MICHAEL D. KAPLOWITZ

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EDUCATION

MICHIGAN STATE UNIVERSITY, East Lansing, Michigan

Ph.D. in Resource Development and Resource Economics (1997)

UNIVERSITY OF MICHIGAN, Institute for Social Research, Ann Arbor, Michigan

CIC Scholar, Survey Research Center Summer Institute (1996)

JOHNS HOPKINS SCHOOL OF ADVANCED INTERNATIONAL STUDIES, Washington, D.C.

M.A. in Latin American Studies, International Economics, and Environmental Policy (1992)

DUKE UNIVERSITY SCHOOL OF LAW, Durham, North Carolina.

J.D. [Doctor of Law] (1986)

UNION COLLEGE, Schenectady, New York.

B.S. in Industrial Economics, cum laude (1983)

PROFESSIONAL POSITIONS

MICHIGAN STATE UNIVERSITY [MSU] (1997-present)

DEPARTMENT OF COMMUNITY SUSTAINABILITY

(formerly Department of Community, Agriculture, Recreation, and Resource Studies)

Department Chair (December 2011-present)

Professor, Environmental Law and Policy (June 2009-present)

Associate Professor, Environmental Law and Policy (July 2002-June 2009)

Assistant Professor, Environmental Law and Policy (Aug. 1997-June 2002)

MSU COLLEGE OF LAW

Adjunct Professor, Environmental & Natural Resource Law (1998-present)

OTHER

Survey Researcher, Value of Wildfire Reduction, MSU Dept. Forestry (May-Oct.1994) Economic Researcher, Wetlands Valuation, MSU Institute of Water Research (1993-1994)

Consultancies: National Academy of Sciences; Morehead Univ.; State of Florida; others

ESCUELA DE AGRICULTURA DE LA REGIÓN TROPICAL HÚMEDA [EARTH University]

Las Mercedes-Guácimo, Limón, Costa Rica

Visiting Professor, Fulbright U.S. Scholar (Jan.-June 2004)

WASHINGTON, D.C. (Sept. 1990-Aug. 1992)

Expert Witness, U.S. Senate Committee on Foreign Relations (Aug. 1992)

Analyst, Cost to U.S. of Cuba Embargo, Johns Hopkins University (June 1991-Aug. 1992)

Staff Researcher, International Institute for Energy Conservation (Dec. 1990-May 1991)

NEW YORK, NEW YORK (June 1986-Aug. 1990)

Attorney, Civil Practice in Litigation, Employment, & Real Property Law,

Kaplowitz, Galinson, and Johnson (July 1986 - July 1990)

BAR ADMISSIONS: Connecticut, District of Columbia, Michigan, New York, & North Carolina

ASSOCIATIONS: American Agricultural Economics Association (AAEA); American Association of

Public Opinion Research (AAPOR); American Bar Association (ABA); Association of

Environmental and Resource Economists (AERE); Society of Wetlands Scientists (SWS); Soil and Water Conservation Society (SWCS); others.

SKILLS: Spanish (fluent); Survey design; Focus groups; In-depth interviews; Nonmarket valuation

FELLOWSHIPS, GRANTS, & AWARDS [award, % responsibility]

Committee on Institutional Cooperation (CIC) (2013). Department Executive Officers (DEO) Seminar. Selected by MSU. CIC department heads and chairs, selected by their respective campuses, participate in a unique leadership development workshop.

U.S. Agency for International Development (2012-2017) "Impact Evaluation and Strengthening Local Capacity to Monitor and Evaluate Food Security Programs in Cambodia." w/D.Boughton, M.Suvedi, & others. [\$2 million; 6%].

U.S. Department of Commerce, National Oceanic and Atmospheric Administration (2007-14) "Understanding Multiple Stressors in Coastal Ecosystems: Advancing Adaptive Management in Saginaw Bay." w/S.Peacor and F. Lupi [MSU] and co-PI from the Great Lakes Environmental Research Lab (Ann Arbor) and Univ. of Michigan. [\$3.8 million; \$884,000 @ MSU, 33%].

U.S. Environmental Protection Agency, Great Lakes Restoration Initiative (2011-2012) Great Lakes Commission (GLC). "Beach Advisories Through Smartphones – myBeachCast." w/F. Lupi. [\$99,937 grant awarded to GLC; \$10,000 @ MSU, 50%].

MSU Vice President of Finance and Operations--Boldness by Design (2008-12) Environmental Stewardship and Behavior Integrated Planning and Research Grant. "Attitudes and Behaviors Concerning Reducing MSU's Carbon Footprint." w/L.Thorp. [\$248,497, 75%].

U.S. Environmental Protection Agency. Science to Achieve Results (STAR) Grant (2004-10) "The Stability of Values for Ecosystem Services: Tools for Evaluating the Potential for Benefits Transfer." w/ J.Hoehn & F.Lupi. [\$235,772, 33%].

MSU Environmental Research Initiative (ERI) (2006-09) "Environmental & Resource Economics and Policy." w/F. Lupi and R. Horan. [\$77,916, 33%].

MSU Vice President of Finance and Operations. Campus Watershed Planning Grant (2000-09) "Watershed Action Through Education and Research (MSU-WATER)." w/ S. Witter, D. Long, J. Bartholic, T. Burton, G. Habron, D. Hayes, and others. [\$1,400,000, 20%]

MSU Office of International Studies and Program and Cantho University (Vietnam) (2008) Vietnam Collaborative Research Program Development Grant [\$2500, 100%].

U.S. Geological Services. Research Grant (2006-08) "Natural Resource Integrated Information System." w/J.Bartholic, L.Wolfson, S.Batie [\$92,355, 20%].

MSU Study Abroad Program. International Program Development Grant (2007) "Environmental & Natural Resource Sustainability in a Green Israel." [\$2500, 100%].

