

JAMES THOMAS ERBAUGH

Education

University of Michigan (Ann Arbor, MI), 2018
Ph.D. School for Environment and Sustainability
Certificate in Survey Methodology from the Institute for Social Research
Advisor: Dr. Arun Agrawal
Dissertation: “Forest landscapes and institutional transition: Essays examining sociopolitical and forest-cover change in Indonesia”

University of Oxford (Oxford, Oxfordshire, UK), 2013
M.Phil. Geography and the Environment
Advisor: Dr. Paul Jepson
Thesis: “Governmentalization Beyond the political forest: The formalization of smallholder timber production in northern Central Java”
Graduation with Distinction

Miami University (Oxford, OH), 2008
B.A. Environmental Principles and Practices, Philosophy
Advisor: Dr. Richard Momeyer
Thesis: “Understanding the land ethic”
Magna Cum Laude, Distinguished University Honors, Departmental Honors

Employment

2017-2018 Research Associate, University of Michigan, USA
2016-2017 Fulbright and Borlaug Global Food Security Grantee for Field Research, Jambi, IDN
2014-2016 Graduate Student Instructor, University of Michigan, USA
2011-2013 Graduate Student Instructor, University of Oxford, UK
2010-2011 Fulbright English Teaching Grantee, Central Java, IDN
2008-2010 Middle School Science Teacher with Teach for America, Navajo Nation, NM, USA

Academic Publications

Harbi, J., **Erbaugh, J.**, Sidiq, M., Haasler, B. and Nurrochmat, D. (2018, In Press). Making a bridge between livelihoods and forest conservation: lessons from Non Timber Forest Products’ utilization in South Sumatera, Indonesia. *Forest Policy and Economics*.

Erbaugh, J.T., Oldekop, J. (2018). Forest landscape restoration for livelihoods and well-being. *Curr. Opin. Environ. Sustain.* 32, 76–83. <https://doi.org/10.1016/j.cosust.2018.05.007>

Nurrochmat, D.R., Adi, I., Purwadianto, A., Maryudi, A., Nugroho, I.A., Hardjanto, Purwadianto, A., Maryudi, A., Erbaugh, J.T. (2017). Shifting contestation into cooperation: Strategy to incorporate different interest of actors in medicinal plants in Meru Betiri National Park, Indonesia. *For. Policy Econ.* 83, 162–168. <https://doi.org/10.1016/j.forpol.2017.08.005>

Erbaugh, J.T., Agrawal, A. (2017). Clarifying the landscape approach: A Letter to the Editor on “Integrated landscape approaches to managing social and environmental issues in the tropics.” *Glob. Chang. Biol.* 23, 4453–4454. <https://doi.org/10.1111/gcb.13788>

Erbaugh, J.T., Nurrochmat, D.R., Purnomo, H., 2017. Regulation, formalization, and smallholder timber production in northern Central Java, Indonesia. *Agrofor. Syst.* 91, 867–880. <https://doi.org/10.1007/s10457-016-0037-6>

Ekayani, M., Nurrochmat, D.R., Saharjo, B.H., **Erbaugh, J.T.** (2015). Assessing Conformity of Scientific Voices and Local Needs to Combat Forest Fire in Indonesia 21, 83–91. <https://doi.org/10.7226/jtfm.21.2.83>

Nurrochmat, D.N., Yovi, E.Y., Hadiyati, O., Sidiq, M., **Erbaugh, J.T.** (2015). Changing policies over timber supply and its potential impacts to the furniture industries of Jepara, Indonesia. *J. Manaj. Hutan Trop.* 21, 36–44. <https://doi.org/10.7226/jtfm.21.1.36>

Nurrochmat, D.R.D.R., Dharmawan, A.H.A.H., Obidzinski, K., Dermawan, A., **Erbaugh, J.T.** (2014). Contesting national and international forest regimes: Case of timber legality certification for community forests in Central Java, Indonesia. *For. Policy Econ.* 68, 54–64. <https://doi.org/10.1016/j.forpol.2014.09.008>

Erbaugh, J.T. (2013). *Governmentalization Beyond the Political Forest: The Formalization of Smallholder Timber Production in Northern Central Java*. Master’s Thesis, University of Oxford.

