

# Sarah K. Mincey

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## PROFESSIONAL APPOINTMENTS

2021 – present	Managing Director, Environmental Resilience Institute, Indiana University
2019 – present	Clinical Associate Professor, School of Public and Environmental Affairs, Indiana University
2014 – present	Director, Integrated Program in the Environment (IPE) and Research and Teaching Preserve (RTP), Indiana University
2014 – 2018	Academic Specialist, School of Public and Environmental Affairs, Indiana University
2014	Postdoctoral Research Associate, The Ostrom Workshop on Political Theory & Policy Analysis, Indiana University
2013	Visiting Lecturer, Indiana University, School of Public and Environmental Affairs

## PROFESSIONAL AFFILIATIONS

2017 – present	Urban Green Infrastructure Research Group, The Environmental Resilience Institute, Indiana University
2014 – present	Bloomington Urban Forestry Research Group, Indiana University
2014 – present	The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, Indiana University

## EDUCATION

2012	Ph.D. in Environmental Science, School of Public and Environmental Affairs, Indiana University.
2007	M.P.A. / M.S.E.S in Environmental Policy and Natural Resource Management, School of Public and Environmental Affairs, Indiana University.
2003	B.A., English, Morehead State University

## AREAS OF RESEARCH

Urban and community forest management · Sustainability of social-ecological systems · Institutional analysis · Collective action · Community-based natural resource management · Co-production of natural resources · Civic ecology · Citizen Science · Urban Green Infrastructure · Climate Change Resilience Planning and Implementation

## HONORS: AWARDS

- 2014 Second Annual Ostrom Memorial Award for Most Innovative Paper of the Year from the *International Journal of the Commons*
- 2012 Indiana University Office of Sustainability Excellence in Research
- 2010 – 2011 Fellowship in Urban Forestry, Garden Club of America Zone VI
- 2010 Second Place, Association for the Advancement of Public Policy and Management Research Poster Competition
- 2009 Best Paper - First-Year Ph.D. Students, Association of SPEA Ph.D. Students Research Conference
- 2005 – 2007 Service Corps Fellowship, Indiana University, School of Public and Environmental Affairs
- 2000 – 2003 Presidential Scholarship, Morehead State University

## HONORS: INVITED WORKSHOPS, PANELS, LECTURES

- 2021 Invited panelist, "Climate Change and the Arts. A conversation." New Morse Code and The Jacobs Office of Entrepreneurship and Career Development, Indiana University. Nov 1, 2021.
- 2021 Invited speaker, Wesselman Woods Green Allies Initiative, "Productive Greenspace and Urban Forests." Dec. 1, 2021 and February 12, 2022.
- 2020 Invited speaker, Purdue University *Urban Forest Issues* course (FNR 44500) on "Strategic Planting for Resilience Communities." Online. November 12, 2020.
- 2020 Invited speaker, Indiana Arborist Association Annual Meeting on "Urban forests as urban green infrastructure: A new spatial data platform to assess the resilience of the Indiana's urban forests," Indianapolis, Indiana, USA, January 21, 2020.
- 2019 Invited speaker, Indiana Urban Forestry Symposium on "Urban Green Infrastructure Inventory Project," Martinsville, Indiana, USA, September 12, 2019.
- 2017 Invited participant, National Socio-Environmental Synthesis Center (SESYNC) Pursuit on "Applying the Social-Ecological Systems Framework to intensively managed landscapes of the agricultural Midwestern U.S.," Annapolis, Maryland, USA, November 2017 – March 2018.
- 2016 Invited participant, National Socio-Environmental Synthesis Center (SESYNC) Workshop on "Growing the urban forest: Revealing the processes that shape urban canopy," Annapolis, Maryland, USA, February 8-10, 2016.

## MEDIA APPEARANCES

"Why Phoenix may be uninhabitable by the end of this century." **Salon**. January 31, 2021.

["Indiana Newsdesk"](#) - **WTIU**, June 5, 2020 (story begins at 20-minute mark)

"Urban Forests" – All IN Podcast, **WFYI**, August 15, 2019. URL: [www.wfyi.org/programs/all-in/radio/Urban-Forests](http://www.wfyi.org/programs/all-in/radio/Urban-Forests).

"Researchers seek data for statewide urban forest map" - **Indiana Environmental Reporter**, December 23, 2019. URL: <https://www.indianaenvironmentalreporter.org/posts/researchers-seek-data-for-statewide-urban-forest-map>.

"IU students, staff mark Arbor Day with tree planting at tailgate area" –**Herald Times**, April 29, 2017.

"New IU Degree Integrates Humanities with Science" - **Herald Times**, November 1, 2014.

"Once on chopping block, Griffy preserve a 'crown jewel' of IU Integrated Program in the Environment" - **IU Bloomington Newsroom**, October 7, 2014

"IU expert: 'We've been set up well for a nice leaf season'" - **Inside IU**, October 8, 2014

## PUBLICATIONS

### Refereed publications

Reynolds HL, **Mincey SK**, Montoya RD, Hamlin S, Sullivan A, Thapa B, Wilson J, Rosing H, Jarzen J, Grove M. *In press*. Inventory and analysis of urban green infrastructure for community resilience: A new framework. *Frontiers in Ecology & Environment*.

