

Abigail M. York  
**CURRICULUM VITA**

**EMPLOYMENT**

Director of Graduate Studies, ASU School of Human Evolution and Social Change, 2021-  
Associate Professor of Governance and Public Policy, ASU School of Human Evolution and Social Change,  
2013 – present  
Assistant Professor of Governance and Public Policy, ASU School of Human Evolution and Social Change,  
2007-2013

Additional ASU Affiliations:

Senior Sustainability Scientist, Global Institute of Sustainability, Arizona State University  
Faculty affiliate: Center for Biodiversity Outcomes, Center for Global Health

External Affiliation:

External Affiliated Faculty, Ostrom Workshop, Indiana University  
Senior Research Fellow Earth System Governance

Assistant Professor, Bloch School of Management, University of Missouri – Kansas City, 2005 – 2007

**EDUCATION**

Postdoctoral researcher, 2005

National Science Foundation Funded Center for the Study of Institutions, Population, and  
Environmental Change, Indiana University, May-August, 2005

Doctor of Philosophy, Public Policy, Concentration, Human Dimensions of Global Change, May 2005  
Indiana University, Dissertation: “Land Use Institutions in an Urbanizing Landscape”, Chair:  
Elinor Ostrom

Bachelor of Arts, June 2000

Major in Economics (with honors), Concentration, Environmental Studies, Knox College,  
Galesburg, IL

**RESEARCH INTERESTS**

Governance; Public Policy; Social-ecological Systems; Land Use; Institutions; Mixed Methods; Cities;  
Commons; Agriculture; Arctic; Forestry; Water

**SECTION 1: RESEARCH**

**PEER-REVIEWED PUBLICATIONS**

JOURNAL ARTICLES

In press

45 Nyaupane, G.P., S. Poudel, A. York. Governance of protected areas: an institutional analysis of  
conservation, community livelihood, and tourism outcomes. *Journal of Sustainable Tourism*, 1-  
20

2021

44 Yazar, M.\* , A. York, G. Kyriakopoulos. 2021. Heat exposure and the climate change beliefs in a Desert City: The case of Phoenix metropolitan area. *Urban Climate*, 36(100769).

2020

43 Brown, J.A., Larson, K.L., Lerman, S.B., Childers, D.L., Andrade, R., Bateman, H.L., Hall, S.J., Warren, P.S. and York, A.M., 2020. Influences of Environmental and Social Factors on Perceived Bio-Cultural Services and Disservices. *Frontiers in Ecology and Evolution*, 8(569730).

42 York, A.M., Eakin, H., Bausch, J.C., Smith-Heisters, S., Anderies, J.M., Aggarwal, R., Leonard, B. and Wright, K., 2020. Agricultural Water Governance in the Desert: Shifting Risks in Central Arizona. *Water Alternatives*, 13(2), pp.418-445.

41 Andrade, R., Franklin, J., Larson, K.L., Swan, C.M., Lerman, S.B., Bateman, H.L., Warren, P.S. and York, A., 2020. Predicting the assembly of novel communities in urban ecosystems. *Landscape Ecology*, pp.1-15.

40 Locke, D.H.†, **A. York**, J.M. Grove. Know your watershed and know your neighbor: Paths to supporting urban watershed conservation and restoration in Baltimore, MD and Phoenix, AZ *Landscape and Urban Planning* (195) March 2020, 103714.

2019

39 **York, A.**, A. Sullivan, J.C. Bausch†. 2019. Cross-scale Interactions of Socio-hydrological Subsystems: Examining the Frontier of Common Pool Resource Governance in Arizona. *Environmental Research Letters* (14) 12501.

38 Smith, V.K, K.L. Larson, **A. York** 2019. Using quality signaling to enhance survey response rates. 2019. *Applied Economics Letters*, 1-4.

37 Larson, K., E. Corley, R. Andrade, S. Hall, **A. York**, S. Meerow, P. Coseo, D. Childers, D. Hondula. 2019. Subjective evaluations of ecosystem services and disservices: an approach to creating and analyzing robust survey scales. *Ecology and Society* 24(2).

36 Ruseva, T., M. Foster\*, G. Arnold, S. Siddiki, **A. York**, R. Pudney\*, and Z. Chen\* 2019. Applying Policy Process Theories to Environmental Governance Research: Themes and New Directions. *Policy Studies Journal Yearbook*. 47. SS66-SS95.

2018

35 Sullivan, A.\* , L. An, L., and **A. York**. 2018 Which Perspective of Institutional Change Best Fits Empirical Data? An Agent-Based Model Comparison of Rational Choice and Cultural Diffusion in Invasive Plant Management. *Journal of Artificial Societies and Social Simulation*, 21(1), 1-5.

34 Wentz E.A., A.M. **York**, M. Alberti , L. Conrow, H. Fischer, L. Inostroza, C. Jantz , S.T. Pickett, K.C. Seto, H. Taubenböck . Six fundamental aspects for conceptualizing multidimensional urban form: A spatial mapping perspective. *Landscape and Urban Planning*. 2018 Nov 1: 179:55-62.