Erbaugh, J.T. (2008). *Understanding the Land Ethic*. Undergraduate Honors Thesis, Miami University, Oxford, Ohio. Available at: <https://etd.ohiolink.edu>

General Writing

Daupan, M., **Erbaugh, J.T.**, Jung, S., Kinzer, A., Liao, C., Sullivan, J., Watkins, C. Agrawal, A. (2018). *Livelihood and Well-Being Survey Tool User Manual for Enumerators [Working Draft]*. Forest and Livelihoods: Assessment, Research, and Evaluation (FLARE), Ann Arbor.

Erbaugh, J.T. (2016, July 26th). Book Review: The challenges behind Indonesia’s agricultural matrix. *The Jakarta Post*. Retrieved from: <http://www.thejakartapost.com/academia/2016/07/26/book-review-the-challenges-behind-indonesias-agricultural-matrix.html>

Erbaugh, J. (2013, June 20th). What is the ‘ecosystem services’ concept? *The Freshwater blog*. Retrieved from: <https://freshwaterblog.net/2013/06/20/what-is-the-ecosystem-services-approach/>

Publications in Progress

Erbaugh, J., and Agrawal, A. The impact of regulatory dispersal on forest-cover change in Indonesia, 2000-2014.

Erbaugh, J. and Brown, D. Tree-Cover gain and land-use leakage in Sumatra, 2000-2014. *Land Use*

Policy. (Invited Contribution)

Erbaugh, J., Pribadi, R., Nurrochmat, D. Change in Indonesian forest policy content, 2000-2014.

Erbaugh, J. Associations between alternative multidimensional poverty measurement and forest-cover loss in Indonesia

Awards and Grants

2017

- Rackham Interdisciplinary Workshop Grant, Rackham Graduate School—Ann Arbor, MI (\$5,000)
- Pre-Doctoral Fellowship, Rackham Graduate School (2017-2018)—Ann Arbor, MI (\$45,000)
- Institute for Social Research Summer Training Award (2017)—Ann Arbor, MI (\$5,400)

2016

- Critical Language Enhancement Grant, US Department of Defense (2016)—Yogyakarta, Indonesia (\$5,000)

2015

- Borlaug Fellowship in International Food Security, USAID and the Center for Global Food Security (2015-2017)—West Lafayette, IN (\$22,000)
- Fulbright Student Research Grant, US Department of State (2016-2017)—Washington, D.C. (\$20,000)
- Individual Fellowship, International Institute (2015)—Ann Arbor, MI (\$5,000)
- Amazon Cloud Computing Grant, Advanced Research Computing (2015)—Ann Arbor, MI (\$500)

2014

- Sustainability Doctoral Fellowship, Dow Sustainability Fellows Program (2014-2016)—Ann Arbor, MI (\$50,000)
- Robert and Judy Marans & Kan and Lillian Chen Fellowship in Sustainability & Survey Methodology, Institute for Social Research (2014-2015)—Ann Arbor, MI (\$11,000)
- Doctoral Pre-Dissertation Fellowship, Social Science Research Council—Brooklyn, NY (\$5,000)
- Student Sponsorship, World Agroforestry Congress 2014, World Agroforestry Centre and Indian Council of Agricultural Research—New Delhi, India (\$3,000)

2013

- Climate Change Resilience Development: Water Demand Management for Improved Adaptation by Small Farmers in Semi-Arid India (Collaborator, Survey Design), Funder: Engility/USAID; Timeline: 2013-2019 (\$168,265)
- Distinction of Thesis Award, Worcester College, University of Oxford—Oxford, UK
- Overall Distinction, University of Oxford (Oxford, UK)

2012

- Fulbright English Teaching Grant—Washington, DC (\$13,000)

2011

- Greatest Classroom Increase in 8th Grade Science Proficiency, New Mexico Public Education Department, Navajo Middle School—Navajo, NM

2010

- Phi Beta Kappa Honors Fraternity—Oxford, OH
 - Distinguished University Honors and Departmental Honors—Oxford, OH
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Selected Conferences and Presentations

Erbaugh, J. (2018). Regulatory dispersal and forest-cover change in Indonesia, 2000-2014. 10 January 2018. Environmental Governance Interdisciplinary Workshop, University of Michigan. Sponsored by Rackham Graduate School.