Schmitt-Harsh, M. and **S.K. Mincey**. 2020. Operationalizing the social-ecological system framework to assess residential forest structure: A case study in Bloomington, Indiana. *Ecology and Society* 25(2).

Watkins, S.L., Vogt, J.M., **Mincey S.K.**, Fischer, B.C., Bergmann, R.A., Widney, S.E., Westphal, L. & Sweeney, S. 2018. Does collaborative tree planting between nonprofits and neighborhood groups improve neighborhood community capacity? *Cities* 74: 83-99.

Roman, L.A., Pearsall H., Eisenman, T.S., Conway, T.M., Fahey, R.T., Landry, S., Vogt, J., van Doorn, N.S., Grove, J.M., Locke, D.H., Bardekjian, A.C., Battles, J.J., Cadenasso, M.L., Konijnendijk van den Bosch, C.C., Avolio, M., Berland, A., Jenerett, G.D., **Mincey, S.K.**, Pataki, D.E., Staudhammer, C. 2018. Human and Biophysical legacies shape contemporary urban forests: A literature synthesis. *Urban Forestry and Urban Greening* 31: 157-168.

Roman, L.A., V.D. Nguyen, D.H. Locke, **S.K. Mincey**, J.R. Sanders, E.S. Fichman, M. Duran-Mitchell, and S.L. Tobing. 2017. Best Practices for Yard Tree Distribution Programs. *Arborist News* 26(5).

Watkins, S.L., **S.K. Mincey**, J. Vogt, and S.P. Sweeney. 2017. Is Planting Equitable? An Examination of the Spatial Distribution of Nonprofit Urban Tree-Planting Programs by Canopy Cover, Income, Race, and Ethnicity. *Environment and Behavior* 49(4).

Nguyen, V., L. Roman, D. Locke, **S.K. Mincey**, J. Sanders, E. Smith Fichman, M. Duran-Mitchell, S. Lumban Tobing. 2017. Branching out to residential lands: missions and strategies of five tree distribution programs in the U.S. *Urban Forestry and Urban Greening* 22(2017): 24-35.

Vogt, J.M., G. Epstein, **S.K. Mincey**, B.C. Fischer and P. McCord. 2015. Putting the 'E' in SES: Unpacking the ecology in the social-ecological system framework. 2015. *Ecology and Society* 20(1): 55.

Vogt J.M., S.L. Watkins, **S.K. Mincey**, M. Patterson, B.C. Fischer. 2015. Explaining planted-tree survival and growth in urban neighborhoods: A study of new trees in Indianapolis. *Landscape & Urban Planning* 136: 130-143.

Farmer, J. R., G. Epstein, S.L. Watkins, **S.K. Mincey**. 2014. Organic farming in West Virginia: A behavioral approach. *Journal of Agriculture, Food Systems, and Community Development* 4(4): 155–171.

**Mincey S.K.** and J.M. Vogt. 2014. Watering strategy, collective action, and neighborhood-planted trees: An Indianapolis case study. *Arboriculture & Urban Forestry* 40(2):84-95.

**Mincey, S.K.**, M. Schmitt-Harsh, R. Thureau. 2013. Zoning, land use, and urban tree canopy cover: The importance of scale. *Urban Forestry & Urban Greening* 12(2):191-199.

**Mincey, S.K.**, M. Hutten, B.Fischer, T. Evans, S. Stewart, J. M. Vogt. 2013. Structuring institutional analysis for urban ecosystems: A key to sustainable urban forest management. *Urban Ecosystems* 16(3): 553-571.

Schmitt-Harsh, M., **S.K. Mincey**, M. Patterson, B. Fischer, T. Evans. 2013. Private residential urban forest structure and carbon storage in a moderate-sized urban area in the Midwest United States. *Urban Forestry & Urban Greening* 12(4):454-463.

Cox, M., **S.K. Mincey**, T. Ruseva, S. Villamayor-Tomas, B. Fischer. 2013. Evaluating the USFS State & Private Forestry Redesign: A first look at policy. *Ecological Economics* 85:35-42.

Epstein, G., J.M. Vogt, **S.K. Mincey**, M. Cox, B.C. Fischer. 2013. Missing ecology: Toward an interdisciplinary social-ecological system framework. *International Journal of the Commons* 7(2): 432-453.

Fleischman, F. D., K. Boenning, G. A. Garcia-Lopez, **S. K. Mincey**, M.Schmitt-Harsh, K. Daedlow, M. Lopez, X. Basurto, B. Fischer, E. Ostrom. 2010. Disturbance, response, and persistence in self-organized forested communities: Analysis of robustness and resilience in five communities in southern Indiana. *Ecology and Society* 15(4): 9.

### **Manuscripts in review / in progress for refereed journals**

**Mincey, S.K.**, S. Hamlin, H. Reynolds, S. Freeman-Day, H. Gregory, C. McGill. (In prep) Urban Forest Manuscript 1.

**Mincey, S.K.**, S. Hamlin, H. Reynolds, S. Freeman-Day, B. Crawley. (In prep) Project Greenspace Manuscript.

### **Book chapters**

Novick, K. **S.K. Mincey**, R. Lave, J. Baeten, J. Maxwell, R. Phillips., *in press*. Indiana forest resilience is a matter of scale and perspective, **In:** Climate Change and Resilience in Indiana and Beyond (Eds., McCabe, Filippelli, Novick, Shanahan), Indiana University Press.