USDA Graduate Education and Training Grant (2005-08)

"Nonmarket Valuation and Public Trade-Offs for Ecosystems." w/F. Lupi. [\$90,000, 100%].

MSU Vice President of Finance and Operations--Boldness by Design (2006-08) Environmental Stewardship and Behavior Team Integrated Planning and Research Grant. "Attitudes, Behaviors, & Obstacles Regarding Campus Recycling." w/L.Thorp. [\$161,726, 50%].

MSU Honors College, Honors Research Seminar Program Grant (2006-07) "Learning about People's Environmental Attitudes and Values." w/F.Lupi [\$5,000, 50%]

Great Lakes Protection Fund. Water Research Grant (2005-07)

"Restoring Great Lakes Basin Waters through the Use of Conservation Credits and a Water Balance Analysis." w/J.Bartholic, S.Batie, A.Adelaja, and others. [\$540,000, 15%].

MSU Land Policy Program, Special Project Grant (2005-06)

"Non-Market Valuation and Public Trade-Offs for Great Lakes Coastal Wetland Preservation and Restoration." w/F.Lupi and J.Hoehn. [\$19,725, 33%].

EARTH University Foundation. Research Grant (2003-04; 04-05; 05-06) "Promoting Agriculture & Natural Resources in Latin America." [\$24,000; \$25,378; \$18,070. 100%]

MSU Center for Advanced Study of International Development/Women and International Development Program. Global Area and Thematic Initiative (GATI) (2004-05) "Combining Science, Economics, & Innovation to Improve Water Management." w/J. Kerr. [\$10,176, 50%].

MSU Land Policy Program, Special Project Grant (2004-05)

"Non-Market Values and Demand for Market Mechanisms for Great Lakes Coastal Wetland Preservation and Restoration." w/F. Lupi and J.P. Hoehn. [\$11,000, 33%]

U.S. Department of State and the National Oceanic and Atmospheric Administration. White Water to Blue Water Project Grant (2004-05). "Working towards Sustainable Agriculture, Communities and the Environment." w/ C. Hernandez. [\$20,000, 90%]

Hewlett Foundation/EARTH University Foundation. Research Grant (2003-2004) "Investigating Watersheds and Ecosystem Values in Costa Rica." [\$5000, 100%]

Fulbright U.S. Scholars Program. Lecture/Research Fellowship, Escuela de Agricultura de Region Tropical Humeda [EARTH University], Guácimo, Costa Rica (Jan.-June 2004) "Local Stakeholders and Nonmarket Values of Ecosystem Services." [\$32,000, 100%]

Michigan Agricultural Experiment Station —Nonrecurring Research Grant (2002-2004) "National Study of Transferable Development Rights Programs." w/ P. Machemer [\$3,500, 50%].

Michigan Sea Grant Program—Biennial Research Grant (2001-2004) "Estimating Nonmarket Values for Great Lake Coastal Wetlands." w/ J.P. Hoehn & F. Lupi. [\$139,865, 33%].

Michigan Agricultural Experiment Station—Disciplinary Research Grant (2001-2004) "Wetland Mitigation Banks and Banking Activity in the United States." [\$90,000, 100%]

Institute for Public Policy & Social Research—Applied Public Policy Grant (2001-2002) "Stakeholder Attitudes about Managing Michigan's Watersheds and Wetlands." w/ J. Kerr. [\$25,000, 50%]

Michigan Dept. of Environmental Quality (DEQ)—Watershed Planning Grant (2000-2002) "Red Cedar Watershed Management Initiative."w/ R.Godbold, B.Jonckheere, S.Witter. [\$195,193, 50%]

National Science Foundation & Environmental Protection Agency. Decision Making and Valuation for Environmental Policy. Science to Achieve Results (STAR) Grant (2000-2003) "Web-Based Methods for Valuing Wetlands Services." w/ J.P. Hoehn & F. Lupi. [\$235,772, 33%]

Michigan Great Lakes Protection Fund, Michigan DEQ—Research Grant (1999-2003) "Demand Based Methods for Wetlands Banking." w/ J.P. Hoehn & F. Lupi. [\$178,813, 33%]

Michigan Sea Grant College Program—Program Development Grant (2000) "Identifying Nonmarket Values for Great Lake Coastal Wetlands." w/ J.P. Hoehn & F. Lupi. [\$30,000, 33%]

Outstanding Doctoral Student Award, Department of Resource Development, Michigan State University (1996).

Inter-American Foundation, Arlington, VA. Doctoral Field Research Fellowship (1995-96) "Nonmarket Valuation in Mexico: Balancing Economic Progress and Resource Management."

Organization of American States, Washington, D.C. Regular Fellowship Program (1995-96) "Natural Resource Valuation in Yucatán, Mexico."

International Studies and Programs, Michigan State Univ. Global Young Scholar (1994).

U.S. Department of Education. Title VI Foreign Language Area Studies (FLAS) Fellowship for Doctoral Studies (1992-93 and 1993-94).

Arca Foundation, Washington, D.C. Field Research & Travel Grant (1992) "Opportunity Costs to U.S. Business of the Cuba Embargo."

Ford Foundation/Johns Hopkins Cuba Studies Program. Research Fellowship (1991) "Exploring Natural Resource Management and Sustainability in Cuba."

SERVICE & ACTIVITIES

U.S. Department of Agriculture. Western Regional Project W2133: Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands. Multi-State Research Project President (2008-2009), Vice-President (2007-2008), Member (2000-present).

The Economics of Legal Relationships, Book Series. London: Routledge/Taylor & Francis. Series Co-Editor. (2003-present).

Kellogg Biological Station-NSF Long-Term Ecological Research Program. Research Advisory Committee. (2008-present).

Chicago Department of Environment. Chicago Ecostructure Incentive Program: Creating a regional model for engaging residents in green infrastructure. USDA Forest Service Urban and Community Forestry Program.

