development. *Environmental Engineering Science*, 23(3), 426-438.
- Mihelcic, J.R., et al. (2003). Sustainability Science and Engineering: Emergence of a New Metadiscipline. *Environmental Science & Technology*, 37(23), 5314-5324.
- Muga, H. E., & Mihelcic, J. R. (2007). Sustainability of Wastewater Treatment Technologies. *Journal of Environmental Management*.
- Paterson, K. G., & Fuchs, V.J. (2008). Development for the Other 80%: Engineering Hope. *Journal of Australasian Engineering Education*.
- Rucinski, D. K., et. al. (2007). Accessing Assimilative Capacity: A Dual Discharge Approach. *Journal of Water Resources Planning and Management*, 133(6), 474-485.
- Sutherland, J. W. & Haapala, K. R. (2007) Optimization of Steel Production to Improve Lifecycle Environmental Performance. *CIRP Annals*, 56(1), 5-8.
- Watkins, D. W., Li, H., & Cowden, J. R. (2007). Adjustment of Radar Precipitation Estimates for

- Great Lakes Hydrologic Modeling. *Journal of Hydrologic Engineering*, 12(3), 298-305.
- Weatherston, Y., Womack-Richardson, E. (2007). Analysis of Surface Temperature and Soil Temperature Trends in the United States Gulf Coast. *Forum on Public Policy*, 3(4), 361.
- Wright, H., Zhang, Q., & Mihelcic, J. R. (2008). Integrating Economic Input-Output Life Cycle Assessment with Risk Assessment for a Screening-Level Analysis. *International Journal of Life Cycle Assessment*.

Non-Peer-Reviewed Journal Articles

- Fuchs, V. J., Gierke, J. S., & Mihelcic, J. R. (2008). Hydraulic Model Comparison of Vertical Flow Regimes in Constructed Wetlands: Impact on Plant Selection and Oxygen Transfer. *Water Practice*.

Book Chapters

- Clarke, A. and J. K. Gershenson, 2006, "Design for the Life-Cycle," *Handbook of Environmentally Conscious Mechanical Design*, Kutz, M., ed., John Wiley & Sons, Inc. (in press)
- Fuchs, V. J., Stanforth, K. L., Stewart, E., Suzuki, R., & Vorhes, G. A. (2008). Constructed Wetlands and Evapotranspiration Beds. In E. M. JR Mihelcic, LM Fry, BD Barkdoll (Ed.), *Field Guide in Environmental Engineering for Development Workers: Water Supply, Sanitation Systems, and Indoor Air* (pp. 350). Reston, VA: American Society of Civil Engineers (ASCE) Press.
- Jenkins, T. L. & Sutherland, J. W. (2008). An Integrated Supply System for Forest Biomass. In B. D. S. a. V. A. Luzadis (Ed.), *Renewable Energy from Forest Resources in the United States*. Oxfordshire, UK: Routledge.
- Rivera, J.L., J. Sutherland, D. Michalek, "Air Quality," *Environmental Conscious Manufacturing Handbook*. In production by Wiley.
- Trussell, R Rhodes. Hand, David W. Howe, Kerry J. Tchobanoglous, George. Crittenden, John P (editor) *Water Treatment : Principles and Design*. 2nd Ed. John Wiley and Sons. 2005. 1948 pages. (Michelle Jarvie, acknowledged for contributions and editing assistance)
- Watkins Jr., D. W. (2008). Hydrology and Watershed Issues. In J. R. Mihelcic, E.A. Myre, L.M. Fry, B.D. Barkdoll (Ed.), *Field Guide in Environmental Engineering for Development Workers: Water, Sanitation, Indoor Air*. Reston, VA: American Society of Civil Engineers Press.