**Mincey, S.K.**, M. Hutten, B.Fischer, T. Evans, S. Stewart, J. M. Vogt. March 2017. "Structuring institutional analysis for urban ecosystems: A key to sustainable urban forest management." In *Elinor Ostrom and the Bloomington School of Political Economy: Volume 3, A Framework for Policy Analysis*, edited by Daniel H. Cole and Michael D. McGinnis, 171-199. Lanham, MD: Lexington Books.

### **Reports and white papers**

Roman L. A., van Doorn N.S., McPherson E. G., Scharenbroch B.C., Henning J.G., Östberg J.P.A., Mueller L.S., Koeser A.K., Mills J.R., Hallett R.A., Sanders J.E., Battles J.J., Boyer D.J., Fristensky J.P. **Mincey S.K.**, Peper, P.J., Vogt, J. 2020. [Urban tree monitoring: a field guide](https://doi.org/10.2737/NRS-GTR-194). Gen. Tech. Rep. NRS-194. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station. 48 p. <https://doi.org/10.2737/NRS-GTR-194>.

van Doorn N.S., Roman, L.A., McPherson E. G., Scharenbroch B.C., Henning J. G., Ostberg J.P.A., Mueller, L.S., Koeser A.K., Mills J. R., Hallet R. A., Sanders J.E., Battles J.J., Boyer D.J., Fristensky J.P., **Mincey S.K.**, Peper P. J., Vogt J.M. (2020). [Urban tree monitoring: a resource guide](https://doi.org/10.2737/PSW-GTR-266). Gen. Tech. Rep. PSW-GTR-266. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. 132 p. <https://doi.org/10.2737/PSW-GTR-266>.

Widney, S. B.C. Fischer, **S.K. Mincey**, J.M. Vogt, S.L. Watkins, R. Bergmann, L. Westphal. 2015. Forest Relief of Missouri Planted Tree Reinventory Report: Survival Condition and Benefits of Recently Planted Trees. Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the study of Institutions, Populations, and Environmental Change, Indiana University. 15 pp.

Widney, S. B.C. Fischer, **S.K. Mincey**, J.M. Vogt, S.L. Watkins, R. Bergmann, L. Westphal. 2015. The Greening of Detroit Planted Tree Reinventory Report: Survival Condition and Benefits of Recently Planted Trees. Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the study of Institutions, Populations, and Environmental Change, Indiana University. 15 pp.

Widney, S. B.C. Fischer, **S.K. Mincey**, J.M. Vogt, S.L. Watkins, R. Bergmann, L. Westphal. 2015. Kepp Indianapolis Beautiful Inc. Planted Tree Reinventory Report: Survival Condition and Benefits of Recently Planted Trees. Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the study of Institutions, Populations, and Environmental Change, Indiana University. 15 pp.

Widney, S. B.C. Fischer, **S.K. Mincey**, J.M. Vogt, S.L. Watkins, R. Bergmann, L. Westphal. 2015. Pennsylvania Horticultural Society Planted Tree Reinventory Report: Survival Condition and Benefits of Recently Planted Trees. Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the study of Institutions, Populations, & Environmental Change, Indiana University. 15pp.

Widney, S. B.C. Fischer, **S.K. Mincey**, J.M. Vogt, S.L. Watkins, R. Bergmann, L. Westphal. 2015. Trees Atlanta Planted Tree Reinventory Report: Survival Condition and Benefits of Recently Planted Trees. Bloomington, IN: Bloomington Urban Forest Research Group at the Center for the study of Institutions, Populations, and Environmental Change, Indiana University. 15 pp.

Vogt, J.M., **S.K. Mincey**, B.C. Fischer, and M. Patterson. 2014. Planted Tree Re-Inventory Protocol, Version 1.1. Bloomington Urban Forest Research Group at CIPEC, Indiana University. 96 pp. [online] URL:[www.indiana.edu/~cipec/research/bufrg\\_protocol.php](http://www.indiana.edu/~cipec/research/bufrg_protocol.php)

**Mincey, S.K.** and B.C. Fischer. 2013. Solution for Sustainable Urban Forest Governance and Management. SPEA Insights. School of Public and Environmental Affairs, Indiana University. [online] URL:[www.indiana.edu/~spea/faculty/SPEA\\_Insights.shtml](http://www.indiana.edu/~spea/faculty/SPEA_Insights.shtml)

Vogt, J.M., **S.K. Mincey**, B.C. Fischer, and M. Patterson. 2013. Planted Tree Re-Inventory Protocol, Version 1.0. Bloomington Urban Forest Research Group at CIPEC, Indiana University. 93 pp. [online] URL:[www.indiana.edu/~cipec/research/bufrg\\_protocol.php](http://www.indiana.edu/~cipec/research/bufrg_protocol.php)

Fischer, B.C., K. McClain, **S.K. Mincey**, N. Myers, & J.M. Vogt. 2012. City of Bloomington Public Tree Inventory - 2012. 18 pp. [online] URL: [www.indiana.edu/~cipec/research/bufrg\\_pub\\_Bton%20Neighb%20Report\\_12-27-12.pdf](http://www.indiana.edu/~cipec/research/bufrg_pub_Bton%20Neighb%20Report_12-27-12.pdf)

Basurto, X., K. Boenning, K. Daedlow, F. Fleischman, B. Fischer, G. Garcia-Lopez, M. C. Lopez Perez, **S.K. Mincey**, M. Schmitt, E. Ostrom, F. Souza. 2008. The Community and Forests of Painted Hills. International Forestry Resources and Institutions Research Program, The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis Paper, W09I-3, 35p.

