

# James Thomas (J.T.) Erbaugh

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NSF Postdoctoral Fellow in Social, Behavioral, and Economic Sciences

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## Education

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

Advisor: Arun Agrawal, PhD

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

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

Advisor: Paul Jepson, PhD

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

Honors: Magna Cum Laude, Distinguished University and Departmental Honors, Phi Beta Kappa

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## Employment

Postdoctoral Research Fellow, National Science Foundation, USA 2020

Postdoctoral Research Associate, Dartmouth College, USA 2018-2019

Research Assistant, DFID, UK and 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

### *Peer-Reviewed Articles*

**Erbaugh, J. T.** (2019). Responsibilization and social forestry in Indonesia. *Forest Policy and Economics*, 109. <https://doi.org/10.1016/j.forpol.2019.102019>.

**Erbaugh, J. T.**, Bierbaum, R., Castilleja, G., da Fonseca, G.A.B., Hansen, S.C.B., (2019). Toward sustainable agriculture in the tropics. *World Development*, 121, 158–162. <https://doi.org/10.1016/j.worlddev.2019.05.002>

**Erbaugh, J. T.** & Nurrochmat, D. R. (2019). Paradigm shift and business as usual through policy layering: Forest-related policy change in Indonesia (1999-2016). *Land Use Policy*, 86, 136-146. <https://doi.org/10.1016/j.landusepol.2019.04.021>

**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>

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>

Mcgrath, F., **Erbaugh, J. T.**, Leimona, B., Amaruzaman, S., Rahadian, N., Carrasco, L.R. (2018). Green without envy: How social capital alleviates tensions from a PES program in Indonesia. *Ecology and Society*, 23(4):10. <https://doi.org/10.5751/ES-10181-230410>

**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., 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>

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>

#### *In Progress*

**Erbaugh, J. T.**, Pradhan, N., Adams, J., Oldekop, J., Agrawal, A., Pritchard, R., Brockington, D., Chhatre, A. (Under Review). "Forest landscape restoration must consider and include local people." *Nature Ecology and Evolution*.

**Erbaugh, J. T.** (In Prep). "When PES doesn't pay: The legacy of voluntary conservation agreements surrounding Kerinci-Seblat National Park." *Ecological Economics*.

Onder, S., **Erbaugh, J. T.** (In Prep). "Asian Deforestation." *Oxford Research Encyclopedia of Environmental Science*.

#### *General Writing*

Daupan, M., **Erbaugh, J. T.**, Jung, S., Kinzer, A., Liao, C., Sullivan, J., Watkins, C. Agrawal, A. (2018). Liv-Well Survey Tool User Manual. FLARE Group, 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/>

#### *Dissertation and theses*

**Erbaugh, J. T.** (2018). "Forest landscapes and institutional transition: Essays examining sociopolitical and forest-cover change in Indonesia." (PhD dissertation). University of Michigan. Retrieved

from <https://deepblue.lib.umich.edu/>

**Erbaugh, J. T.** (2013). "Governmentalization beyond the political forest: The formalization of smallholder timber production in northern Central Java." (MPhil thesis). University of Oxford.

**Erbaugh, J. T.** (2008). "Understanding the land ethic." (Undergraduate honors thesis). Miami University. Retrieved from <https://etd.ohiolink.edu/>

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## **Awards and Grants**

- 2019 Regulatory Transition and Forest Outcomes (PI), NSF (\$148,000)
  - 2018 Woody biomass energy in the Northern Forests (Co-PI), Irving Institute (\$50,000)
  - 2017 Rackham Interdisciplinary Workshop Grant, Rackham Graduate School (\$5,000)  
Pre-Doctoral Fellowship, Rackham Graduate School (\$45,000)  
Institute for Social Research Summer Training in Survey Methods Award (\$5,400)
  - 2016 Critical Language Enhancement Grant, US Department of Defense (\$5,000)
  - 2015 Borlaug Fellowship, USAID and the Purdue Center for Global Food Security (\$22,000)  
Fulbright Student Research Grant, US Department of State (\$20,000)  
Individual Fellowship, University of Michigan International Institute (\$5,000)  
Amazon Cloud Computing Grant, Advanced Research Computing (\$500)
  - 2014 Sustainability Doctoral Fellowship, Dow Sustainability Fellows Program (\$50,000)  
Marans & Chen Fellowship in Survey Methods, Institute for Social Research (\$11,000)  
Doctoral Pre-Dissertation Fellowship, Social Science Research Council (\$5,000)  
Student Sponsorship, World Agroforestry Congress (\$3,000)
  - 2013 Climate Change Resilience Development: (Collaborator), Engility/USAID (\$168,265)
  - 2010 Fulbright English Teaching Grant, US Department of State (\$13,000)  
Greatest Increase in 8th Grade Science Proficiency, NM Public Education Department
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## **Conferences and Presentations**

Erbaugh, J. (2019). Guest lecturer. Environmental governance and forest policy in Southeast Asia. Boston University: Southeast Asian Politics.

Erbaugh, J. (2019). Workshop leader and presenter. The Sustainability and Development Conference: Ann Arbor, MI. Sponsored by UK DFID.

Erbaugh, J. (2019). Guest lecturer. Indonesian forest cover change. Dartmouth College: Ecological Economics.

