

# James Thomas (J.T.) Erbaugh

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Post-Doctoral Research Associate, Department of Environmental Studies

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## Education

*University of Michigan*, School of Environment and Sustainability Ph.D., 2018

Advisor: Arun Agrawal, PhD

Dissertation: "Forest landscapes and institutional transition: Essays examining sociopolitical and forest-cover change in Indonesia"

Honors: Certificate in Survey Methodology, the University of Michigan Institute for Social Research

*University of Oxford*, School of Geography and the Environment M.Phil., 2013

Advisor: Paul Jepson, PhD

Thesis: "Governmentalization Beyond the political forest: The formalization of smallholder timber production in northern Central Java"

Honors: Graduation with Distinction

*Miami University*, School of Literature, Science, and the Arts B.A., 2008

Majors: Environmental Principles and Practices, Philosophy

Advisor: Richard Momeyer, PhD

Thesis: "Understanding the land ethic"

Honors: Magna Cum Laude, Distinguished University Honors, Departmental Honors

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## Employment

Postdoctoral Research Associate, Dartmouth College, USA 2018-Present

Research Assistant, University of Michigan, USA 2017-2018

Fulbright and Borlaug Global Food Security Grantee, Jambi, IDN 2016-2017

Graduate Student Instructor, University of Michigan, USA 2014-2016

Graduate Student Instructor, University of Oxford, UK 2011-2013

Fulbright English Teaching Grantee, Central Java, IDN 2010-2011

Middle School Science Teacher with Teach for America, Navajo Nation, USA 2008-2010

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## Publications

### *Academic Publications*

Mcgrath, F., **Erbaugh, J.T.**, Leimona, B., Amaruzaman, S., Rahadian, N., Carrasco, L.R. (2018, *In Press*). Green without envy: how social capital alleviates tensions from a PES program in Indonesia. *Ecology and Society*.

Harbi, J., **Erbaugh, J. T.**, Sidiq, M., Haasler, B., & Nurrochmat, D. R. (2018). Making a bridge between livelihoods and forest conservation: Lessons from non timber forest products' utilization in South Sumatera, Indonesia. *Forest Policy and Economics*, 94, 1-10. <https://doi.org/10.1016/j.forpol.2018.05.011>

**Erbaugh, J.T.**, Oldekop, J. (2018). Forest landscape restoration for livelihoods and well-being. *Current Opinion in Environmental Sustainability*. 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. *Forest Policy and Economics*. 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." *Global Change Biology*. 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. *Agroforestry Systems*. 91, 867-880. <https://doi.org/10.1007/s10457-016-0037-6>

Nurrochmat, D.R., Dharmawan, A.H., Obidzinski, K., Dermawan, A., **Erbaugh, J.T.** (2016). Contesting national and international forest regimes: Case of timber legality certification for community forests in Central Java, Indonesia. *Forest Policy and Economics*. 68, 54-64. <https://doi.org/10.1016/j.forpol.2014.09.008>

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. *Jurnal Manajemen Hutan Tropis*. 83-91.

**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. <https://doi.org/10.7226/jtfm.21.2.83>

**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. 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.T.** (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/>

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### **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). Forest transitions and insitutional change in Indonesia (Job Talk). 9 May 2018. Department of Environmental Studies, Dartmouth College. Invited Presentation.

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 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 Graduate School.

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 Graduate School.

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. Invited Presentation

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## Research and Teaching Experience

Instructor, Graduate Seminar in Environmental Governance and Empirical Analysis 2019  
Dartmouth College Designed and taught graduate seminar to graduate students on empirical, institutional analysis of environmental governance during Winter Term, 2019.

Supervisor, Undergraduate Research Opportunity Program (UROP) 2017-2018  
University of Michigan  
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 DFID 2016-Present  
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  
Co-wrote a special issue proposal and coordinated 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  
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  
Developed lesson plans for undergraduate discussion sections, lectured and assessed 80 undergraduate in core-requirement for the Minor in Sustainability

Graduate Student Instructor, "International Environmental Governance," Winter 2015  
School of Natural Resources and Environment, University of Michigan  
Assisted with material development and lectured in "International Environmental Governance" for 20 graduate students

Graduate Student Instructor, "Sustainability and Society," Fall 2014  
Literature, Science, and the Arts Program in the Environment, University of Michigan  
Developed lesson plans for undergraduate discussion sections, lectured and assessed 75 undergraduate in core-requirement for the Minor in Sustainability



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