

Curriculum Vitae

John Sames Felkner

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General Information

University address: Urban & Regional Planning
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Professional Preparation

2001 DDes, Harvard University. Major: Urban and Regional Planning. International Planning. Supervisor: Carl Steinitz. Harvard Kennedy Fellowship.

Felkner, J. S. (2001). *A digital spatial predictive model of land-use change using economic and environmental inputs and a statistical tree classification approach: Thailand, 1970s--1990s*. Unpublished doctoral dissertation, Harvard University. Retrieved from <http://adsabs.harvard.edu/abs/2000PhDT.....95F>, ISBN: 9780599957879.

1996 Masters, University of California, Santa Barbara. Major: Geography. Supervisor: Michael Goodchild.

Felkner, J.S. (1996). *International Geospatial Data Policy*. Unpublished master's thesis, University of California, Santa Barbara.

1987 B.A. Honors, Williams College. Major: English Literature.

Nondegree Education and Training

2002–2005 Postdoctoral Research, Department of Economics, University of Chicago and Academic Research Centers, NORC at the University of Chicago.

Professional Experience

- 2015–present Research Affiliate, Center for Demography, Population and Health (CDPH), Florida State University.
- 2013–present Assistant Professor, Urban & Regional Planning, Florida State University.
- 2009–present Research Affiliate, Population Research Center, University of Chicago.
- 2007–present Consultant, The World Bank. Consultant to World Bank studies of urbanization and transportation analysis and simulations in Kenya, Egypt, Tanzania, Rwanda, Ethiopia, Sri Lanka, and Russia, 2007-present.
- 2013 Visiting Scholar in Residence, Siem Reap, Cambodia, The Center for Khmer Studies (khmerstudies.org). Conducted research on regional water sustainability and planning under funding by National Science Foundation (NSF) Water Sustainability and Climate (WSC, Solicitation 11-551) grant "Integrative Modeling of the Interactions, Connectivity and Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Basin" (1204609)). In residence in Siem Reap, Cambodia, Summer 2013.
- 2006–2013 Consultant, The Millennium Challenge Corporation (mcc.gov). Conducted socio-economic impact evaluation of infrastructure and education improvement programs in Republic of Georgia (U.S. \$200 program), Honduras (U.S. \$80 program), Tanzania, Ghana and Benin. Designed and implemented quasi-experimental and model-based evaluation designs using pre/post primary data collected in country.
- 2012 Visiting Professor, Urban & Regional Planning, Florida State University.
- 2006–2012 Research Scientist, Academic Research Centers; International Programs, NORC at the University of Chicago (norc.org). Conducted socio-economic impact evaluation of urbanization and transportation projects in Republic of Georgia, Ghana, Honduras, Benin, Sri Lanka and Egypt for the World Bank and the Millennium Challenge Corporation. Conducted analysis of census and survey data for the World Bank and for The Consortium on Financial Systems and Poverty (cfsp.org). Survey design and administration, econometric analysis. Project Director for several international consulting projects.

Honors, Awards, and Prizes

Kennedy Doctoral Fellowship, Harvard University (1999).

Teaching

Courses Taught

International Transportation Planning (URP5939)
Urban & Regional Information Systems (URP5272)
Strategies for Urban and Regional Development in Less-Developed Countries (URP5611)
Directed Independent Study: Social Impact Assessment (URP5905), Spring 2014, Kristen Murray
Directed Independent Study: Relationship Between Urban Form and Urban Sustainability, Summer 2015, Long Chen
Urban Economics: The University of Chicago, 2007-2012
Spatial Economics: The University of Chicago, 2005-2009

New Course Development

International Transportation Planning (2013)
Strategies for Urban and Regional Development in Less-Developed Countries (2012)

Doctoral Committee Cochair

Chen, L., doctoral candidate. *The Relationship Between Urban Form and Urban Sustainability*.
[Acting Chair of Committee and primary adviser]

Doctoral Committee Member

Akinyemi, S. A., doctoral candidate.
Murray, K. M., doctoral candidate.
Ramos, E., doctoral candidate.
Valdez, Y., doctoral candidate.

Master's Committee Chair

Van De Burgt, Peter, graduate. (2013). *Planning The Development of Transportation Infrastructure in the Democratic Republic of Congo: Promoting Economic Development, Political Stability, Environmental Preservation and Natural Resource Management*. [Chair of Peter Van De Burgt's successful Directed Independent Research (DIR)]

Master's Committee Member

Filaroski, T., graduate. (2016). *Efficacy of Florida Transportation Policies Towards The Aging Population*. [Directed Independent Research (DIR)]

McGinchey, D., graduate. (2016). *Open Data Approaches*. [Directed Independent Research (DIR)]

Supervision of Student Research Not Related to Thesis or Dissertation

Chen, L. (May–Aug 2015).

