

Timothy Daniel Ravis

Field of Development Studies
Department of Global Development
Southeast Asia Program (SEAP)
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I am a geographer and urban planner with expertise in geographic information science, spatial data science, and development planning. In the past, I have researched localized schemes to prevent the spread of foreclosure in US cities; the challenges of decentralization and regional spatial planning in Indonesia; and how sociocultural institutions shape urbanization patterns in India. I have also worked for, among others, the Indonesia Infrastructure Initiative, the World Bank, and the UN Pulse Lab on related topics. My doctoral research in Indonesia focuses on how relations between state, society, and the environment have been shaped by and through the exploration, extraction, and distribution of underground energy resources.

EDUCATION

2020-2025	Cornell University, College of Agricultural and Life Sciences (Expected)	Ph.D. Development Studies
2018-20	Harvard Graduate School of Design	M.U.P. Master of Urban Planning
2013-15	University of Connecticut	M.A. Geography + Graduate Certificate in GIS
2006-10	Tufts University	B.A. Political Science

FELLOWSHIPS and SCHOLARSHIPS and GRANTS

External

2024-25	Fulbright-Hays Fellowship United States Department of Education
2023	Research Fellowship American Institute for Indonesian Studies–Council of American Overseas Research Councils (AIFIS–CAORC)
2021-22	Foreign Language & Area Studies (FLAS) Fellowship Bahasa Indonesia & Southeast Asia
2020	Critical Language Scholarship (CLS Swahili (cancelled, Covid-19)
2015-16	Fulbright U.S. Student Research Grant Urban Planning & Policy, Indonesia
2015	Fulbright Critical Language Enhancement Award Bahasa Indonesia (declined, scheduling)

Internal

2023	Graduate Research Grant Cornell Atkinson Center for Sustainability
2023	Qualitative & Interpretive Research Institute Small Grant Cornell Center for Social Sciences
2023	Research Travel Grant Cornell University Einaudi Center for International Studies
2023	Nancy Loncto Research Fellowship Cornell Southeast Asia Program
2023	Critical Development Studies Working Group Grant Cornell Polson Institute
2022	Cornell RANA Prize Cornell Global Development
2022	Dissertation Proposal Development Program Cornell University Einaudi Center for International Studies
2022	Research Travel Grant Cornell Graduate School
2020–25	Dean's Excellence Sage Fellowship Cornell University Graduate School
2020-21	Land & Data Working Group Grant Cornell Media Studies
2020-21	Development and the State Research Working Group Grant Cornell Polson Institute
2019	Winter Research Grant (fieldwork, Indonesia) Harvard Asia Center
2019	Heffernan Prize Harvard Graduate School of Design
2019	Summer Research Grant (UN Pulse Lab, Jakarta) Harvard Asia Center
2019	Community Service Fellowship (UN Pulse Lab, Jakarta) Harvard Graduate School of Design (declined, duplicate)
2018–20	Harvard Presidential Scholarship Harvard University & Graduate School of Design
2014	Thesis Research Fellowship University of Connecticut Graduate School
2014	Summer Research Fellowship University of Connecticut Geography Department

PUBLICATIONS

Refereed Articles

- 2020 Ravis, T. and Notkin, B. "Urban Bites, Agrarian Bytes: Digital Agriculture and Extended Urbanization." *Berkeley Planning Journal* 31: 100-122.

Other

- 2019 Bablon, G., Ravis, T., Notkin, B., Su, R. "Oil Palm Plantations: Stop This," *Domus* 1038: 856-861.
- 2019 Ravis, T. "State Simplifications and the Changing Landscapes of the Globalizing South." *Harvard Urban Review*, Spring 2019.