Advisory Board Member (2010-2011)

Agricultural & Applied Economics Association.

Teaching Award Selection Committee (2006-2010).

Workshop on Invasive Species Management, Environmental Research Initiative Michigan State University, East Lansing, MI (October 8-9, 2007). Co-Organizer w/ F. Lupi and R. Horan.

Society of Environmental Toxicology and Chemistry (SETAC) Valuation of Ecological Resources-Pellston Workshop Invited Participant and Chapter Co-Author (October 2003-2007)

Fulbright Senior Specialists Program
Peer Review Committee, Environmental Science (2005-2006)

MSU Program Evaluation Institute, a National Science Foundation project, Instructor (2005-2006).

Millennium Ecosystem Assessment, "Inland Water Systems," Chapter 20, Lead Author (2003-2006)

Peer Reviewer

Agriculture and Human Values; Agricultural & Applied Economics Association; Assessment; Ecological Economics; Environmental Management; Field Research; Impact Assessment & Project Appraisal; International Journal of Public Opinion Research; Field Methods; U.S. Fulbright Senior Specialist Program; Journal of the American Water Resources Association; Journal of Applied Social Psychology; Journal of Environmental Management; Journal of Official Statistics; Michigan Agricultural Experiment Station; North American Journal of Fisheries Management; Political Behavior; Public Opinion Quarterly; Resource and Energy Economics; Restoration Ecology; Rhode Island Agricultural Experiment Station; Social Science Computer Review; Society and Natural Resources; Wetlands; others.

Michigan State University (MSU)

MSU Steering Committee of Academic Council

At-Large Member. Elected by university faculty (2011-2012).

MSU Executive Committee of Academic Council [ECAC]

At-Large Member. Elected by university faculty (2010-2011).

MSU University Academic Appeals Board

Appeals Board Member. Appointed by President Simon (2010-2012)

MSU University Hearing Board

Hearing Board Officer (2007-2010)

MSU Environmental Science & Policy Program-university-wide program/specialization Member (2002-present); Program Advisory Group, elected representative (2002-04; 2004-06); Instructor, doctoral program core course (2003-2011).

Interdepartmental Specialization in Environmental and Resource Economics

Executive Committee Member (1997-present)

Comprehensive Exam Committee (Chair 2007-2009; 2004-2009)

Center for Latin American & Caribbean Studies

Core Faculty (1997-present)

MSU Jewish Studies Program

Core Faculty (2007-present)

Tinker Foundation, Field Research Grant—Selection Committee (2000-2002)

M. Peter McPherson Professorship for the Understanding of Science,

Visit Co-Organizer, Nobel Laureate Norman E. Borlaug, (March 16-21, 2003)

The MSU Environmental Speaker Series—Co-organizer (externally-funded)

2007 -- Currents in Environmental Law

Speakers included: Lisa Heinzerling, Scott Vitters, and Christopher Schroeder.

2005 -- People, Law, & the Environment

Speakers included: Dan Cole, Dan Tarlock, Robert Percival, and Zygmunt Plater

2002 -- Sustainable 21st Century Cities

Speakers included: Myron Orfield, Avis Vidal, David Morris, and William Hudnit

2001 -- Land Use: Changing Urban Landscapes

Speakers included: Debra Knopman, Jim Kunstler, Bruce Katz, and Ben Starrett

2000 – Environmental Policy & Resource Management

Speakers included: Norine Noonan, Paul Scodari, and John Escheverria

1999 -- Science and Society's 'Rules of Evidence'

Speakers included: Sheila Jasanoff, Leonard Fleck, and Gilbert Omenn

1998 -- Property Rights and the Environment

Speakers included: Alan Randall, Bonnie McCay, Dan Bromley, Tom Tietenberg

College of Agriculture & Natural Resources (CANR)

Ambrose Pattullo Fund For Environmental Issues. Graduate Fellowship for Literary Work. Selection Committee. (2009-present)

CANR College Advisory Council [CAC] Chair (2009-2010), Elections Officer (2008-2009) Department Representative (2002-2004, 2008-2010)

Barlowe Resource Economics and Policy Fellowship selection committee, chair (2007-08)

Homer Nowlin Chair for Water & Agriculture, CANR search committee (2001-2002)

CARRS Departmental Committees

Graduate Affairs and Curriculum Committee [GACC] (2010-2012)

Faculty Advisory Committee [FAC] (faculty elected) (2000-02; 02-04; 06-08; 08-10) Chair (2008-2009)

Technology & Information Systems Committee, Chair (1996-2003; 2005-2009)

Undergraduate Curriculum Committee (2001-2003; 2005-2006)

Student Adjudication Committee, Chair (1996-2004)

Bylaws Rewrite Committee, Chair (2003)

Faculty Search Committees (1999-2000; 2005-2006; 2006-2008)

INSTRUCTIONAL ACTIVITY

- ESA 235-Exploring Environmental Policy using Film (spring 2012, 2013, 2014, onging). Introduce complex ideas of environmental and natural resource policy and sustainability. Student writing and projects a central feature of course.
- ESP 802-Human Systems and the Environment (spring each year, 2003-2011) Core course in the university-wide doctoral specialization in Environmental Science and Policy specialization
- ESA 430-Environmental & Natural Resource Law (fall each year, 1994-2011)
 Required course in the undergraduate majors including Environmental Studies &
 Agriscience major (CARRS); Environmental Economics and Policy major (Ag. Food & Res. Econ); Elective for other majors and specializations including Environmental Economics, Environmental Soil Science, and Environmental Studies.
- SSC 490/ANR 491-Bridging Worlds: Rural and Urban Realties (fall 2009-2011) Joint with Cornell University via video conference. Acquaint students with the cultural, historical, socio-political, literary, anthropological, health, agricultural and development issues in southern Mexico.
- SSC 490/ANR 475- Field Experience in Chiapas, Mexico (winter, 2009-2011)

 Joint with Cornell University. Provides students a dynamic, first-hand opportunity to observe and learn about the rich living cultures, environments, ecologies, rural and urban communities, and development issues in multiethnic Chiapas, Mexico. Handson learning and discussion sessions coordinated and integrated with site visits led by Mexican and US professionals from diverse disciplines.
- ESA 480/ANR 475-Environmental Sustainability in a Green Israel (2008, 2011, every third year). Organized and led a two-week study abroad program based on experiential/service learning opportunities in Israel focused on sustainable development and environmental stewardship. Fieldwork included reforestation projects, water quality projects, biological surveys, and ecotourism.