33 Hopkins, K. G.†, N. B. Grimm and A. M. **York**. 2018. Influence of governance structure on green stormwater infrastructure investment. *Environmental Science & Policy* 84:124-133.

2017

32 Kane, K.\* and A.M. **York**., 2017. Prices, policies, and place: What drives greenfield development? *Land Use Policy*, 68: 415-428.

31 Ripplinger, J.\* , S. L. Collins, A. M. **York** and J. Franklin. 2017. Boom-bust economics and vegetation dynamics in a desert city: How strong is the link? *Ecosphere* 8(5):e01826.

30 Schoon, M. L., A. M. **York**, A. Sullivan\* and J. Baggio. 2017. The emergence of an environmental governance network: The case of the Arizona borderlands. *Regional Environmental Change* 17(3):677-689.

29 Sullivan, A.\* , A. M. **York**, L. An, S. T. Yabiku and S. J. Hall. 2017. How does perception at multiple levels influence collective action in the commons? The case of *Mikania micrantha* in Chitwan, Nepal. *Forest Policy and Economics* 80(Jul):1-10.

28 Sullivan, A.\* , A. M. **York**, D. D. White, S. J. Hall and S. T. Yabiku. 2017. De jure versus de facto institutions: Trust, information, and collective efforts to manage the invasive mile-a-minute weed (*Mikania micrantha*). *International Journal of the Commons* 11(1).

27 **York**, A. M., K. Kane\*, C. M. Clark†, L. E. Gentile\*, A. Wutich and S. L. Harlan. 2017. What determines public support for graduated development impact fees? *State and Local Government Review* 49(1):15-26.

2016

26 Eakin, H., A. **York**, R. Aggarwal, S. Waters, J. Welch\*, C. Rubinos\*, S. Smith-Heisters\*, C. Bausch\* and J. M. Anderies. 2016. Cognitive and institutional influences on farmers' adaptive capacity: Insights into barriers and opportunities for transformative change in central Arizona. *Regional Environmental Change* 16(3):801-814.

25 Smith, M. E., T. Dennehy\*, A. Kamp-Whittaker\*, B. W. Stanley, B. L. Stark† and A. M. **York**. 2016. Conceptual approaches to service provision in cities throughout history. *Urban Studies* 53(8):1874-1590.

- 24 Smith, M. E., B. L. Stark, W. Chuang†, T. J. Dennehy\*, S. L. Harlan, A. Kamp-Whittaker\*, B. W. Stanley† and A. M. **York**. 2016. Comparative methods for premodern cities: Coding for governance and class mobility. *Cross-Cultural Research* 50(5):415-451.
- 23 Stanley, B. W.†, T. J. Dennehy\*, M. E. Smith, B. L. Stark, A. M. **York**, G. L. Cowgill, J. Novic\* and J. Ek. 2016. Service access in premodern cities: An exploratory comparison of spatial equity. *Journal of Urban History* 42(1):121-144.
- 2015
- 22 Bausch, J. C.\*, H. Eakin, S. Smith-Heisters\*, A. M. **York**, D. D. White, C. Rubinos\* and R. M. Aggarwal. 2015. Development pathways at the agriculture-urban interface: The case of central Arizona. *Agriculture and Human Values* 32(4):743-759.
- 2014
- 21 Kane, K.\*, J. Tuccillo, A. M. **York**, L. Gentile\* and Y. Ouyang\*. 2014. A spatio-temporal view of historical growth in downtown Phoenix, Arizona, USA. *Landscape and Urban Planning* 121(2014):70-80.
- 20 Kane, K.\*, A. M. **York**, J. Tuccillo, L. Gentile\* and Y. Ouyang\*. 2014. Residential development during the Great Recession: A shifting focus in Phoenix, Arizona. *Urban Geography* 35(4):486-507.
- 19 **York**, A., J. Tuccillo, B. Bolin, C. Boone, L. E. Gentile, B. Schoon and K. Kane. 2014. Zoning and land use: A tale of incompatibility and environmental injustice in early Phoenix. *Journal of Urban Affairs* 36(5):833-853.
- 2013
- 18 **York**, A.M., Feiock, R.C. and Steinacker, A., 2013. Dimensions of economic development and growth management policy choices. *State and Local Government Review*, 45(2), pp.86-97.
- 17 Childs, C.\*, A. M. **York**, D. White, M. L. Schoon and G. S. Bodner. 2013. Navigating a murky adaptive comanagement governance network: Agua Fria watershed, Arizona, USA. *Ecology and Society* 18(4):Art. 11.
- 16 Wutich, A. Y., A. Brewis, A. M. **York** and R. Stotts\*. 2013. Rules, norms, and injustice: A cross-cultural study of perceptions of justice in water institutions. *Society and Natural Resources* 26(7):795-809.
- 15 Zhang, S.\*, A. M. **York**, C. G. Boone and M. Shrestha†. 2013. Methodological advances in the spatial analysis of land fragmentation. *Professional Geographer* 65(3):512-526.