Erbaugh, J. (2019). Invited participant. Workshop to Enhance Collaboration Between U.S. and Indonesia in Biodiversity and Conservation Research: Bogor, Indonesia. Sponsored by the National Science Foundation.

Erbaugh, J. (2019). Invited presenter/participant. The conservation legacy of Kerinci-Seblat National Park. Workshop on Conservation Legacies: Urbana and Chicago, IL. Sponsored by the University of Illinois and MacArthur Foundation.

Erbaugh, J. (2019). Invited participant. Incorporating Small-Holders into High Carbon Stock Oil Palm Planning: Yogyakarta, Indonesia. Sponsored by the SNAPP: Zero-Deforestation Landscapes Project.

Erbaugh, J. (2018). Presenter/moderator. Sustainable development and forest cover change in Indonesia. Sustainable Development Conference: Ann Arbor, MI. Sponsored by Dartmouth College.

Erbaugh, J. (2018). Presenter. The impact of regulatory dispersal on forest cover in Indonesia. Dartmouth College: Ecology, Evolution, Environment and Society Lunches.

Erbaugh, J. (2018). Presenter/moderator. The impact of regulatory dispersal on forest cover in Indonesia. FLARE Conference: Copenhagen, Denmark. Sponsored by Dartmouth College.

Erbaugh, J. (2018). Invited presenter. Forest transitions and insitutional change in Indonesia (Job Talk). Dartmouth College: Program in Ecology, Evolution, Environment and Society. Sponsored by Dartmouth College.

Erbaugh, J. (2017). Presenter/moderator. Shifting away from the forest transitions theory. FLARE Conference: Stockholm, Sweden. Sponsored by UK DFID.

Erbaugh, J. (2017). Invited presenter. The governance of Indonesian forest landscapes and their impact on village development and rural livelihoods. American-Indonesian Exchange Foundation (AMINEF): Jakarta, Indonesia. Sponsored by AMINEF.

Erbaugh, J. and Mora, A.M. (2016). Presenter/moderator. Assessing, analyzing, and visualizing Indonesian forest policy, 2000-2015. The International Union of Forestry Organizations (IUFRO) Conference: Bogor, Indonesia. Sponsored by the Borlaug Global Food Security Fellowship.

Erbaugh, J. (2016). Invited presenter. Food Security and Forests: The Indonesian Context. Fulbright Southeast Asia Research Conference: Jakarta, Indonesia. Sponsored by AMINEF.

Erbaugh, J., Ristianto P., Nurrochmat, D. (2015). Presenter. Engaging sub-national political actors to reduce emissions. FLARE Conference: Paris, France. Sponsored by the Rackham Graduate School.

Erbaugh, J. (2015). Presenter. Javanese afforestation: where, how, and why? The Association of American Geographers Annual Conference: Chicago, Illinois.

Erbaugh, J. (2014). Presenter. Bound to fail? The internal limits of the Navajo Forest Products Industry. The Dimensions of Political Ecology: University of Kentucky-Lexington, KY. Sponsored by the Rackham Graduate School.

Erbaugh, J. (2014). Invited presenter. Security beyond the political forest. The World Congress of Agroforestry (WCA): New Delhi, India. Sponsored by the WCA.

Erbaugh, J. (2013). Invited presenter. How can commercially-based, community forest projects and state-run forest management inform each other in Central Java? Oxford University: School for Geography and Environment.

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## Teaching Experience

### *Instructor of Record*

- 2019 ENVS 65: Global Environmental Politics, Dartmouth College  
EEES 136: Environmental Governance and Empirical Analysis, Dartmouth College  
2016 Household Survey Enumeration, University of Jambi

### *Graduate Student Instructor*

- 2015 ENVIRON 207: Sustainability and Society, University of Michigan  
NRE 563: International Environmental Governance, University of Michigan  
2014 ENVIRON 207: Sustainability and Society, University of Michigan  
2013 Social Science Research Methods, University of Oxford

### *Classroom Teacher*

- 2010-11 High School English, SMK Farming Pati and Fulbright Program  
2008-10 8th Grade Science, Navajo Middle School and Teach for America

## Research Experience

### *Research Consultant*

- 2016-19 Impact Estimation, UK DFID and FLARE Group  
2015-18 Sustainable Agriculture in the Tropics, Gordon and Betty Moore Foundation

### *Supervisor*

- 2018-19 Undergraduate Research, Dartmouth College  
2017-18 Undergraduate Research Opportunity Program (UROP), University of Michigan

### *Research Assistant*

- 2013-14 Survey Design, University of Michigan  
2007 Forest and Fire Field Ecology, University of Massachusetts

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## Service

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

Reviewer: *Conservation Biology, Forest Policy and Economics, Forests, Forests and Society, Geoforum, Global Environmental Conservation, Land Degradation and Development, Land Use Policy*, Swiss National Science Foundation, *World Development*

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## Language and Other Skills

### *Languages*

- English: Native  
Indonesian: Advanced  
Spanish: Intermediate (reading)

Software: R computing environment; ArcGIS Suite; Open Data Kit and Qualtrics electronic survey platforms; LaTeX document preparation; 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 and Gallup-McKinley County School District (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

National Outdoor Leadership School (NOLS), August 2005: Backcountry living and environmental  
ethics