Other teaching has included:

HC 200-Honors Research Seminar

RD433-Law & Society

RD832-Natural Resource Law

RD838-Land Use Law

RD891-Wetlands Law & Policy

PRO101-Exploring Environmental Issues

Graduate Student Committees (* chair of committee)

Hastings Malumbo Nyirongo (MS, CSUS)

Study Area: Pluralistic Extension Service in Malawi

Jessica Vega (MS-Peace Corps Masters International, CSUS)

Study Areas: Community Development in Peru

Williams Martins Castro (PhD Student, Geography)

Study Areas: Sustainable Development and Forest Transition in Brazil's Amazon Current position: Cpmrehensive Exams

Yankuic Masatzugo Galvanmiyoshi (PhD Candidate, Geography)

Study Areas: Sustainable Development and Forest Transition in Latin America Current position: Comprehensive Exams

Felix Kwame Yeboah[‡] (MS, CARRS, 2009; PhD candidate, CARRS)

Study Areas: Institutional Recycling Programs and Reducing Carbon Footprints. Current position: Dissertation Research & Completions, Graduate Research Assistant.

Scott A. Weicksel (MS, Ag., Food, and Resource Econ., 2012)

Study Areas: Environmental Econ., Stated Preference, and Nonmarket Valuation Current position: Consulting Firm, Chicago.

Ritaumaria Pereira (PhD, Geography, 2012)

Study Areas: Sustainable Development and Forest Transition in Brazil's Amazon Current position: Brazil

Tim Komarek (MS, Ag., Food, and Resource Econ, 2010)

Study Areas: Energy, Stated Preference, and Nonmarket Valuation Current position: Doctoral student, AFRE, MSU.

Luis Flores[‡] (PhD, CARRS, 2010)

"The Impacts of Market Channel Choices for Small Farmers: Examining Strategies and Consequences of Guatemalan Lettuce Producers."

Current position: Assistant professor, Institute of International Agriculture, MSU.

Alfonso Cortez Lara[‡] (PhD, CARRS, 2010)

"Irrigation and Transboundary Water Management in the Lower Colorado River: The changing role of agriculturists in the Mexicali Valley, Mexico."

Current position: Professor, El Colegio de la Frontera Norte-Mexicali, Mexico.

Lauren Olson (MS, CARRS, 2008)

"Promoting Sustainability: Mental Models Research to Inform the Design of a Campus Recycling Program."

Current position: Project coordinator, Office of Campus Sustainability, MSU

David Gebben (MS, Ag. Econ, 2008)

"Attribute Based Modeling of Recycling Preferences at Michigan State University." Current position: Doctoral student, Ag. And Resource Econ., Colorado State University

Mariah Branch (MS, Ag. Econ., 2008)

"Effective Ground Water Management Policies: Expert Advice from 19 States." Current Position: Director of planning & development, Prout Research Inst., Venezuela

Matthew H. Brinkley (MURP, School of Planning, Design, & Construction 2008)

"An Examination of Transferable Development Rights Programs: A National Survey of Program Practitioners."

Current Position: Planner, Lansing Township, MI

Daniel Ortega-Pacheco (MS, Ag. Econ, 2007)

"Payments for Environmental Services in Eastern Costa Rican Watershed." Current position-Doctoral student, Public policy and management, Ohio State University

Darlene (Dusty) Fancher[‡] (MS, Resource Development, 2007)

"Transferable Development Rights in Michigan."

Current position: Partner, Midwest Strategy Group, Lansing, MI

Oscar Arreola[‡] (MS, Resource Development, 2007)

"Estimating Economic Values For Great Lakes Coastal Wetlands Protection Programs." Current position: Doctoral student, CARRS, MSU

Delanie Kellon[‡] (MS, Resource Development, 2006)

"Working towards Sustainable Agriculture, Communities, and the Environment." Current position; Doctoral student, CARRS, MSU

Melissa Gibson (MS, Ag. Econ, 2005)

"Stated Preference of Michigan Residents for Great Lakes Coastal Wetland Programs." Current position: Special initiatives coordinator, Land Policy Research Program, MSU

Deborah Bailev[‡] (MS, Resource Development, 2005)

"Wetland Mitigation Banking: A Banker's Perspective."

Current position: Associate program leader, MSU Extension

Eric Freedman (MS, Resource Development, 2004)

"When Indigenous Rights and Wilderness Collide."

Current position: Associate Dean, International Studies and Programs, MSU

Paul Steiner (MS, Ag. Econ, 2003)

"Variations in Mitigation Required Achieving "No Net Loss" under Different Valuation Models for Michigan's Wetlands."

