
LOUIE RIVERS III<http://www.conservationcriminology.msu.edu/people/rivers.php>

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The School of Criminal Justice*
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APPOINTMENTS

- 2013-present **Assistant Professor.** Department of Forestry and Environmental Resources, North Carolina State University
- 2008-2013 **Assistant Professor.** Environmental Science & Policy Program / Criminal Justice, Michigan State University
- 2006-2008 **Science Assistant.** Economic, Decision, and Management Sciences Cluster, National Science Foundation

PROFESSIONAL PREPARATION

- B.Sc.** Biology, Kentucky State University, 2001
Minor in Chemistry
- M.Sc.** Natural Resources, The Ohio State University, 2003
Concentration in Human Dimensions
- PhD** Natural Resources, The Ohio State University, 2006
Concentration in Risk Perception and Decision-Making

PUBLICATIONS**Peer-Reviewed Articles**

- Gibbs, C., Cassidy, M., **Rivers, L.** (accepted, in publication). Criminal opportunity structures and the global carbon market. *Law & Policy*.
- Larkins, M.J., Gibbs, C., **Rivers, L.**, (accepted, in publication), Toward advancing research on the social and environmental impacts of confined animal feeding operations. *The Journal of Social Criminology*.
- Rivers, L.**, Norris, A. & McGarrell, E. 2012. Mental Model of the Drug Market Intervention. *Journal of Drug Issues*, 42, 1, pp. 59-81.
- Larkins, M.J., Gibbs, C., **Rivers, L.**, Dobson, T. 2012. Expanding Environmental Justice: A Case Study of Community Risk and Benefit Perceptions of Industrial Animal Farming Operations. *Race, Gender & Class*, 19, pp. 218-243.
- Parker, J., Wilson, R., LeJeune, J., **Rivers, L.**, Doohan, D. 2012. An expert guide to understanding grower decisions related to fresh fruit and vegetable contamination prevention and control. *Food Control*, 26, 1, pp. 107-116.
- Rivers, L.** & Gibbs, C. 2011. Applying a Conservation Criminology framework to Common Pool

Natural Resource Issues. *International Journal of Comparative and Applied Criminal Justice*, 35, 4, pp. 327-346.

Gibbs, C., McGarrell, E., Axelrod, M., **Rivers, L.** 2011. Conservation criminology and the Global trade in Electronic Waste: Applying a Multi-Disciplinary Research Framework. *International Journal of Comparative and Applied Criminal Justice*, 35, 4, pp.269-291.

Rivers, L., Arvai, J. & Slovic, P. 2010. Beyond a simple case of black and white: Searching for the White Male Effect in the African American community. *Risk Analysis*, 30, 1, pp. 65-77.

Gibbs, C., Gore, M., McGarrell, E., & **Rivers, L.** 2009. Introducing Conservation Criminology: Towards interdisciplinary scholarship on environmental crimes and risks. *British Journal of Criminology*, 50, 124-144.

Rivers, L., Wilson, R. & Arvai, J. 2008. More than just a message: Risk communication and the decision-making process. Fire Social Science Research From the Pacific Southwest Research Station: Studies Supported by National Fire Plan Funds. United States Department of Agriculture. *General Technical Report PSW-GTR-209 2008*.

Rivers, L., and Arvai, J. 2007. Win some, lose some: The effect of chronic losses on decision making under risk. *Journal of Risk Research*, 10, 1085-1099.

Rivers, L. 2006. A post-Katrina call to action for the risk analysis community. *Risk Analysis*, 26, 1, pp. 1-2.

Arvai, J.L., Campbell, V.E.A., Baird, A., & **Rivers, L.** 2004. Teaching students to make better environmental decisions. *Journal of Environmental Education*, 36, 1, pp. 33-44.

Agency Reports

Arvai, J., Wilson, R., **Rivers, L.** & Froschauer, A. "Environmental Risk Communication." Contracted by the Forest Service and Decision Research (a non-profit research institute based in Eugene, Oregon). Contact Pat Winter for copies at 951-680-1557 or pwinter@fs.fed.us
 - Annotated bibliography focused on environmental risk communication

Edited Volumes

Eds. Arvai, J. & **Rivers, L.** 2013. *Effective Risk Communication*. Earthscan, London.

IN PROGRESS

Rivers, L., Schmitt-Olabisi, L, Marquatt-Pyatt, S, Ligmann-Zielinska, A., Molen, N., Bryant, S., Whitley, C. Mental Models of the Dust Bowl.