Supervised Doctoral Candidate Long Chen for Directed Independent Study (DIS).

Murray, K. (Jan–May 2014).

Supervised PhD Student Kristin Murray for Directed Independent Study (DIS).

Research and Original Creative Work

Publications

Published or In Press Peer-Review Papers or Book Chapters

Felkner, J. S., Shaikh, S., Kolata, A., & Binford, M. (2016). Scientific Research Priorities for Water Sustainability Planning and Management in the Lower Mekong Region. *Cambodian Journal of Natural History*, In Press.

Felkner, J. S., & Townsend, R. M. (2011). The Geographic Concentration of Enterprise in Developing Countries. *Quarterly Journal of Economics*, 126(4), 2005–2061.
doi:10.1093/qje/qjr046

Felkner, J., Tazhibayeva, K., & Townsend, R. M. (2009). Impact of Climate Change on Rice Production in Thailand. *The American Economic Review*, 99(2), 205–210.

Brown, D., Fay, M., Lall, S. V., Wang, H. G., & Felkner, J. (2008). Death of Distance? Economic Implications of Infrastructure Improvement in Russia. *European Investment Bank (EIB) Papers*, 13(2), 126–147.

Hoffman, A. von, & Felkner, J. (2006a). Cultural and Demographic Factors in Urban Decentralization in the United States—An Historical Overview. In W. Acevedo, J. L. Taylor, D. J. Hester, C. S. Mladinich, & S. Glavac (Eds.), *Rates, Trends, Causes, and Consequences of Urban Land-Use Change in the United States* (p. 200). US Geological Survey. ISBN: 9781411310469

- Hoffman, A. von, & Felkner, J. (2006b). Economic Aspects of Urban Decentralization in Historical Perspective. In W. Acevedo, J. L. Taylor, D. J. Hester, C. S. Mladinich, & S. Glavac (Eds.), *Rates, Trends, Causes, and Consequences of Urban Land-Use Change in the United States* (pp. 33–43). US Geological Survey. ISBN: 9781411310469
- Felkner, J. S., & Binford, M. W. (2002). Modeling a Soil Moisture Index Using Geographic Information Systems in a Developing Country Context. In *Handbook for Water Sensitive Planning and Design*. CRC Press LLC. ISBN: 1-56670-562-2
- France, R., Felkner, J., Flaxman, M., & Rempel, R. (2002). Spatial and Economic Investigation of Applying Ontario's Timber Management Guidelines: GIS Analysis for Riparian Areas of Concern. In *Handbook for Water Sensitive Planning and Design*. CRC Press LLC. ISBN: 1-56670-562-2
- Von Hoffman, A., & Felkner, J. (2002). The Historical Origins and Causes of Urban Decentralization in the United States. Harvard Joint Center for Housing, W02-1.

Refereed Monographs

- # Von Hoffman, A., & Felkner, J. (2002). *The historical origins and causes of urban decentralization in the United States*. Joint Center for Housing Studies, Graduate School of Design and John F. Kennedy School of Government, Harvard University. Retrieved from <http://www.jchs.harvard.edu/research/publications/historical-origins-and-causes-urban-decentralization-united-states>

Refereed Proceedings

- Linkow, B., Felkner, J., & Lee, H. (2015). Economic Impact Evaluation of Highway Improvements in The Republic of Georgia Using a Robust Quasi-Experimental Design and Geographic Information System Data. In *Transportation Research Board (TRB) 94th Annual Meeting 2015*. Washington, DC.
- 15-2875, Session 454: Transportation Economic Growth and Development Linkage Assessments: International Examples.
- Felkner, J., Townsend, R., & Tazhibayeva, K. (2012). The impact of climate change on rice yields: The importance of heterogeneity and family networks. In *Nobel Symposium on Growth and Development*. Institute for International Economics, Stockholm, Sweden. Retrieved from <http://www.cfsp.org/publications/working-papers/impact-climate-change-rice-yields-importance-heterogeneity-and-family-ne#.Vdk0iPnCM1w>

Presentations

Invited Papers at Conferences

For invited papers at conferences, 85.7% were international, 14.3% were national in scope.