Current position: Operations director, Michigan Nature Association

Kelly Kolakowski[‡] (MS, Resource Development 2002)

"Assessing University Students' Environmental Knowledge at a Big Ten University." Current position: Planning and Zoning Coordinator, Genoa Township

PUBLICATIONS & PRESENTATIONS

Articles [* peer-reviewed, <u>lead author</u>, **student**]

- * <u>Cortez-Lara, A.</u>, M.D. Kaplowitz, and J. Kerr. 2014. "Local stakeholder Participation in Transboundary Water Management: Lessons from the Mexicali Valley, Mexico." *International Journal of Water.* 8(1):17-33.
- * Seedang, S., Norris, P.E., Batie, S.S., and Kaplowitz, M.D. 2013. "Exploring market-based environmental policy for groundwater management and ecosystem protection for the Great Lakes region: Lessons learned." *Journal of Great Lakes Research* 39:484-492. http://dx.doi.org/10.1016/j.jglr.2013.06.010.
- * Komarek, T.A., F. Lupi. M.D. Kaplowitz, and L. Thorp. 2013. "Influence of Energy Alternatives and Carbon Emissions on an Institution's Green Reputation." *Journal of Environmental Management*. 128:335-344.
- * <u>Kaplowitz, M.D.</u>, **Yeboah, F.K**. and Lupi, F. 2013. "Exploring the Middle Ground between Environmental Protection and Economic Growth Worldviews." *Public Understanding of Science*. Published online ahead of print. 22(4):413-426.
- * <u>Kaplowitz, M.D.</u>, L. Thorp, **K. Coleman**, and **F.K. Yeboah**. 2012. "Energy Conservation Attitudes, Knowledge, and Behaviors in Science Laboratories." *Energy Policy* 50:581-591. http://dx.doi.org/10.1016/j.enpol.2012.07.060.
- * <u>Kaplowitz, M.D.</u>, F. Lupi, and **O. Arrello**, 2012. "Local Markets for Payments for Environmental Services: Direct Payment for Watershed Services in Eastern Costa Rica." *Water Resources Management*. 26:3689–3704. DOI 10.1007/s11269-012-0097-y
- * <u>Kaplowitz, M.D.</u>, Lupi, F., Couper, M., and Thorp, L. 2012. "The Effect of Invitation Design on Web Survey Response Rates." *Social Science Computer Review* 30(3): 339-349.
- * <u>Kaplowitz</u>, M.D., and F. Lupi. 2012. "Stakeholder preferences for best management practices: A choice experiment in Mid-Michigan's Sycamore Creek." *Landscape and Urban Planning*. 104(3–4): 364-372.
- * <u>Komarek, T.M.</u>, F. Lupi. M.D. Kaplowitz. 2011. "Valuing Energy Policy Attributes for Environmental Management: Choice Experiment Evidence from a Research Institution." *Energy Policy* 39(9): 5105–5115.
- * <u>Hoehn, J.P.</u>, F. Lupi, and M.D. Kaplowitz. 2010. "Stated Choice Experiments with Complex Ecosystem Changes: The Effect of Information Formats on Estimated Variances and Choice Parameters." *Journal of Agricultural and Resource Economics*. 35(3):568.
- * <u>Kaplowitz, M.D.</u> and J.C. Bergstrom. 2010. "Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands: USDAW2133 Regional Research Project Legacy & Current Contributions." *Agricultural and Resource Economics Review*. 39(1):1-8.

- * <u>Kaplowitz, M.D.</u>, **F.K. Yeboah**, L. Thorp, and **A. Wilson**. 2009. "Garnering Input for Recycling Communication Strategies at a Big Ten University." *Resources, Conservation, and Recycling*. 53(11):612-623.
- * Tuncer, G., C. Tekkaya, S. Sungur, J. Cakiroglu, H. Ertepinar, and M.D. Kaplowitz. 2009. "Assessing pre-service teachers' environmental literacy in Turkey as a mean to develop teacher education programs." *International Journal of Educational Development*. 29: 426-436. http://dx.doi.org/10.1016/j.ijedudev.2008.10.003.
- * <u>D.V. Ortega-Pacheco</u>, F.Lupi, and M.D. Kaplowitz. 2009. "Payment for Environmental Services: Estimating Demand within a Tropical Watershed." *Journal of Natural Resources Policy Research*. 1(2):189-202.
- * <u>E.P. Fenichel</u>, F. Lupi, J. Hoehn, and M.D. Kaplowitz. 2009. "Split-Sample Test of 'No-Opinion' Responses in an Attribute Based Choice Model." *Land Economics*. 85(2):349–363.
- * M.D. Kaplowitz, F. Lupi, and **D. Bailey**. 2008. "Wetland Mitigation Banks: The Bankers' Perspective." *Journal of Soil and Water Conservation*. 63(3):162-173.
- * M.D. Kaplowitz and S.G. Witter. 2008. "Agricultural and Residential Stakeholder Input for Watershed Management in a Mid-Michigan Watershed." *Landscape and Urban Planning* 84(1):20-27.
- * M.D. Kaplowitz, P. Machemer, and R. Pruetz. 2008. "Planners' Experiences in Managing Growth Using Transferable Development Rights (TDR) in the United States." *Land Use Policy*. doi:10.1016/j.landusepol.2007.07.004.
- * <u>L.T. Hansen</u>, **C. McMellen**, **L. Olson**, M. Kaplowitz, J. Kerr, and L. Thorp. 2008 "Recycling Attitudes and Behaviors on a College Campus: Use of Qualitative Methodology in a Mixed-Methods Study." *Journal of Ethnographic & Qualitative Research* 2(3):173-82.
- * M.D. Kaplowitz, F. Lupi, and J.P. Hoehn. 2007. "What Does the Public Know about Wetlands in Michigan? Using Focus Groups for Scoping and Exploratory Research." *Michigan Academician*. 37(1-3):19-34.
- * M.D. Kaplowitz and R. Levine. 2007. "Class Participation: A Major University Surveys Students as Part of Its Watershed Management Efforts." *Watershed & Wet Weather Technical Bulletin* 12(2):12-16.
- * M.D. Kaplowitz and R. Levine. 2005. "How Environmental Knowledge Measures up at a Big Ten University," *Environmental Education Research*. 11(2):143-160.
- * <u>G.B. Habron.</u>, M.D. Kaplowitz, and R. Levine. 2004. "A Soft Systems Approach to Watershed Management: A Road Salt Case Study," *Environmental Management*. 33(6):776 787.
- * M.D. Kaplowitz, **T.D. Hadlock**, and R. Levine. 2004. "A Comparison of Web and Mail Survey Response Rates" *Public Opinion Quarterly*. 68(1):98-101.
- * M.D. Kaplowitz and F. Lupi. 2004. "Color Photographs and Mail Survey Response Rates" *International Journal of Public Opinion Research* 16(2):199-206