Conference Presentations and Publications

- Barton, R.L., Keith, J.M., & King, J.A.(2006, July 9-12). *Development and Modeling of Electrically Conductive Carbon Filled Liquid Crystal Polymer Composites for Fuel Cell Bipolar Plate Applications*. New Materials for Electrochemical Systems Conference, Montreal (QC), Canada.
- Ballard, M. M., Clarke, A. R., Sather-Knutsen, A., Barkdoll, B. D., & Mihelcic, J. R. (2008, May 12-16). *Collaborative International Research: Technology Transfer & Efficiency of Wastewater Treatment Systems in Rural Communities of Bolivia*. Paper presented at the 2008 World Environmental and Water Resources Congress Honolulu, HI.
- Christophe, A. (2006, April 12-15). *Environmental Impact of Hurricane Katrina on International Trade*. Southwestern International Studies Association Annual Conference, San Antonio, Texas.

- Christophe, A. (2007, March 8-10). *Is There Environmental Justice in Industry and Landfill Site Allocations?* 2nd Annual 21st Century Policy Makers Conference, Little Rock, Arkansas.
- Christophe, A. (2007, March 14-17). *Handling Hazardous Chemicals During Natural Disasters: Capitalizing on National and Global Collaborations*. Southwestern Social Science 87th Association Annual Conference, Albuquerque, New Mexico.
- Clarke, A., Serrar, M. and Gershenson, J. K. (2006, October 3-6). *A Sustainable Design Process Framework based on a Non-Profit Product Design Case Study*. IV Global Conference on Sustainable Product Development and Life Cycle Engineering Sustainable Development, São Carlos, Brazil.
- Clarke, A., Zhang, Q, Gershenson, J.K., & Sutherland, J. W. (2008, March 17-19). *Selection of Remanufacturing Facility Locations to Minimize Cost and Environmental Impact*. 15th CIRP International Conference on Life Cycle Engineering, Sydney, Australia.
- Cowden, J.R, Mihelcic, J.R., & Watkins, Jr., D.W. (2007, May 15-18). *Stochastic Rainfall Occurrence Modeling in West Africa*. 2007 World Environmental & Water Resources Congress, Tampa, FL.
- Cowden, J.R, Mihelcic, J.R., & Watkins, D.W. (2006, May 21-25) *Domestic Rainwater Harvesting Assessment to Improve Water Supply and Health in Africa's Urban Slums*. 2006 World Environmental & Water Resources Congress, Omaha, NE.
- Cowden, J. R., Mihelcic, J. R., & Watkins, D. W. (2007, September 3-6). *Climate Change Impact on Rainwater Harvesting and Health in West Africa Urban Slums*. Paper presented at the 3rd International Conference on Climate and Water, Helsinki, Finland.
- Cowden, J.R, Watkins, D.W., & Croley, T.W. II. (2006, May 21-25) *Investigating Urban Land Use Effects on Runoff by Using the Distributed Large Basin Runoff Model*. 2006 World Environmental & Water Resources Congress, Omaha, NE.
- Cowden, J. R., Watkins, D. W., Mihelcic, J. R., & Fry, L. M. (2007, December 10-14). *Probabilistic Impact Assessment of Domestic Rainwater Harvesting in Urban Slums: West Africa Case Study*. Paper presented at the American Geophysical Union Fall Meeting, San Francisco, CA.
- Cowden, J. R., Watkins, D. W., & Mihelcic, J. R. (2007, May 15-18). *Stochastic Rainfall Occurrence Modeling in West Africa*. Paper presented at the 2007 World Environmental & Water Resources Congress, Tampa, FL.
- Eatmon Jr., T. D. (2007, October 11-13). *An Interest-Based Model of Sub-National Climate Policy in the Absence of Federal Mandatory Policy*. Paper presented at the Conference for NSF Sustainability IGERTs, Fairbanks, Alaska.
- Eatmon Jr., T.D., & Harris, R.A. (2005, June 18-22). *International Technology Diffusion for Sustainable Development: The Montreal Protocol on Substances that Deplete the Ozone Layer*. 5th International Conference on Public Management, Policy and Development, Dakar, Senegal.
- Eatmon Jr., T. D. & Holdsworth, S. (2006, October 9-11). *A Youth Perspective on a Sustainable Energy Future in the United States, Canada, Australia, and New Zealand*. Academia Engelburg's 5th Dialogue on Science, "Rethinking Our Energy Future," Engelburg, Switzerland.
- Etkin, D., et. al. (2008, May 12-16). *Stochastic Linear Programming for Improved Reservoir Operations for Multiple Objects in Burkina Faso, West Africa*. Paper presented at the World Environmental and Water Resources Congress, ASCE, Honolulu, HI.