**Mincey, S.K.** and B.C. Fischer. 2008. The Woodland Campus: A historic walking tour of Indiana University-Bloomington. [online] URL: [www.indiana.edu/~spea/pubs/woodland.pdf](http://www.indiana.edu/~spea/pubs/woodland.pdf).

Arnold, G, J. Bauer, B. Fischer, F. Fleischman, M. Midgley, **S.K. Mincey**, M.P. Priebe, K. Souza, C. Tucker, S.V. Tomas, 2007. An initial visit to the Yellowwood Lake Watershed Forest. International Forestry Resources & Institutions Research Program, The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis Paper, W071-24, 31p.

Fischer, B.C., M. Steinhoff, **S.K. Mincey**, and L. Dye. 2007. The 2007 Bloomington Street Tree Report: An analysis of demographics and Ecosystem Services. Bloomington Urban Forestry Report 01-07. [online] URL: <http://bloomington.in.gov/media/media/application/pdf/2337.pdf>

## COMPETITIVE FUNDING AND AWARDS

### Research projects and programs

- 2021-2026 **McKinney Midwest Climate Project.** PI Sarah Mincey. McKinney Family Foundation. \$1.25 million awarded.
- 2021-2023 **Greening Urban Neighborhoods from the Ground Up.** Co-PIs **SK Mincey**. H. Reynolds, J. Wilson, G. Filippelli, D. Habeeb. Environmental Protection Agency (EPA) Environmental Justice Collaborative Problem-Solving Cooperative Agreement Program. \$99,920 awarded.
- 2021-2023 **Urban Green Infrastructure Resilience Cohort (UGI Resilience Cohort).** PI Sarah **Mincey**. Submitted to Indiana Department of Natural Resources Community and Urban Forestry Grant Program. \$100,000 awarded.
- 2020-2022 **Access to sustainable urban tree benefits: A statewide assessment of racial equity and urban forest ecosystem services.** PI: **S.K. Mincey**, Co-PIs: H. Reynolds, D. Habeeb. Submitted to Indiana University Office of the Vice President for Research, Racial Justice Research Fund. \$14,996 awarded.
- 2019 **Plant the Region: Urban tree research for people and the environment of NW Indiana.** PI: D. Habeeb; **Co-PIs: S.K. Mincey**, G. Filippilli, J. Vogt, B. Fischer. Submitted to Safety-Kleen Systems, Inc. \$588,000 requested (in review; pandemic-delayed).
- 2019-2020 **Urban Green Infrastructure Inventory and Analysis.** PIs: H. Reynolds and J. Wilson; **Co-PIs: S.K. Mincey**, R. Montoya, and D. Habeeb. IU Grand Challenge – Prepared for Environmental Change Year 3. \$243,944 awarded.
- 2018-2019 **Rising Tide: The Crossroads Project.** PIs: **S.K. Mincey** and B. Stirratt. Indiana University Office of the Vice President for Research New Frontiers/New Currents Grant Program. \$20,000 awarded.
- 2018-2019 **Project Greenspace.** PIs: **S.K. Mincey**, H. Reynolds and J. Farmer. Keep Indianapolis Beautiful, Inc. research contract. \$10,000 awarded.
- 2017-2022 **Prepared for Environmental Change** PI: E. Ketterson (with 90+ co-investigators). Urban Green Infrastructure Project Co-Lead: **S.K. Mincey** (among 12 others). Indiana University Office of the Vice President for Research's Grand Challenges Competition. \$55 million awarded.
- 2017 **Lilly-Dickey Woods Forest Dynamics Plot Re-Census: Sustaining IU's Role in the Smithsonian's Global Earth Observatory Network.** PIs: Rich Phillips and Keith Clay, Collaborator: **S.K. Mincey**, J. White, D. Johnson. Indiana University Office of the Vice Provost for Research's Collaborative Research and Creative Activity Funding Program, \$16,242.00 requested *but not awarded.*