- * <u>S. Pennington</u>, M.D. Kaplowitz, and S. Witter. 2003. "Reexamining Best Management Practices for Improving Water Quality In Urban Watersheds." *Journal of American Water Resources Association*. 39(5):1027-1041. DOI 10.1111/j.1752-1688.2003.tb03690.x
- * J.P. Hoehn, F. Lupi, and M.D. Kaplowitz. 2003. "Untying a *Lancasatrian* Bundle: Ecosystem Valuation for Wetland Mitigation." *Journal of Environmental Management*. 68(3):263-272.
- * M.D. Kaplowitz and J. Kerr. 2003. "Michigan Residents' Perceptions of Wetlands and Mitigation." *Wetlands*. 23(2):267-277.
- * <u>F. Lupi</u>, M.D. Kaplowitz, and J.P. Hoehn. 2002. "The Economics of Wetland Ecosystem Restoration and Mitigation: The Economic Equivalency of Drained and Restored Wetlands in Michigan." *American Journal of Agricultural Economics*. 84(5):1355-1361.
- * <u>P.J. Machemer</u> and M.D. Kaplowitz. 2002. "A Framework for Evaluating Transferable Development Rights Programmes." *Journal of Environmental Planning & Management*. 45(6):773-795.
- * M.D. Kaplowitz and S.G. Witter. 2002. "Identifying Water Security Issues at the Local Level." *Water International*. 27(3):387-394.
- * D. Dempsey and M.D. Kaplowitz. 2001. "The Persistence of Local Wetland Ordinances in Michigan." *Michigan Environmental Law Review*. 19(3):18-23.
- * P. Kakela and M.D. Kaplowitz. 2001. "The Role of U.S. Iron Ore in Global Mining Mergers" *Engineering & Mining Journal*. September 2001: 44-53.
- * M.D. Kaplowitz. 2001. "Assessing Mangrove Products and Services at the Local Level: The Use of Focus Groups and Individual Interviews" *Landscape and Urban Planning* 56(1-2):53-60.
- * M.D. Kaplowitz, D.A. Bronstein, and **H. Suffron**. 2001. "International Environmental Laws & Standards: Four Ways They Can Be Established." In M. K. Tolba, Editor, *OUR FRAGILE WORLD-Challenges and Opportunities for Sustainable Development*. Paris: UNESCO-EOLSS Joint Committee.
- * M.D. Kaplowitz. 2001. "Uncovering Economic Benefits of Chivita (Melongena melongena Linnaeus, 1758 & Melongena corona bispinosa Philippi, 1844)." *Journal of Shellfish Research* 20(1):295-299.
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 - <u>Lupi, Frank, M. Savard, O. Arreola, M.D. Kaplowitz, and J.P. Hoehn, 2004. "Michigan Great Lakes Coastal Wetlands: Survey Results and Preferences for Wetland Programs," Report to Michigan Sea Grant and Lake Michigan Federation (October).</u>
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Komarek, T., Lupi, F., and M. Kaplowitz. 2010. Institutional Management of Greenhouse Gas Emissions: How Much Does 'green' Reputation Matter? Paper presented at AAEA Annual Meeting. Denver, CO. (July).

Song, F., Lupi, F., and M. Kaplowitz. 2010. Valuing of Public Access to Great Lakes Beaches. Poster presented at AAEA Annual Meeting. Denver, CO. (July).

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- Yeboah, F.K., Kaplowitz, M., and F. Lupi. 2010. Asking if Respondents Favor Environmental Protection or Economic Growth. Paper presented at American Association of Behavioral and Social Sciences. Las Vegas, NV (Feb.).
- Hoehn, J.P., Lupi, F. and M. Kaplowitz. 2010. Valuing Ecosystem Services: Testing the Extent of the Market. Paper presented at W2133 Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands. Tucson, NM (Feb).
- Komarek, T., Lupi, F., and M. Kaplowitz. 2010. Stakeholder preferences for carbon management strategies at MSU. Paper presented at AFRE Graduate Student Research Symposium. East Lansing, MI. (Jan.).
- Kaplowitz, M. 2008. Invited Speaker. Tragedy of the Commons 40th Anniversary Retrospective. Adrian College. Adrian, Michigan (November 21).
- Yeboah, F.K., M. Kaplowitz, L. Thorp, and A. M. Wilson. 2008. "Promoting Recycling at a Big Ten University: Garnering and Understanding Stakeholder Input for a Communication Strategy at Michigan State University." Field Report presentation at 2nd Biennial Conference of the Association for the Advancement of Sustainability in Higher Education [ASHEE]. Raleigh, North Carolina (November 9-11).
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- Kaplowitz, M., F. Lupi, M. Couper, and L. Thorp. 2008. "Experiments with Invitations to Increase Response in Web-based Surveys." Paper presented at American Association of Public Opinion Research 63rd Annual Meeting, New Orleans (May 15-18).
- Kaplowitz, M., F. Lupi, M. Couper, and L. Thorp. 2008. "Experiments to Increase Response in Web-based Stated Preference Surveys." Paper presented at USDA Western Regional Project Meeting/Western Regional Science Association Annual Meeting. Hilo, Hawaii (February 19).
- Kaplowitz, M. 2008. Invited Speaker and Seminar Participant. "U.S. Environmental Law and Protection." Cantho University School of Law, Cantho, Vietnam (January 19).
- Batie, S., S. Seedang, and M. Kaplowitz. 2007. "Using Conservation Credit Offset Trading and Groundwater Permitting in a Groundwater Scarce Watershed to Protect In-stream Ecological Service Values." Paper presented at American Water Resources Association annual meeting. Albuquerque, New Mexico (November 12-15).
- Ortega, D. F. Lupi., and M. Kaplowitz. 2007. "Payment For Environmental Services (PES): Estimating Demand in a Tropical Watershed." Poster presented at AAEA Annual Meeting. Portland, Oregon (July 31).