Felkner, J., Lall, S., & Lee, H. (presented 2015, December). *Road Expansion and Inferred Local Growth*. Paper presented at Spatial Development of African Cities, The World Bank Group, Africa Chief Economist Office, Washington, DC. (International)

Felkner, J., & Joubert, P. (presented 2013, September). *Cost-Benefit Analysis of Honduran Road Improvements Using HDM-4*. Paper presented at Peer-Review Workshop on Socio-Economic Impact Evaluations of Road Improvements, Millennium Challenge Corporation (MCC), Washington, DC. (International)

Felkner, J., & Binford, M. (presented 2013, June). *Water Sustainability in the Lower Mekong Region of Southeast Asia*. Paper presented at WWF Cambodia Conference on Ecosystem Service Modeling, WWF, Phnom Penh, Cambodia. (International)

Felkner, J., & Joubert, P. (presented 2013, May). *Socio-Economic Impact Evaluation of Honduran Road Improvements*. Paper presented at Review of MCC Honduran Compact Programs, Cuenta Del Milenio, Honduras (<http://www.mcahonduras.hn/>), Tegucigalpa, Honduras. (National)

Felkner, J. (presented 2012, November). *Invited Panelist on Socio-Economic Impact Evaluation of Infrastructure Projects*. Paper presented at Annual Impact Evaluation Conference, Millennium Challenge Corporation (MCC), Washington, DC. (International)

Felkner, J. (presented 2011, January). *Invited Panelist: Use of Geographic Information Systems In NORC Infrastructure Evaluation Projects*. Paper presented at Inaugural Impact Evaluation Conference, Millennium Challenge Corporation (MCC), Washington, DC. (International)

Felkner, J., & Townsend, R. M. (presented 2005, October). *Socio-Economic Development in Rural Villages in Thailand*. Paper presented at World Bank China Conference on Chinese Economic Development, The World Bank, Beijing, China. (International)

Refereed Papers at Conferences

For refereed papers at conferences, 100.0% were international in scope.

Felkner, J., Linkow, B., & Lee, H. (presented 2015, November). *Transportation assessments in developing countries: impact evaluation of socio-economic impacts of The Millennium Challenge Corporation (MCC) road improvements in the Republic of Georgia using a quasi-experimental design*. Paper presented at Association of Collegiate Schools of

Planning (ACSP) Annual Meeting, Association of Collegiate Schools of Planning (ACSP), Houston, TX. (International)

Felkner, J., Linkow, B., & Lee, H. (presented 2015, January). *Economic Impact Evaluation of MCC Road Improvements in the Republic of Georgia, 2008-2010*. Paper presented at Transportation Research Board (TRB), 2015 Annual Meeting, Transportation Research Board (TRB), Washington, DC. (International)

Selected for Podium Presentation based on 2-round blind peer-review: paper rated by reviewers 4.3 on a 1-5 scale for "Long-term value as a research reference or description of practice".

Felkner, J. (presented 2014, November). *Urban and Regional Planning Implications of Socio-Ecological Systems Changes in Cambodia*. Paper presented at Association of Collegiate Schools of Planning (ACSP) Annual Meeting, Association of Collegiate Schools of Planning (ACSP), Philadelphia, PA. (International)

Nonrefereed Papers at Conferences

For nonrefereed papers at conferences, 100.0% were international in scope.

Felkner, J., Linkow, B., & Lee, H. (presented 2014, April). *Economic and Social Impact Evaluation of Infrastructure Improvements using a Quasi-Experimental Double-Difference Design*. Paper presented at American Association of Geographers (AAG) Annual Meeting, American Association of Geographers (AAG) Annual Meeting, Tampa, FL. (International)

Invited Keynote and Plenary Presentations at Conferences

For invited keynote and plenary presentations at conferences, 100.0% were international in scope.

Felkner, J. (presented 2015, December). *Food, Energy, Water (FEW) Integrated Frameworks: A Review Of Prominent Developed Frameworks From Around The world*. Plenary presentation at River FEWs: Workshop to Explore the Nexus Between Food, Energy, and Water in a Large International River System, University of Washington; Florida State University, Seattle, WA. (International)

Felkner, J. (presented 2013, June). *Integrated Research on Lower Mekong Water Sustainability*. Plenary presentation at Integrating Modeling of the Interactions, Connectivity, and Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Basin, National Science Foundation (NSF); Center for Khmer Studies (khmerstudies.org), Siem Reap, Cambodia. (International)

Invited Workshops

For invited workshops, 100.0% were international in scope.