- Fry, L.M. & Mihelcic, J.R. (2006, October 9-12). *Integrating a Global Perspective into Graduate Engineering Education & Research*. 5th Annual ASEE Global Colloquium on Engineering Education, Rio de Janeiro, Brazil.
- Fry, L. M., Mihelcic, J. R., & Watkins Jr., D. W. (2007, November 12-15). *Meeting the Millennium Development Target for Sanitation: Barriers and Solutions*. Paper presented at the 2007 Annual Water Resources Conference, Albuquerque, NM.
- Fry, L., Mihelcic, J.R., & Watkins Jr., D.W. (2006, April 22-27). *Improving Public Health by Improving Groundwater Supply: Results from Springbox Projects in Cameroon*. National Ground Water Association Summit, San Antonio, TX.
- Fuchs, V. J., Paterson, K. G., & Myre, E. A. (2007, September 29-30). *Diversity Magnet: International Sustainable Development Engineering*. Paper presented at the 2007 ASEE North Midwest Sectional Conference, Houghton, MI.
- Fuchs, V. J., Gierke, J. S., & Mihelcic, J. R. (2007, October 14-16). *Hydraulic Model Comparison of Vertical Flow Regimes in Constructed Wetlands*. Paper presented at the Water Environment Federation's Technical Exposition and Conference, San Diego, CA.
- Fuchs, V. J., Gierke, J. S., & Mihelcic, J. R. (2007, October 13-17). *Hydraulic Model Comparison of Vertical-Flow Regimes in Constructed Wetlands*. Paper presented at the 80th Annual Water Environment Federation Conference and Exposition.
- Fuchs, V.J. & Mihelcic, J. R., (2006, October 9-12). *Engineering Education for International Sustainability: Curriculum Design under the Sustainable Futures Model*. 5th Annual ASEE Global Colloquium on Engineering Education, Rio de Janeiro, Brazil.
- Fuchs, V. J. & Mihelcic, J. R. (2007, September 20-22). *Engineering Education for International Sustainability: Curriculum Design Under the Sustainable Futures Model*. Paper presented at the ASEE North Midwest Sectional Conference, Houghton, MI.
- Garcilaso, L. R., Jordan, K.L., Kumar, V., Hutchins, M. J., & Sutherland, J. W. (2007, June 11-13). *A Life-cycle Comparison of Clothes Washing Alternatives*. Paper presented at the 14th CIRP Conference on Life Cycle Engineering, Tokyo, Japan.
- Ghimire, S. R., & Barkdoll, B.D. (2008, May 12-16). *Effect of Demand on Energy Use in Municipal Water Distribution Systems*. Paper presented at the Environmental and Water Resources Congress, Honolulu, HI.
- Haapala, K. R., J. L. Rivera, and J. W. Sutherland, (2006, July 10-12). *Environmentally Responsible Process Selection via Life Cycle Analysis*. International Symposium on Flexible Automation, Osaka, Japan.
- Happala, K. R., & Sutherland, J. W. (2007, August 19-25). *Optimization of Steel Production to Improve Lifecycle Environmental Performance*. CIRP General Assembly, Dresden, Germany.
- Haapala, K. R., et. al. (2007, Sept 20-22). *Education, Research, and Training Aspects of the Sustainable Futures NSF IGERT Project*. Paper presented at the ASEE North Midwest Sectional Conference, Houghton, MI.
- Harris R. A. & Eatmon, Jr., T.D. (2006, April 12-15). *International Policy Diffusion for Environmental Sustainability*. Southwestern International Studies Association Annual Conference, San Antonio, TX.
- Harris, R.A., Eatmon, T.D., & Seifert, C. (2005, July 25-29). *Natural Pozzolans for Sustainable Development: Environmentally Friendly Concrete Technology*. 25th Annual ESRI International User Conference, San Diego, CA.