- 2016 ***Role Identity, Motivation and Persistence in Emerging Interdisciplinary Programs: A Mixed-Methods Investigation of Sustainability Studies in Higher Education.*** PIs: G. Buck, T. Evans, **S.K. Mincey**. National Science Foundation Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR) Program, \$298,140 requested *but not awarded*.
- 2015-2016 ***Workshop: Growing the Urban Forest: Revealing the Processes that Shape Urban Canopy.*** PIs: Lara Roman and Hamil Pearsall, Collaborator: **S.K. Mincey**. National Socio- Environmental Synthesis Center (SESYNC) Workshop Award.
- 2013-2015 ***Evaluating the impacts for neighborhoods from nonprofit urban forestry.*** PIs: B.C. Fischer, L. Westphal, Collaborators: J.M. Vogt, **S.K. Mincey**, S.L. Watkins, R. Bergmann, USDA Forest Service Northern Research Station, \$35,000 awarded.
- 2012-2015 ***Trees and People, a Two-Way Street: A Research Program to Assess the Direct and Indirect Effects of Urban Tree Planting Programs in the Face of Climate Change.*** PI: B.C. Fischer, Collaborators: J. Vogt, **S.K. Mincey**, S. Watkins. National Urban and Community Forestry Advisory Council (NUCFAC), \$173,206 awarded (plus \$188,365 provided in matching funds).
- 2011-2012 ***A Review of the USDA Forest Service's Forest Legacy Program: Identifying Organizational Designs that Ensure Conservation Easement Monitoring and Stewardship.*** PI: B.C. Fischer, Collaborators: **S.K. Mincey**, J. Farmer, USDA Forest Service, Northeastern Area Forest Legacy Program, \$15,000 awarded.
- 2011-2012 ***Sustainable Urban Forest Management: Predicting Tree Success in Indianapolis NeighborWoods.*** PI: B.C. Fischer, Collaborators: **S.K. Mincey**, J. Vogt., Efromson Fund, \$17,500 awarded.
- 2011-2012 ***The Impact of Institutional Mechanisms on Sustainable Urban Development*** PI: B.C. Fischer, Collaborators: **S.K. Mincey**, M. Schmitt-Harsh, R. Thurau. Indiana University Office of Sustainability, \$15,000 awarded.
- 2009-2010 ***Urban Forestry Resources and Institutions (UFRI) Pilot Project.*** PI: B.C. Fischer, Collaborator: **S.K. Mincey**. Indiana Department of Natural Resources, Division of Forestry, Community and Urban Forestry Putting Trees to Work Grant, \$3,000 awarded.
- 2009-2010 ***The Impacts of Redesign Competitive Funding.*** PI: B.C. Fischer, Collaborators: **S.K. Mincey**, S.V. Tomas, M.E. Cox, T. Ruseva. USDA Forest Service, State and Private Forestry, Research Grant, \$49,999 awarded.
- 2009-2010 ***The influence of institutional dynamics on urban tree canopy in Bloomington, IN: Spatial analysis of sustainable urban forestry.*** PIs T.P. Evans, B.C. Fischer, Collaborators: **S.K. Mincey**, R. Thurau. Indiana University Center for Research in Environmental Science, Research Grant, \$18,700 awarded.
- 2008-2009 ***Development of the Urban Forestry Resources and Institutions (UFRI) Program.*** PI: B.C. Fischer, Collaborators: **S.K. Mincey**, R. Thurau, Indiana University School of Public and Environmental Affairs, Sustainability Research Grant, \$10,000 awarded.
- 2007-2008 ***The Indiana University Woodland Campus Brochure*** PI: B.C. Fischer, Collaborator: **S.K. Mincey**. Indiana Department of Natural Resources, Division of Forestry, Community and Urban Forestry Putting Trees to Work Grant, \$4,410 awarded.

## Academic projects and programming

- 2019            **Engaging Indiana High School Students in Local Problem Solving and Stewardship: The Youth Environmental Leadership Summit Proposal. P.I.: S.K. Mincey** Environmental Protection Agency (EPA) Environmental Education Grants Program, \$80,002 requested. *Not awarded.*
- 2019            **Resilience Themester (2021). Project Lead: S.K. Mincey.** Indiana University College of Arts and Sciences Themester Program. Awarded.
- 2018-2020      **The Environmental Protection Agency (EPA) at 50. PIs: S.K. Mincey and J. Graham.** Indiana University Bicentennial Project Proposal Program. \$25,000 awarded.
- 2017-2018      **Indiana University Heritage Trail.** PI: S. Wolter and M. Girvin, Collaborators: S.K. Mincey, J. Farmer, B. Croft and other members of the Environmental Quality and Land Use Working Group. Indiana University Office of Sustainability Innovation Fund, \$15,000 awarded.
- 2017-2018      **The Woodland Campus 2.0: A revision and new application of the historical walking tour.** PI: S.K. Mincey. Indiana University Bicentennial Project Proposal Program, \$10,000 awarded.
- 2017-2018      **University Lake historic marker proposal.** PI: S.K. Mincey. Indiana University Bicentennial Historical Marker Competition. Awarded.
- 2017            **Summer Experience in Sustainability and the Environment High School Camp at Indiana University.** PI: S.K. Mincey. Summer Youth Program Fund, \$7000 awarded.
- 2017            **A collaborative action research project on contextualizing preservice teachers' practices of science in authentic sustainability issues.** PI: Gayle Buck. Collaborators: S.K. Mincey and Stacey Giroux. Indiana University Office of the Vice Provost for Research's Collaborative Research and Creative Activity Funding Program, \$16,242.00 requested *but not awarded.*
- 2017            **Summer Experience in Sustainability and the Environment High School Camp at Indiana University.** PI: S.K. Mincey. Women's Philanthropy Leadership Council Grant, \$7,521.60 requested *but not awarded.*

## RESEARCH CONFERENCE PRESENTATIONS AND PROCEEDINGS

**Mincey, S.K. (presenter).** 2019. Data sharing agreements and data use agreements for the Urban Green Infrastructure Spatial Data Platform. Environmental Resilience Institute Data Summit. Indiana University, Bloomington, Indiana, USA. August 18, 2019.

**Mincey, S.K. (presenter),** S. Hamlin, R. Montoya, J. Wilson, and H. Reynolds. 2019. Urban forests and equitability in Bloomington and Indianapolis, Indiana: An explicitly socio-ecological and resilience trait-based approach improves spatial analysis for climate change resilience. American Association of Geographers Annual Conference. April 3, 2019. Washington, D.C.