TALKS and PANELS and REVIEWS

- 2023 Annual Meeting, Association of American Geographers
Energetic Geographies (panel presentation)
"The Tectonics of Power: Earth, Energy, and State Formation"
- 2023 Annual Meeting, Association of American Geographers
Practicing the Subsurface (panel presentation with Tamar Law)
"Bathopolitics: Depth, Affect, and Materiality in the Subterranean"
- 2023 Dimensions of Political Ecology
Discussion Chair with Kai Bosworth
"Affect and Extraction"
- 2022 Nature and Society Workshop
Panel Chair with Jennifer Baka
"Geothermal Energy"
- 2020 University of Sydney, Australia
Final Guest Critic
MARC4002: Sustainable Architecture Research Studio, SE Asia
- 2020 Annual Meeting, Assoc. of American Geographers (cancelled, Covid-19)
New Research Perspectives on Asia (panel presentation)
"Unconscionable Maps: Standardizing Space in a Post-Colony"
- 2016 Bandung Institute of Technology, Indonesia
Department of Architecture and Planning (invited talk)
"Multilevel Governance & State Rescaling in Indonesia & the US"
- 2015 Gadjah Mada University, Indonesia
Department of Urban and Regional Planning (invited talk)
"Suburbanization and American Housing Policy: A Brief History"
- 2014 University of Connecticut
Department of Geography (invited talk)
"The Geographies of 21st Century Urbanization"
- 2014 University of Connecticut
Department of Geography (invited talk)

“The Crisis in Ukraine, or: What is (Political) Geography?”

EMPLOYMENT and SERVICE (non-teaching)

2023	Cornell Polson Critical Development Workshop Co-organizer & Chair
2022-23	Cornell Southeast Asia Program Chair, Cornell SEAP Graduate Conference
2022-23	Cornell Southeast Asia Program Graduate Student President
2021-23	Development Sociology Graduate Student Collective Treasurer
2020-22	Cornell Southeast Asia Program Graduate Conference Planning Committee
2018-20	Harvard University & Massachusetts Institute of Technology Research Assistant Prof. Sai Balakrishnan & Prof. Arindam Dutta
2018-20	Harvard Urban Forum Managing Editor
2017-18	World Bank, Jakarta Short-Term Consultant Trade & Competitiveness
2016-17	Indonesian Infrastructure Initiative Impact Evaluation Advisor
2016-19	Center for Youth and Community Board Member
2016	Save the Children Indonesia Short Term Research Consultant, development practices
2016	Yayasan Kota Kita Volunteer, Program Development & Communications
2015	New York City Department of City Planning Intern, Geographic Systems Research
2014	Northeastern University Law Lab Volunteer, GIS Applications
2012-15	Center for Youth and Community Research Assistant, “Rites of Passage & Youth Development” Publication: Blumenkrantz, D.G. 2016. Coming of Age the Rite Way. Oxford University Press.

TEACHING EXPERIENCE

Instructor

- 2015 University of Connecticut
 Geog 1000: Introduction to Geography
- 2011–13 English as a Second Language
 Nam-Gwangju ECC & Pohang SLP, South Korea

Teaching Assistant

- 2022-23 Cornell University
 GDEV 3140: Spatial Analysis, GIS, and other Methods
 GDEV 3045/4045: Data and Development
 GDEV 4290/5290: Introduction to Data Science with R
- 2019 Harvard University
 SES 5052: Urban Governance & the Politics of Planning in the Developing World
- 2013–15 University of Connecticut
 Geog 1000: Introduction to Geography
 Geog 1700: World Regional Geography
 Geog 2100: Economic Geography

PROFESSIONAL MEMBERSHIPS

- American Planning Association (APA)
- Association of American Geographers (AAG)
- Royal Geographical Society—Institute for British Geographers (RGS-IBG)
- Koninklijk Nederlands Aardrijkskundig Genootschap / Royal Dutch Geographical Society (KNAG)

SOFTWARE and PROGRAMMING PROFICIENCY

- Programming Languages: *R*, *SQL*, *Python* (*learning*), *JavaScript* (*learning*)
- GIS: *ArcGIS*, *QGIS*, *Google Earth Engine*
- Statistics & Visualization: *R*, *Tableau*, *SPSS*, *Pandas* (*learning*)
- Data Management: *PostgreSQL*, *PostGIS*
- Qualitative Data Analysis: *MaxQDA*, *NVivo*
- Design: *Adobe Illustrator*, *Adobe inDesign*, *Rhinoceros* (*learning*)
- Other: *Microsoft Office*, *Scrivener*, *Ulysses*

LANGUAGE SKILLS

- English (native)
- Bahasa Indonesia (advanced)
- Dutch (intermediate reading)

HOBBIES

Cycling & bicycle repair; hiking & camping; photography; creative writing; foreign languages; meditation (zazen and vipassana)

INTERNATIONAL EXPERIENCE

- Indonesia (3.5 years)
- Israel (5 months)
- Netherlands (6 months)
- South Korea (2 years)