- Felkner, J., Linkow, B., & Lee, H. (2014, May). *Samtskhe-Javakheti Roads Activity: Impact Evaluation*. Workshop delivered at The Africa Region Sustainable Development Department, Brown Bag Luncheon (BBL), Washington, DC. (International)
- # Felkner, J. (2011, May). *Socio-Economic Impact Evaluation Methodologies for Foreign Development Projects: Experiences from Republic of Georgia, Honduras, Ghana and Egypt*. Workshop delivered at NORC at the University of Chicago (norc.org), Chicago, IL. (International)
- # Felkner, J. (2010, November). *Methods for Socio-Economic Impact of Infrastructure Improvements*. Workshop delivered at Central Agency for Public Mobilization and Statistics (CAPMAS), Cairo, Egypt. (International)
- # Felkner, J., & Tazhibayeva, K. (2009, January). *Impact of Climate Change on Rice Production in Thailand*. Workshop delivered at Enterprise Initiative, University of Chicago, Chicago, IL. (International) Retrieved from <http://www.youtube.com/watch?v=JT2XqA92w6g>
- # Felkner, J. (2008, June). *Spatial Analysis and Spatial Economics*. Workshop delivered at The World Bank, Europe and Central Asia Division, Washington, DC. (International)
- # Felkner, J. (2007, October). *Socio-Economic Impact Evaluation Methodologies for MCC Compact Programs in Benin, West Africa*. Workshop delivered at Millennium Challenge Corporation (mcc.gov), Washington, DC. (International)
- # Felkner, J. (2005, November). *Risk and Inequality in Southeast Asia*. Workshop delivered at Thai Chamber of Commerce University, Bangkok, Thailand. (International)

Contracts and Grants

Contracts and Grants Funded

Felkner, John Sames (PI), & Holtgrieve, Gordon (PI). (Aug 2015–Jul 2016). *FEW: River FEWs: Workshop to Explore the Nexus Between Food, Energy, and Water in a Large International River System*. Funded by University of Washington, Seattle. (UWSC8559). Total award \$98,367.

Felkner, John Sames (PI). (May 2014–Aug 2014). *FYAP: Impact of Socio-Ecological Systems Changes on Rural Communities in Cambodia*. Funded by FSU CRC. Total award \$20,000.

Felkner, J. (Mar 2014–Feb 2016). *Synchronizing Public and Private Investment in Cities: Evidence from Addis Ababa, Dar Es Salaam, Kigali and Nairobi*. Funded by The World Bank, World Bank Global Urban & Disaster Risk Management Uni. Total award \$49,312.

Felkner, John Sames (PI), & Shaihk, Sabina (PI). (Sep 2012–Feb 2016). *WSC-Category 1: Integrative Modeling of The Interactions, Connectivity And Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Basin*. Funded by National Science Foundation. (1204609). Total award \$149,972.

Service

Florida State University

FSU Department Service

Departmental Committee Service, DURP Promotion and Tenure Committee (2013–present).

Departmental Committee Service, Studio Advisory Committee (2016).

Departmental Committee Service, Academic Personnel Committee (2015–2016).

Departmental Committee Service, Doctoral Policy Committee (2014–2015).

Departmental Committee Service, Financial Aid Committee (2014–2015).

Departmental Committee Service, DURP MSP Admissions Committee (2014).

Departmental Committee Service, Studio Advisory Committee (2014).

Formal Masters Program Advisor, Major Professor For DURP Masters Student Like Jiang (2013–2014).

Formal Masters Program Advisor, Major Professor for DURP Masters Student Michael Larimore (2012–2014).

FSU Institute or Center Service

Participated in monthly administrative meetings for faculty affiliates of CDPH, FSU Center for Demography, Population and Health (CDPH) "First Fridays" Meetings (2015–present).

The Profession

Guest Reviewer for Refereed Journals

Landscape and Urban Planning (2015–16).

Remote Sensing of the Environment (2014).

Chair of a Symposium

Felkner, J. (Chair). (2015, December). *FEW: River FEWs: Workshop to Explore the Nexus Between Food, Energy, and Water in a Large International River System*. Symposium conducted at the meeting of National Science Foundation (NSF), Seattle, WA.

Felkner, J. (Chair). (2013, June). *Integrative Modeling of The Interactions, Connectivity And Interdependence of Water Systems and Ecosystem Services in the Lower Mekong Basin*. Symposium conducted at the meeting of National Science Foundation; Center for Khmer Studies (khmerstudies.org), Siem Reap, Cambodia.

Service to Professional Associations

Discussant for GPEIG Presentation at ACSP Annual Meeting; Participated in GPEIG Meetings, ACSP Global Planning Educator's Interest Group (GPEIG) (2015).