**Mincey, S.K. (presenter and organizer)** and H. Reynolds. 2018. Inventorying and analyzing urban green infrastructure for community resilience: best practices. National Council for Science and the Environment. January 23-25, Washington, D.C.



- Mincey, S.K. (presenter)** and M. Schmitt-Harsh. 2016. Youth and green jobs: Addressing the potential for urban forestry. Partners in Community Forestry Conference, November 16-17, Indianapolis IN.
- Mincey, S.K. (presenter)** 2016. Neighborhood-scale urban forest management: Implications for public health outcomes. National Symposium on Parks and Recreation in Public Health, February 10-12, Bloomington IN.
- Vogt, J.M., **S.K. Mincey (coauthor)**, S.L. Watkins, B.C. Fischer, S. Widney, R. Bergmann, L. Westphal, S. Sweeney. 2015. Neighborhood and Nonprofit Urban Forestry: Results of a 5-City Study. International Society of Arboriculture 2015 Annual Conference, August 8-12, Tampa FL.
- Mincey, S.K. (workshop organizer)**, S. Kaza, S. Tarrant, J. Capshew. 2015. The role of the environmental humanities in interdisciplinary environmental and sustainability programs. Association for Environmental Studies & Sciences 2015 Conference, June 24-27, San Diego CA.
- Mincey, S.K. (presenter)**, J.M. Vogt, S.L. Watkins, B.C. Fischer, S. Widney, R. Bergmann, L. Westphal, S. Sweeney. 2015. Neighborhood and Nonprofit Urban Forestry Frontiers: Results of a 5-City Study. Association for Environmental Studies and Sciences 2015 Conference, June 24- 27, San Diego CA.
- Watkins, S.L., **S.K. Mincey (coauthor)**, J.M. Vogt, S.E. Widney, B.C. Fischer, R.A. Bergmann, L. Westphal & S. Sweeney. 2015. The distributional results of current land use decisions: might nonprofit street tree plantings reduce disparity in urban canopy cover? Association of American Geographers Annual Meeting, April 21-25, Chicago IL.
- Vogt, J.M., S.E. Widney, S.L. Watkins, **S.K. Mincey (coauthor)**, B.C. Fischer, R.A. Bergmann, S. Sweeney & L. Westphal. 2015. Tree survival in social-ecological systems: results of a 5-city study. Association of American Geographers Annual Meeting, April 21-25, Chicago IL.
- Watkins, S.L., J.M. Vogt, **S.K. Mincey (coauthor)**, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney 2014. Examining the relationship between collective action and collective efficacy of neighborhood residents: Do neighborhood street-tree plantings yield social benefits? Association for Public Policy Analysis and Management Annual Conference, November 6-8, 2014, Albuquerque NM.
- Watkins, S.L., J.M. Vogt, **S.K. Mincey (coauthor)**, B.C. Fischer, R.A. Bergmann, S.E. Widney, L. Westphal & S. Sweeney 2014. Does participation in non-profit urban tree-planting programs improve neighborhoods? Examining the impact of collective action on neighborhood residents. International Union of Forest Resource Organizations World Conference, October 5- 11, 2014, Salt Lake City UT.
- Mincey, S.K. (organizer and presenter)**, L. Roman, B. Scherenbrock, and J. Mills. 2014. Urban tree monitoring: New Research and standard protocols. International Society of Arboriculture 2014 Annual International Conference and Trade Show, August 2-6, 2014, Milwaukee WI (Part of the symposium entitled "Urban Forest Monitoring Data").
- Vogt J.M., S.L. Watkins, **S.K. Mincey (coauthor)**, M.S. Patterson, and B.C. Fischer. 2014. Explaining planted-tree survival and growth in urban neighborhoods using a social-ecological systems perspective: A study of recently-planted trees in Indianapolis (United States). International Society of Arboriculture 2014 Annual International Conference and Trade Show, August 2-6, 2014, Milwaukee WI (Part of the symposium entitled "Urban Forestry through the Lens of Tree Growth and Longevity").