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- Fenichel, E., F. Lupi, J. Hoehn, and M. Kaplowitz. 2007. Split-Sample Tests of "No Opinion" Responses in an Attribute-Based Choice Model. Paper Presented at NCER/NCEE Workshop EPA Benefit Transfer Meeting. Washington, D.C. (April 24).
- F. Lupi, M. Kaplowitz, O. Arreola. 2007. "Effect of Question Framing in Double Bounded Contingent Valuation of Ecosystem Services." Paper presented at USDA Western Regional Project Meeting. Richmond, Virginia (March).
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- M.D. Kaplowitz. 2006. "Examining Local Markets for Payment for Environmental Services," Paper presented at International Workshop on Rural Community Planning and Development. Fourth Engineering Office, Soil & Water Conservation Bureau. Tainan, Taiwan ROC (Oct. 31-Nov. 2).
- Lupi, F. and M. Kaplowitz. 2006. "Demand and Economic Values for Great Lakes Wetland Restoration and Preservation Programs," presented at 9th Annual Wetlands & Watershed Workshop, EPA Regions 2 & 3, Atlanta City, NJ (October 24).
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- M.D. Kaplowitz, F. Lupi, O. Arreola, and D. Kellon. 2006. "Local Markets for Payment for Environmental Services: Direct Payment for Watershed Services in Eastern Costa Rica," presented at EARTH University, Guácimo de Limon, Costa Rica (6 March).
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- M.D. Kaplowitz, F. Lupi, and J.P. Hoehn. 2005. "Public Preferences for Protecting Great Lakes Wetlands," Paper presented at 26th Annual International meeting of the Society of Wetlands Scientists, Charleston, SC (9 June).
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- M.D. Kaplowitz, F. Lupi, J.P. Hoehn, M. Gibson and O. Areola. 2005. "Stated Preferences for Great Lakes Coastal Wetland Program Characteristics," Poster presented at Michigan Land Use Summit, Kellogg Center, East Lansing, MI, (19-20 May). *Best of Show for Outstanding Land Use Poster*.
- J.P. Hoehn, F. Lupi, and M. D. Kaplowitz. 2005. "Information Effects on Elicited Preferences for Wetland Mitigation," presented at Midwest Economics Association, Annual Meeting, Milwaukee (11 March).
- M.D. Kaplowitz, D. Kellon, and O. Arreola. 2005. "Assessing Stakeholders' Understanding and Preferences in Costa Rica's Dos Novillos Watershed." Presented at EARTH University-Ohio State University U.S. DOE Research Conference, Guacimo, Costa Rica (10 March).
- M.D. Kaplowitz, F. Lupi, and J.P. Hoehn. 2005. "Wetland Mitigation Trade-offs and Information Treatment Effects." Presented at Michigan Academy of Science, Arts, & Letters. Ypsilanti, MI (4 March).
- F. Lupi, M.D. Kaplowitz, J.P. Hoehn. 2005. "Public Preferences and WTP for Great Coastal Wetland Programs," Presented at W1133, Salt Lake City, UT (13 February).
- F. Lupi, M.D. Kaplowitz, J.P. Hoehn, M. Savard and O. Arreola. 2005. "Public Preferences for Great Lakes Wetland Protection Programs". Selected Paper presented at Great Lakes Coastal Wetlands, 10th annual Wetland Science Forum, Wisconsin Wetlands Association. Green Bay, Wisconsin (26-27 January).

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- M.D. Kaplowitz, F. Lupi, J. Hoehn, O. Arreola, and M. Savard. 2004. "Estimating Economic Values for Great Lakes Coastal Wetlands." Invited presentation. Michigan Sea Grant National Assessment. East Lansing, Michigan. (27 October).
- D. Bailey, M.D. Kaplowitz, and F. Lupi. 2004. "What Wetland Bankers Think about U.S. Wetland Banking Program." Poster presented. 2nd National Conference on Coastal and Estuarine Habitat Restoration. Seattle, Washington (12-15 September).
- D. Bailey, M.D. Kaplowitz, and F. Lupi. 2004. "What the Nation's Bankers Think about Wetland Mitigation Banks." Poster presented. 7th Mitigation Banking Conference. New Orleans, LA (March).
- J.P. Hoehn, F. Lupi, and M.D. Kaplowitz. 2004. "The Effects of Questionnaire Formats on Elicited Preferences and Values in Stated Preference Experiments." Paper presented and published proceedings. USDA Western Regional Project W-1133: *Benefits & Costs of Resource Policies*. Honolulu, Hawaii (February 26).
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- R. Levine, M.D. Kaplowitz, and G. Habron. 2003. "Soft Systems Management: Understanding the Role of a Faceless Campus Community." Paper presented. 9th Biennial Conference of the Society for Community Research and Action, Division 27 of the American Psychological Association. Las Vegas, New Mexico (June 4).
- M.D. Kaplowitz, F. Lupi, and J.P. Hoehn. 2003. "Preferences and Like-Kind Compensation for Wetlands." Presentation. 13 th Great Lakes Conference, "The Great Lakes: Managing & Understanding a System Under Change," MDEQ Office of Great Lakes and MSU. Agriculture and Natural Resources Week. East Lansing, MI (March 6).
- F. Lupi, M.D. Kaplowitz, and J. Hoehn. 2003. "Experimental Designs for Choice Experiments: Wetland Mitigation." Paper presented and published proceedings. USDA