GRANT AWARDS

\$1 million – “Drug Market Intervention Program - Training, Technical Assistance, Public Awareness and Outreach” Edmund McGarrell (PI), **Louie Rivers** 15%
 \$3,500 - Environmental Faculty Fellow, Michigan State University (2010-2011)
 Research Theme: Climate change and coupled human and natural systems (2010)

\$218,042 - "Lansing Neighborhood Stabilization and Youth Violence Initiative." Awarding agency: US Dept of Justice, Bureau of Justice Assistance. Edmund McGarrell (PI), Christopher Melde (co-PI), Jesenia Pizarro Terrill (co-PI) and **Louie Rivers** (co-PI) (2009)

\$131,166 - "Chasing Sustainable Well-Being: New Methods and Measures for Sustainability Research." SMEP, internal MSU grant, Michigan State University. Joe Arvai (PI), **Louie Rivers** (co-PI) and Rich Grogan (co-PI). (2009)

\$348,558 - "Drug Market and CAGI Technical Assistance and Research." Awarding agency: US Dept of Justice, Bureau of Justice Assistance. Edmund McGarrell (PI), **Louie Rivers** 15%

\$19,000 - Dissertation Enhancement Grant (SBE-0519551), National Science Foundation (NSF) (2005), Joe Arvai (PI), **Louie Rivers** (co-PI) and Robyn Wilson (co-PI)

\$4,000 - Dissertation Enhancement Grant, Environmental Policy Initiative (EPI), The Ohio State University (2004)

INVITED TALKS, POSTERS & ORAL PRESENTATIONS:

Gibbs, C., McGarrell, E., Axelrod, M., **Rivers, L.** "The Global Trade in Electronic Waste: Research and Policy Implications." Oral Presentation, Annual meeting of the American Society of Criminology (Washington, DC, 2011).

Cassidy, M., Gibbs, C. & **Rivers, L.** "White-Collar Crime in Emerging Carbon Markets." Oral Presentation, Annual meeting of the American Society of Criminology (Washington, DC, 2011)

Norris, A., Dempsey, T., Gibbs, C. & **Rivers, L.** "Third Party Regulators and Environmental Crime: What Drives Consumer Purchasing Decisions?" Oral Presentation, Annual meeting of the American Society of Criminology (Washington, DC, 2011)

Rivers, L. & Gibbs, C. "Integrating Criminological Theory and Decision Research: Implications for Understanding and Addressing Crime in Marginalized Communities." Oral Presentation, Annual meeting of the American Society of Criminology (Washington, DC, 2011)

Rivers, L., Gibbs, C. & McGarrell, E. "Applying a Conservation Criminology framework to Common Pool Natural Resource Issues." Oral Presentation, Annual meeting of the American Society of Criminology (San Francisco, 2010)

Fry, J., Gibbs, C., **Rivers, L.** & McGarrell, E. "Criminal Opportunity Structures & the Global Carbon Market." Oral Presentation, Annual meeting of the American Society of Criminology (San Francisco, 2010)

Rivers, L. "Beyond a simple case of black and white: Searching for the White Male Effect in the African American community." Invited seminar, Duke Nicholas School of the Environment. (Durham, NC September, 2010)

Rivers, L., McGarrell, E. & Norris, A. "Mental models of the drug market intervention initiative: A visual representation." Poster Presentation, Annual meeting of the Society for Risk Analysis (Baltimore, December 2009)

Rivers, L., McGarrell, E. & Norris, A. “Mental models of the Drug Market Intervention Initiative.” Oral Presentation, Annual meeting of the American Society of Criminology (Philadelphia, 2009)

Rivers, Jr., L., **Rivers III, L.**, & Simon, M. “Small scale farmers of African-American descent and contamination events.” Oral Presentation, 5th National Small Farm Conference (Springfield, IL, September 2009)

Rivers, L. "Risk and uncertainty." Opening Speaker for QMRA (quantitative microbial risk assessment) Summer Institute for the Center for Advancing Microbial Risk Assessment (CAMRA), funded by DHS and EPA (East Lansing, MI, August 2009)

Rivers, L. “Structured decision-making.” Oral Presentation, Conference on Strengthening Governance and Leadership through Responsive Citizenship and Innovative Jurisprudence (Manila, Los Banos and Cebu, Philippines, August 2009)

Rivers, L. “A risk analyst, a police officer and an environmentalist all go to a bar...” Oral Presentation, Meet the ESPP New Faculty (East Lansing, MI, March 2009)
<http://espp.msu.edu/news/blog/?tag=louie-rivers>

McGarrell, E., Gibbs, C. and **Rivers, L.** “Citizen concerns with security and environmental risks.” Oral Presentation, Annual meeting of the American Society of Criminology (St. Louis, 2008)

McGarrell, E., Gibbs, C. and **Rivers, L.** “Environmental and security risk perception.” Oral Presentation, Annual meeting of the Society of Risk Analysis (Boston, 2008)

Rivers, L. “The Charlie Brown effect: The affect of chronic loss on the decision making process.” Oral Presentation, Science Assistant Seminar Series, National Science Foundation (Washington, DC, September 27, 2007)

Rivers, L. “Chronic loss and decision-making: Ramifications for climate change policy.” Oral Presentation, DISCCRS III (Dissertations Initiative for the Advancement of Climate Change) Research Symposium (Oahu, Hawaii, September 2007).