- Harris R. A., Hacıogullari, B. (2007, March 14-17). *Human Reproduction and Sustainable Development: Marriage, Religion, Science, and Society*. Southwestern Social Science 87th Association Annual Conference, Albuquerque, NM.
- Harris, R. A. & Lane, G. (2006, August 7-11). *Environmental Pollution, Human Malignancy, and Public Policy*. 26th Annual ESRI International User Conference, San Diego, CA.
- Harris, R. A., Mahadallah, H., & Mossa, B. (2006, April 12-15). *Sustainable Development in the Horn of Africa: Social Institutions in the Post-Superpower Era*. Southwestern International Studies Association Annual Conference, San Antonio, TX.
- Hauser, D. A., King, J. A., Keith, J. M., Barton, R. L., & Miller, M. G. (2007, May 6-11). *Thermal and Electrical Conductivity of Carbon/Liquid Crystal Polymer Composites for Fuel Cell Bipolar Plates*. Paper presented at the Society of Plastics Engineers Annual Technical Conference, Cincinnati, OH.
- Hokanson, D.R., et al. (2005, April 10-12). *University Education Initiatives in Sustainability*. Engineering Sustainability 2005, Pittsburgh, PA.
- Holman, P. A., Holles, J. H., & Shonnard, D. R. (2007, November 4-9). *LCA Comparison of the Production of Acrylic Acid from Propate and Proylene*. 2007 Annual Meeting, Salt Lake City, UT.
- Holman, P. A., Holles, J. H., & Shonnard, D. R. (2007, November 4-9). *Using Life Cycle Assessment (LCA) to Focus Catalysis Research*. AIChE 2007 Annual Meeting, Salt Lake City, UT.
- Hutchins, M. & J. W. Sutherland. (2006, May 31- June 2). *The Role of the Social Dimension in Life Cycle Engineering*. CIRP International Conference on Life Cycle Engineering, Leuven, Belgium.
- Jensen, J., Mix, A., Aglan, A., Shonnard, D.R., & Morinelly, J. (2007, November 4-9). *Mixtures Effects on Kinetic Characterization of Timber and Switchgrass Using Diluted Acid Hydrolysis*. AIChE Annual Meeting, Salt Lake City, UT.
- Ju, C., Keranen, L.P., Haapala, K.R., Michalek, D.J., Sutherland, J.W. (2005, November 5-11). *Issues Associated with MQL Implementation: Effect on Peripheral Milling Process Performance and Impact on Machining Economics*. 2005 ASME International Mechanical Engineering Congress and Exposition (IMECE), Orlando, FL.
- Kumar, V., et al. (2005, June 10-24). *Towards Manufacturing/Mechanical Engineering Curricular Change I Support of a Sustainable Future*. CIMEC (CIRP) 3rd SME International Conference on Manufacturing Education, San Luis Obispo, CA.
- Mihelcic, J. R., et. al. (2007, February 20-23). *Educating Engineers in the Sustainable Futures Model with a Global Perspective*. New Zealand Society for Sustainability Engineering and Science Annual Conference, Auckland, New Zealand.
- Paterson, K. G., & Fuchs, V.J. (2007, December 9-12). *Development for the Other 80%: Engineering Hope*. Paper presented at the 2007 AaeE Conference, Melbourne, Australia.
- Payment, C. L., & Watkins Jr., D. W. (2007, May 15-19). *Hydrologic Information System for Greenfield Site, Development, and Management*. Paper presented at the World Environmental and Water Resources Congress, ASCE, Tampa, FL.
- Rickli, J. L. C., J. A. (2007, October 15-18). *Monitoring and Diagnosis of Assembly Fixture Faults Using Modified Multivariate Control Charts and Surface Scanning Data*. Paper presented at the ASEM International Conference on Manufacturing Science and Engineering, Atlanta, GA.