Erbaugh, J. (2017). Shifting away from the forest transitions theory: Assessing forest-cover and jurisdictional change in Indonesia, 2000-2014. 1 October 2017. Presented and moderated session at FLARE, Stockholm, Sweden. Sponsored by Rackham Graduate School and UK DFID.

Erbaugh, J. (2017). The creation and governance of Indonesian forest landscapes and their impact on village development and rural livelihoods. 18 January, 2017. Presented at AMINEF, Jakarta, Indonesia. Sponsored by American-Indonesian Exchange Foundation

Erbaugh, J. (2017). Conducting research in Indonesia during your Fulbright. 16 June, 2017. Presented and participated as panelist at Fulbright Pre-Departure Orientation Conference, Washington DC, USA. Sponsored by Institute for International Education (IIE) and the Fulbright Program

Erbaugh, J. and Mora, A.M. (2016). Assessing, analyzing, and visualizing Indonesian forest policy, 2000-2015. Presented and moderated session at International Union of Forestry Conference, Bogor, Indonesia. Sponsored by American-Indonesian Exchange Foundation and Borlaug Global Food Security Fellowship.

Erbaugh, J. (2016). Food Security and Forests: The Indonesian Context: Defining, Conceptualizing, and Operationalizing Relationships between Forest Management, Food Security, and Multidimensional Poverty. Presented at Fulbright Southeast Asia Research Conference, Jakarta, Indonesia. Sponsored by American-Indonesian Exchange Foundation.

Erbaugh, J., Ristiano P., Nurrochmat, D. (2015). Engaging sub-national political actors to reduce emissions from deforestation and forest degradation in Indonesia. 28 November 2015. Presented at FLARE Conference, Paris, France. Sponsored by Dow Sustainability Fellowship and Rackham.

Erbaugh, J. (2015). Javanese afforestation: where, how, and why? 23 April 2015. Presented at Association of American Geographers Annual Conference, Chicago, Illinois.

Erbaugh, J. (2014). Bound to fail? The internal limits of the Navajo Forest Products Industry. 28 February, 2014. Presented at Dimensions of Political Ecology, University of Kentucky, Lexington, KY. Sponsored by Rackham Conference Grant

Erbaugh, J. (2014). Security beyond the political forest: Regulation, formalization, and smallholder timber production in northern Central Java. 13 February, 2014. Presented at World Congress of Agroforestry, New Delhi, India. Sponsored by the World Congress of Agroforestry.

Erbaugh, J. (2013). How Can Commercially-Based, Community Forest projects and State-Run Forest Management Inform Each Other in Central Java? 1 May, 2012. Presented at Oxford University School of Geography and Environment, Oxford, UK.

Erbaugh, J. (2008). Understanding the Land Ethic. 21 April, 2008. Presented at Miami University Department of Philosophy, Oxford, Ohio. Guest Presentation.

Research and Teaching Experience

Supervisor, Undergraduate Research Opportunity Program (UROP), 2017-2018
University of Michigan, Ann Arbor

Taught research methods and managed research activities on sustainable energy transitions in the global south for three undergraduate students through the UROP.