Rivers, L. “The Charlie Brown effect: The affect of chronic loss on the decision making process.” Oral Presentation, Society for Risk Analysis Annual Meeting (Baltimore, December 2006)

Rivers, L. “Risk perception among small Black farmers.” Invited Speaker, Small Minorities Agriculture Conference at Kentucky State University (Frankfort, KY, November 2006)

Rivers, L. “Beyond a simple case of Black and White: Searching for the White Male Effect in the African-American community.” Oral Presentation, Society for Risk Analysis Annual Meeting (Palm Springs, CA, December 2004)

SYNERGISTIC ACTIVITIES

- **Invited Participant.** Workshop for the 2013 National Climate Assessment Technical Input Report on Rural Communities (Charleston, SC, 2/13-14/2012)
- **Reviewer.** *Climate Change Education: Goals, Audiences, and Strategies, A workshop Summary* by the National Research Council
- **Mail Reviewer.** Decision, Risk and Management Sciences. *National Science Foundation* (2010)
- **Member.** *Society for Risk Analysis*, Publications committee (2010)
- **Member.** *Society for Risk Analysis*, Program committee for the 2010 annual meeting (2010)
- **Environmental Faculty Fellow.** *Michigan State University* (2010-2011)
 - Research Theme: Climate change and coupled human and natural systems
- **Ad Hoc Reviewer.** *International Journal of Environmental Health Research* (2010)
- **Ad Hoc Reviewer.** *Human Ecology Review* (2010)
- **Chair.** Risk Communication Specialty Group Executive Board. *Society of Risk Analysis* (2009-present)
- **Chair-Elect.** Risk Communication Specialty Group Executive Board. *Society of Risk Analysis* (2008-2009)
- **Ad Hoc Reviewer.** *Risk Analysis* (2007-present)
- **Member.** Risk Communication Specialty Group Executive Board. *Society of Risk Analysis* (2003-present)
- **Member.** Selection Committee. *Dissertation Initiative for the Advancement of Climate Change Research (DISCCRS)* (Portland, OR, November 2009)
 - Selected recent Ph.D. graduates for symposium fostering interdisciplinary research in climate change
- **Mail Reviewer.** Economics Program. *National Science Foundation* (2009)
- **Panel Member.** Urban Long-Term Research Area Exploratory (ULTRA-Ex). *National Science Foundation* (Arlington, VA, July 2009)
- **Chair.** Values & Risk Communication Oral Presentation Session. Annual Meeting of the *Society for Risk Analysis* (December 2007)

TEACHING EXPERIENCE

Co-Instructor, Environmental Science and Policy (ESP) 800: Principles of Environmental Science and Policy
Michigan State University

This team-taught course provides a broad overview of core scholarship areas and key research questions in the intersection of environmental science and policy. It explores the core concepts and research methods of multiple disciplines involved in policy-relevant environmental research.

Instructor, Fisheries and Wildlife 211: Introduction to Gender and Environmental Issues

Michigan State University

The concept of gender is examined in the context of the environment and habitat. Historical gender roles in environmental management, gender-based theoretical perspectives, and case studies on developing and developed countries will be explored.

Co-Instructor, Freshman Seminar Abroad: South Africa, Introduction to Track II: Environment and Environmental Justice in South Africa

Michigan State University

This track we examines the lifestyles of South African peoples in their diverse environment-particularly in relation to political and cultural identity formation in terms of the natural environment. The seminar focuses on the connections between environmental crimes / violations, natural resource management, and issues of environmental justice in the unique post-Apartheid context of South Africa. Two theoretical frames will be used to guide this track: environmental justice and conservation criminology. Environmental justice research examines the unequal distribution of environmental benefits and harms among minority and marginalized communities. Conservation criminology offers a conceptual lens that integrates criminology and criminal justice, conservation and natural resource management, and risk and decision science with the goal of improving evidence-based practices related to environmental crimes and risks.

Instructor, Criminal Justice 292: Methods of Criminal Justice Research

Michigan State University

The primary objective of this course is to familiarize students with different research methodologies used in criminal justice research, with an emphasis on theory development.

Instructor, Criminal Justice 811: Design and Analysis in Criminal Justice Research

Michigan State University

The primary objective of this course is to familiarize students with different research methodologies used in criminal justice research, with an emphasis on theory development and experimental design.

Instructor, Criminal Justice 809: Environmental Risk Perception and Decision-Making

Michigan State University (offered online)

Questions of risk, decision-making and uncertainty are pervasive throughout modern life. This is particularly the case for many environmental issues. This course explores these issues with an emphasis on theory and explanatory case studies. The course has three central goals for students: (1) to become familiar with the theoretical underpinnings of decision-making and risk perception; (2) to be introduced to multiple case studies that examine the interplay of risk perception and decision-making in an environmental and or criminological context; and (3) the development of abilities to apply the concepts and theories examined in class to their personal and professional lives.

PROFESSIONAL SOCIETY MEMBERSHIPS

- Society for Risk Analysis
- Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)
- Alpha Kappa Mu Honor Society (AKM). Inducted 1999