- Seifert, C. (2007, March 14-17). *Sustainability of Coastal Wetlands in the Gulf of Mexico*. Southwestern Social Science 87th Association Annual Conference., Albuquerque, NM.
- Seifert, C. (2006, April 12-15). *Coastal Wetlands Protection Policy for Sustainable Development*. Southwestern International Studies Association Annual Conference, San Antonio, TX.
- Shams, A. (2006, August 7-11). *Virtual Reality Fly-Through Model for the UL Lafayette Campus*. 26th Annual ESRI International User Conference, San Diego, California.
- Shonnard, D. R. (2007, November 19). *Life Cycle Studies Comparing Green Diesel from the Ecofining Process to Petroleum Diesel and Biodiesel*. 2007 Refining Seminar, 12th European Refiners Technology Conference, Barcelona, Spain.
- Sothirajah, J., & Larson, J. S. (2008, March 14). *The Effectiveness of the 1994 Crime Bill in Reducing Crime in the United States: Affirming Liberal and Conservative Chesnuts*. Paper presented at the Louisiana Academy of Science, Natchitoches, LA.
- Sothirajah, J. (2008, March 14). *Mercury Sources, Effects, Regulations, and Reduction Methods*. Paper presented at the Louisiana Academy of Science, Natchitoches, LA.
- Sutherland, J. W., et. al. (2008, May 26-28). *Challenges for the Manufacturing Enterprise to Achieve Sustainable Development*. Paper presented at the 41st CRIP Conference on Manufacturing Systems, Tokyo Japan.
- Tumkor, S., V. Kumar, Haapala, K. R. , & Sutherland, J.W., (2006, June 18-21) *New Engineering Design Concepts for Sustainable Products*. ASEE Annual Conference and Exposition, Chicago, IL
- Ulupinar, M. & Harris, R. A. (2007, April 12-15). *Sustainable Social Institutions: Marriage, Family, and Intergenerational Transfers of Wealth*. Southwestern Social Science 87th Association Annual Conference, Albuquerque, NM.
- Ulupinar, M. & Choudhury, K. (2006, April 12-15). *Foreign Aid, Domestic Revenue Mobilization and Sustainable Development*. Southwestern International Studies Association Annual Conference, San Antonio, TX.
- Watkins, D. W., & Griffis, V. W. (2008, May 12-16). *Conditioning Ensemble Steamflow Prediction Forecast Using Climate Signals in the Midwestern U.S.* Paper presented at the World Environmental and Water Resources Congress, ASCE, Honolulu, HI.
- Watkins, D. W., McConville, J. R., & Mihelcic, J. R. (2008, May 12-16). *A Sustainability Matrix Approach to Project Planning and Evaluation*. World Environmental and Water Resources Congress, Honolulu, HI.
- Watkins, D. W., & Wei, W. (2008, May 12-16). *The Value of Seasonal Climate Forecasts and Why Water Managers Don't Use Them*. Paper presented at the World Environmental and Water Resources Congress, Honolulu, HI.
- Weatherton, Y., & Womack-Richardson, E. (2007, August 2007). *Analysis of Surface Temperature and Soil Temperature Trends in the United States Gulf Coast*. Paper presented at the Oxford Round Table on Global Warming and Sustainability, Oxford, England.
- Xue, H., Kumar, V., Pandit, S.M., & Sutherland, J.W. (2004, July 19-21). *An Enhanced Input-Output Model for Material Flow Analysis of Manufacturing Processes*. Japan-USA Symposium for Flexible Automation, Denver, CO.
- Yeliana, Cooney, C., Worm, J., and Naber, J.D. (2008, April 14-17). *The Calculation of Mass Fraction Burn of Ethanol-Gasoline Blended Fuels Using Single and Two-Zone Models*. SAE World Congress, Detroit, MI.