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- M.D. Kaplowitz, F. Lupi and J. P. Hoehn. 2002. "Design, Testing and Evaluation of Stated Preference Questionnaires." Paper presented at Invited Session, "Case Studies Using Multiple Methods for Questionnaire Evaluation," Chair: K. Bogen, at the First International Conference on Questionnaire Development, Evaluation, and Testing Methods (QDET). Charleston, SC (November 16).
- F. Lupi, M.D. Kaplowitz, and J.P. Hoehn. 2002. "The Economic Equivalency of Drained and Restored Wetlands in Michigan." Paper presented at Principal Paper Session, "The Economics of Wetland Ecosystem Restoration and Mitigation," at the American Agricultural Economics Association Annual Meeting, Long Beach, CA (July 29).
- J.P. Hoehn, F. Lupi, and M.D. Kaplowitz. 2002. "The Role of Valuation in Cap and Trade Systems for Ecosystem Resources: An Analysis of Wetlands Mitigation and Banking." Paper presented at 2nd World Congress of Environmental and Natural Resource Economists. Monterrey, CA (June 30).
- Lupi, F., M.D. Kaplowitz, and J.P. Hoehn. 2002. "Estimating Wetland Mitigation Ratios from Public Preferences," Presented at the 9th International Symposium on Society and Resource Management, Bloomington, IN (June 4th).
- M.D. Kaplowitz, F. Lupi and J. P. Hoehn. 2002. "Estimating Wetland Mitigation Ratios from Public Preferences." Paper presented at Society of Wetland Scientists 23 rd Annual Meeting, Lake Placid, NY (June 2).
- M.D. Kaplowitz and J. Kerr. 2002. "Stakeholder Attitudes about Managing Michigan's Watersheds and Wetlands." Invited presentation at Institute for Public Policy & Social Research (IPPSR) Public Policy Forum, Library of Michigan, Lansing, MI (May 8).
- M.D. Kaplowitz, F. Lupi, and J.P. Hoehn. 2002. "Economic Equivalency of Wetlands in Michigan." Invited presentation at "Science Based Decisions for the Great Lakes," the Michigan Sea Grant's 25th anniversary seminar, Lansing, MI (April 18).
- S.R. Pennington, M.D. Kaplowitz, and S.G. Witter. 2001. "The Limits of Structural Best Management Practices: Managing Stormwater Pollution at Source." Paper presented at the American Water Resources Association, Albuquerque, NM (November 12).
- J.P. Hoehn, M.D. Kaplowitz, and F. Lupi. 2001. "Incorporating People's Perceptions in Wetland Valuation" Paper presented at the fourth annual Wetlands Regulatory Workshop. U.S. Environmental Protection Agency, Atlantic City, New Jersey (October 31).
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- M.D. Kaplowitz, J.P. Hoehn, and F. Lupi. 2001. "Accounting for Public Perceptions and Knowledge in the Valuation of Wetland Functions." Paper presented at *Urban Wetlands: Protecting & Enhancing the Resource*, the Society of Wetland Scientists 22nd Annual Meeting, Chicago, IL (May 31).
- J.P. Hoehn, M.D. Kaplowitz, and F. Lupi. 2001. "Experiments in Valuing Wetland Ecosystems: Unbundling a Lancasterian Bundle." Paper presented and published proceedings at USDA Western Regional Project W-133: *Benefits & Costs of Resource Policies*. Miami, FL (February 23).
- M.D. Kaplowitz. 2000. "Irrigation under Riparian Law in Michigan." Presentation at Michigan Irrigation: Opportunities and Challenges for Agriculture. MSU's Homer Nowlin Endowment, East Lansing, MI (November 28).
- J.P. Hoehn, F. Lupi, and M.D. Kaplowitz. 2000. "Do Wetlands Kill Trees?: Knowledge as an Input in Ecosystem Valuation." Paper presented and published proceedings at *Stated Preference: What do we know? Where do we go?* EPA National Center for Environmental Economics & National Center for Environmental Research, Washington DC (October 12).
- M.D. Kaplowitz. 2000. "Analysis of the Similarity of Group and Individual Interview Data on Sensitive Topics." Paper presented and published proceedings. 5th Intl. Conf. on Social Science Methodology. Intl. Sociological Assoc., Cologne, Ger. (October 5).
- M.D. Kaplowitz. and P. Machemer. 2000. "Addressing Growth and Preservation with Transferable Development Rights." Paper presented and published proceedings. Land Conservation Summit, Minneapolis, MN.
- M.D. Kaplowitz. 2000. "Uncovering Benefits of West Indian Crown Conch (Melongena melongena) in Yucatán, Mexico." Paper presented and published proceedings. National Shellfisheries Association, Seattle, WA (March 22).
- M.D. Kaplowitz. 2000. "MI Court Decisions, GAAMPS, & the Right to Farm Act: Separating the Wheat from the Chaff." Presentation. Government Policy and Animal Agriculture Workshop. MSU Extension (February 4).
- M.D. Kaplowitz and J. Hoehn. 1998. "Improving Economic Valuation Studies Using Qualitative Methods." Paper presented and published proceedings. 5th Biennial Meeting. Intl. Soc. of Ecological Economists, Santiago, Chile (November).
- M.D. Kaplowitz. 1998. "The Judiciary and the Environment: How Environmental Law is Interpreted by the Bench." Presentation. Training & Research in Environmental Health Workshop. National Institutes for Health. East Lansing, MI (October).
- M.D. Kaplowitz. 1998. "Conflicting Agendas for Coastal Resources in the Yucatán." Paper presented and published proceedings. XXI International Congress. Latin American Studies Association, Chicago, IL (September).

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