Research Consultant, Impact Estimation for UK Department for International Development, 2016-2018
University of Michigan, Ann Arbor and Indonesia

Collaborated on the design, sample, dissemination, and analysis of livelihood and wellbeing surveys and application development to estimate the impact of a suite of development projects aimed at promoting improved forest governance, decreased deforestation, and improved livelihood and wellbeing outcomes in Indonesia

Research Consultant, Gordon and Betty Moore Foundation, 2015-2018
University of Michigan, Ann Arbor

Co-wrote a special issue proposal and coordinated as well as contributed to a special issue linking academics and practitioners around sustainable tropical agriculture.

Instructor, Enumerator Training for University of Jambi students/graduates, Fall 2016
University of Jambi, Jambi (Sumatra, Indonesia)

Planned and taught open-interval sampling, interviewer technique, and electronic survey dissemination in Bahasa Indonesia for 3 students and 5 graduates from the University of Jambi

Graduate Student Instructor, Undergraduate Course, "Sustainability and Society," Fall 2015
Literature, Science, and the Arts Program in the Environment, University of Michigan, Ann Arbor

Developed lesson plans for undergraduate discussion sections, lectured and assessed 80 undergraduate in core-requirement for the Minor in Sustainability

Graduate Student Instructor, Master's Course "International Environmental Governance," Winter 2015
School of Natural Resources and Environment, University of Michigan, Ann Arbor

Assisted with material development and lectured in "International Environmental Governance" for 20 graduate students.

Graduate Student Instructor, Undergraduate Course, "Sustainability and Society," Fall 2014
Literature, Science, and the Arts Program in the Environment, University of Michigan, Ann Arbor

Developed lesson plans for undergraduate discussion sections, lectured and assessed 75 undergraduate in core-requirement for the Minor in Sustainability.

Graduate Student Instructor, School of Geography and Environment, Fall 2013
University of Oxford, Oxford, UK

Developed course material, organized guest DPhil speakers, and lectured for a core Master's-level course "Research Methods"

Instructor, Enumerator Training in Jepara and Gunungwungkal Regencies, Fall 2012
Center for International Forest Research (CIFOR), Bogor, Indonesia

Trained or re-trained local men on survey application in rural Java

Instructor/Grantee, Fulbright ETA, 2010-2011
SMK Farming Pati, Pati, Central Java

English as a Second Language Instructor

Instructor, Navajo Middle School, Navajo, NM , 2008-2010
Teach For America Corps Member—New Mexico
8th Grade Science Lead Teacher,

Coach, Navajo Middle School 8th Grade Boys Basketball Coach, Navajo, NM, 2009-2010
Coached 8th grade boys basketball at Navajo Middle School (Eastern Reservation Junior Men's
Championship)

Coach, Math, Engineering, Science Achievement Founder (MESA), Navajo, NM, 2008-2010
Founded and advised MESA program for minority students in STEM subjects at Navajo Middle
School.

Research Assistant, New England Pine Barrens Forestry Research, 2007
University of Massachusetts-Amherst

Service

Committees:

Interdisciplinary Workshop on Environmental Governance, Graduate Student Coordinator (2017-
2018); Doctoral Organizing Committee, Seminar Chair (2015-2017)

Reviewer:

*Geoforum, Conservation Biology, Global Environmental Conservation, Land Use Policy, World
Development*

Language and Other Skills

English: Native

Indonesian: Advanced

Spanish: Intermediate (reading)

Proficient in: R computing environment; ArcGIS software; Open Data Kit and Qualtrics
electronic survey platforms; Microsoft Office Suite.

Additional training:

Inter-University Consortium for Political and Social Research (Ann Arbor, MI), June-August 2017:
Advanced Mathematics for Social Scientists; Hierarchical Modelling I; Hierarchical Modelling II
Longitudinal Analysis

Critical Language Enhancement at Wisma Bahasa (Yogyakarta, Central Java), January-April 2016:
Advanced Bahasa Indonesia

Teach for America-New Mexico, Gallup-McKinley County School District, and Santa Fe
Community College (Navajo, NM), 2008-2010:
Professional Development; General Pedagogy; Science Instruction

Cape Cod National Seashore, Fire Management Unit (Wellfleet, MA), May-August 2007:
Wildland Firefighting Certification