- Bergmann R.A., S.L. Watkins, J.M. Vogt, **S.K. Mincey (coauthor)** & B.C. Fischer. 2014. Tree survival in urban neighborhoods: Examining the role of community knowledge. Delivered at the International Society of Arboriculture (ISA) 90th Annual Conference and Trade Show, August 2-6, Milwaukee WI.
- Farmer, J., B.C. Fischer, and **S.K. Mincey (coauthor)**. 2013. Sustainability in Monitoring Federal Conservation Easements on Forested Lands. Natural Areas Association, Annual Conference, October 4, 2013, Chicago IL.
- Watkins, S., **S.K. Mincey (coauthor)**, J.M. Vogt, R. Bergmann, & B.C. Fischer. 2013. A research design for evaluating the outcomes of neighborhood and nonprofit urban forestry. Workshop Colloquia presentation. The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, April 17, 2013, Bloomington IN.
- Epstein G., Vogt J.M., **S.K. Mincey (coauthor)**. 2012. Towards an interdisciplinary social-ecological system (SES) framework. The EcoSummit 2012, September 27 – October 5, 2012, Columbus OH.
- Mincey, S.K. (presenter)**, M. Schmitt-Harsh, M.S. Patterson, T. Evans, B.C. Fischer. 2012. Analysis of private urban forest management in Bloomington, Indiana: A social-ecological systems perspective. 97<sup>th</sup> Annual Meeting of the Ecological Society of America, August 10, 2012, Portland OR.
- Schmitt-Harsh, M., **Mincey, S.K. (coauthor)**, M.S. Patterson, T. Evans, B.C. Fischer. 2012. Carbon storage and ecosystem services of urban trees in Bloomington, IN as a function of development age. 97<sup>th</sup> Annual Meeting of the Ecological Society of America, August 10, 2012, Portland OR.
- Vogt, J.M., **S.K. Mincey (coauthor)**, and B.C. Fischer. 2012. Evaluating the biophysical and social results of Keep Indianapolis Beautiful's urban tree plantings as a social-ecological system. 97<sup>th</sup> Annual Meeting of the Ecological Society of America, August 10, 2012, Portland OR.
- Mincey, S.K. (presenter)**, M. Schmitt-Harsh, M.S. Patterson, R. Thureau, T. Evans, B.C. Fischer. 2012. The relative influence of homeowner attitudes and social institutions on residential urban forest structure. International Society of Arboriculture 2012 Annual Conference, August 13, 2012, Portland OR.
- Vogt, J.M., **S.K. Mincey (coauthor)**, M. Patterson & B.C. Fischer. 2012. Predicting urban tree success: Establishment, maintenance, growth and condition of neighborhood-initiated tree plantings. International Society of Arboriculture 2012 Annual Conference, August 13, 2012, Portland OR.
- Vogt, J.M., **S.K. Mincey (coauthor)**, and B.C. Fischer. 2011. Establishment and Growth of Community-Planted Trees in Indianapolis, Indiana. ISA Tree Growth and Longevity Symposium, September 12- 13, Lisle IL.
- Fischer, B.C., and **S.K. Mincey (coauthor)**. 2010. Characteristics of sustainable urban forest social-ecological systems: Analysis tools for the local level. Presented at 2010 Partners in Community Forestry National Conference. November 9-11, 2010, Philadelphia PA.
- Mincey, S.K. (presenter)**, L. Ahern, B.C. Fischer, M. Widhelm. 2010. Planning sustainable urban forest for college campuses. Presented at the Association for the Advancement of Sustainability in Higher Education (AASHE) 2010 National Conference. October 12, 2010, Denver CO.
- Mincey, S.K. (keynote presenter)**, B.C. Fischer, S. Stewart. 2010. Managing urban forests as commons: Implications for sustainability. The International Society for Arboriculture 2010 Annual Conference, Chicago IL.

Thurau, R., **S.K. Mincey (coauthor)**, M. Schmitt-Harsh, M.E. Cox. 2010. Spatial distribution and socio-economic contexts of urban tree canopy cover in Bloomington, Indiana, USA. The Urbanization and Global Environmental Change (UGEC) Conference. October 18, 2010, Tempe AZ.

Krause, R.M., **S.K. Mincey (coauthor)**, J.M. Vogt. 2010. Tying local policy, management, and institutional arrangements to environmental outcomes: the role of urban forests in municipal sustainability initiatives. Association for the Advancement of Public Policy and Management 2010 Conference.

**Mincey, S.K. (presenter)** and B.C. Fischer. 2008. Indiana University and Bloomington, Indiana: Partnering for the Urban Forest. Presented at the International Society for Arboriculture 2008 Annual Conference, St. Louis MO.

**Mincey, S.K. (presenter)** and B.C. Fischer. 2007. STRATUM (Street Tree Resource Analysis Tool for Urban Forest Managers): An analysis and recent case study from Bloomington, Indiana. Indiana Academy of Science, 123<sup>rd</sup> Annual Meeting, Indianapolis IN.

## TEACHING AND ADVISING

### Courses taught (all at Indiana University Bloomington)

2019-2021	Urban Forest Management (SPEA E422/522)
2018-2019	Food, forests and community: Sustaining Costa Rica (SPEA E482/582)
2015-2021	Research Methods for Sustainability (SPEA V100/COLL X292)
2010-2013	Capstones - Masters in Public Affairs and Env. Science (SPEA V600)
2010-2012	Introduction to Applied Ecology (SPEA E332/532)
2010-2012	Environment and People (SPEA E162)
2008-2010	Urban Forest Management (SPEA E422/522) – Teaching assistant
2008-2010	Urban Ecology (SPEA E555) – Teaching assistant
2008-2010	Sustainable Forest Management (SPEA E555) – Teaching assistant

### Thesis supervision and student mentoring

2019-present	SPEA PhD Thesis Committee Co-Chair for Stephanie Freeman-Day, Urban Forestry theme
2019-2020	SPEA Masters Student Research Associate with Prepared for Environmental Change Urban Green Infrastructure Cluster, Clint McGill (MES 2020)
2018-present	Biology PhD Thesis Committee for Brianna Crawley, Urban Green Infrastructure theme
2018-2019	SPEA Masters Student Research Associate with Prepared for Environmental Change Urban Green Infrastructure Cluster, Erin Hatch (MPA-MSES 2019)
2015-2016	SPEA Undergraduate Honors Thesis (V499) advisor to Meghan Rohlfing, "Identifying and analyzing social and biophysical benefits of agroforests."
2014-2015	SPEA Undergraduate Honors Thesis (V499) advisor to Bronson Bast, "A Preliminary Analysis on the Effect of Light Post-Removal of <i>Lonicera maackii</i> on Native Plant Regeneration."
2012-2013	SPEA Undergraduate Honors Thesis (V499) advisor to Emily Jackson, "Environmental direct action: Tactics for environmental policy change."

## **PROFESSIONAL SERVICE**

### **Referee service**

*Arboriculture and Urban Forestry, Ecology and Society, International Journal of the Commons, Urban Forestry and Urban Greening*

### **Service to the field**

- 2020-present Indiana DNR Community and Urban Forestry Advisory Council
- 2018 Co-organizer, Student Research Presentation Coordinator, Natural Areas Association Annual Conference, Bloomington, IN (October 23-25).
- 2015-2016 Co-organizer, National Socio-Environmental Synthesis Center (SESYNC) Workshop on "Growing the urban forest: Revealing the processes that shape urban canopy," Annapolis, Maryland, (February 8-10, 2016).
- 2014-present IU representative and Member of the Sustainability Education Consensus Statement and Core Competencies Community of Practice, National Council for Science and the Environment (NCSE) Leaders (formerly Council for Environmental Deans and Directors (CEDD))
- 2014 Research Poster Judge, American Association for the Advancement of Science (AAAS) Annual Meeting (February 13-17)
- 2011-2015 Urban Tree Management Team Lead, International Society of Arboriculture, Tree Growth and Longevity Working Group - Urban Tree Monitoring Protocol

### **University service**

- 2020-present Organizer, IPE/ERI Environmental Resilience Speaker Series
- 2020-present Co-chair, Sustainability General Education Shared Goal Task Force
- 2020-present O'Neill Undergraduate Curriculum Committee Member
- 2020-2021 Member, Bloomington Faculty Council Education Policy Committee
- 2020-2021 Chair, Resilience Themester Committee
- 2019-2021 Ex-officio steering committee member, Environmental Resilience Institute
- 2018 Lead organizer, Crossroads IUB Workshop (October 5)
- 2018-present Major Lead (SPEA), B.S.P.A. in Environmental Management
- 2017-2020 Co-chair, Education and Research Working Group, Indiana University Office of Sustainability
- 2017 Panel organizer, "The Future of Environmental Protection," SPEA's Whitehouse Wednesday sponsored by IPE (April 19)
- 2017 Panel organizer, "Politics, ethics, and agency in a climate of emergency," Sustain IU Week Special Event sponsored by IPE (February 21)
- 2016-present Major Lead (SPEA), B.S. in Environmental Science
- 2016-present Major Lead (SPEA), B.A. in Environmental and Sustainability Studies
- 2016-present Organizer, Annual IPE Interdisciplinary Environmental and Sustainability Research Conference for graduate and undergraduate students
- 2016 Keynote address / panel organizer, "Carbon taxes as tools for climate change mitigation," IPE special event (March 8)
- 2016 Panel organizer, "Working together: Research and water governance on Mount Kenya," IPE sponsored film premiere / panel discussion at IU Cinema (February 26)
- 2015 Panel organizer, "Climate Change, Public Perception and the Media: What's Not Getting Through?" IPE special event (March 10)

- 2015-present Co-creator and director, 2020 Sustainability Scholars Program (an annual REU for freshman and sophomores at Indiana University)
- 2014-2017 Faculty advisor/co-organizer, Sustain IU Week
- 2014-present Co-organizer, Sustainability Community of Practice Annual Workshop for faculty
- 2014-present Director, Sustainability Course Development Fellowship Annual Program
- 2014-present Director of Undergraduate Studies (College of Arts and Sciences), B.A. in Environmental and Sustainability Studies
- 2014-present Program Director, Indiana University's B.A. in Environmental and Sustainability Studies
- 2014-present Program Director, Indiana University's B.S. in Environmental Science
- 2014-present Member, Education and Research Working Group, Indiana University Office of Sustainability
- 2014-present Member, Environmental Quality & Land Use Working Group, Indiana University Office of Sustainability
- 2009-present Indiana University Tree Board
- 2011-2013 Indiana University SPEA Teaching and Learning Faculty Group Steering Committee

### **Service to the community**

- 2020-present Co-founder and Board Vice President, CanopyBloomington (urban forestry nonprofit in Bloomington, Indiana)
- 2018-present Co-organizer, Annual Youth Environmental Leadership Summit (YELS)
- 2017-present Creator and director, Sustainability and Environmental Education (SEE) IU Program for high school classes to engage with environmental programming at Indiana University
- 2016-2018 Advisory Board member, Hoosier Courts Nursery School, Bloomington, Indiana
- 2015-present Creator and director, Summer Experience in Sustainability and the Environment (SESE) High School Camp at Indiana University
- 2014-present Coordinator of public outreach programs through the IU Research and Teaching Preserve including: Indiana Master Naturalist Program, K-12 teacher certification in environmental education (Project Flying Wild, Project WILD, Project Aquatic WILD, Project WET), and RTP Interpretive Hike Series
- 2014-2015 Co-founder, Neighborhood Program, Bloomington Community Orchard
- 2006-2009 United Way of Monroe County Vision Council Member

### **PROFESSIONAL ORGANIZATION AFFILIATIONS**

National Council for Science and the Environment (NCSE) Leaders, Association for Environmental Studies and Sciences (AESS), International Society for Arboriculture (ISA), Indiana Urban Forest Council (IUFC), Indiana Arborist Association (IAA)