2012

- 14 Boone, C. G., E. M. Cook\*, S. J. Hall, M. L. Nation, N. B. Grimm, C. B. Raish, D. M. Finch and A. M. **York**. 2012. A comparative gradient approach as a tool to understanding and managing urban ecosystems. *Urban Ecosystems* 15(4):795-807.
- 13 Shrestha, M.†, A. M. **York**, C. G. Boone and S. Zhang\*. 2012. Land fragmentation due to rapid urbanization in the Phoenix Metropolitan Area: Analyzing the spatiotemporal patterns and drivers. *Applied Geography* 32(2):522-531.
- 12 Wutich, A. Y., A. M. **York**, A. A. Brewis, R. Stotts\* and C. M. Roberts\*. 2012. Shared cultural norms for justice in water institutions: Results from Fiji, Ecuador, Paraguay, New Zealand, and the U.S. *Journal of Environmental Management* 113:370-376.

2011

- 11 Schoon, M. L.† and A. M. **York**. 2011. Cooperation across boundaries: The role of political entrepreneurs in environmental collaboration. *Journal of Natural Resource Policy Research* 3(2):113-123.
- 10 **York**, A. M., A. Barnett\*, A. Y. Wutich and B. Crona. 2011. Household bottled water consumption in Phoenix: A Lifestyle Choice. *Water International* 36(6):708-718.
- 9 **York**, A. M. and M. L. Schoon†. 2011. Collaboration in the shadow of the Wall: Shifting power in the borderlands. *Policy Sciences* 44:345-365.
- 8 **York**, A. M. and M. L. Schoon†. 2011. Collective action on the Western range: Coping with external and internal threats. *International Journal of the Commons* 5(2):388-409.
- 7 **York**, A. M., M. Shrestha†, C. G. Boone, S. Zhang\*, J. Harrington, T. Prebyl\*\*, A. Swann, M. Agar, M. Antolin, B. Nolin, J. Wright and R. Skaggs. 2011. Land fragmentation under rapid urbanization: A cross-site analysis of southwestern cities. *Urban Ecosystems* 14(3):429-455.
- 6 **York**, A. M., M. E. Smith, B. W. Stanley\*, B. L. Stark, J. Novic\*, S. L. Harlan, G. L. Cowgill and C. G. Boone. 2011. Ethnic and class-based clustering through the ages: A transdisciplinary approach to urban social patterns. *Urban Studies* 48(11):2399-2415. **Selected as one of two "interdisciplinary agenda-setting pieces of research"** in *Urban Studies* for the Virtual Special Issue: "Spatial Housing Economics." *Urban Studies*. 2016. 53(10)  
<https://doi.org/10.1177%2F0042098016642962>.

2010

- 5 **York**, A. M., and D.K. Munroe. 2010. Urban encroachment, forest regrowth and land-use institutions: Does zoning matter? *Land Use Policy*, 27(2): 471-479.

5

- 4 Kauneckis, D., and A. M. **York**. 2009. An empirical evaluation of private landowner participation in voluntary forest conservation programs. *Environmental Management*, 44(3): 468-484.

2006

- 3 **York**, A. M., M. A. Janssen, and L. A. Carlson. 2006. Diversity of incentives for private forest landowners: an assessment of programs in Indiana, USA. *Land Use Policy*, 23(4): 542-550.

2005

- 2 Munroe, D. K., C. Croissant, A. M. **York**. 2005. Land use policy and landscape fragmentation in an urbanizing region: Assessing the impact of zoning. *Applied Geography*, 25(2): 121-141.

2003

- 1 Munroe, D. K. and A. M. **York**. 2003. Jobs, Houses, and Trees: Changing Regional Structure, Local Land-Use Patterns, and Forest Cover in Southern Indiana. *Growth and Change*, 34(3): 299-320.

#### BOOK CHAPTERS

2018

- 7 **York**, A.M. and C.G. Boone. 2018. Inventing Phoenix: Land Use, Politics, and Environmental Justice. In G. Buckley and Y. Youngs. *The American Environment Revisited: Environmental Historical Geographies of the United States*. Chapter 9. 161-180. Rowman and Littlefield. Landham, MD.

2017

- 6 Sullivan, A.\*, A. M. **York**, and S. Yabiku. 2017. Moving Toward Sustainability: Integrating Generational Equity into Institutional Analysis. In Filippo Sabetti and Dario Castiglione (eds) *Institutional Diversity in Self-Governing Societies: The Bloomington School and Beyond*. Chapter 10. Lanham, MD: Lexington Books.

2013

- 5 Wutich, A., A. Brewis, S. Sigurdsson\*, R. Stotts\*, and A. M. **York**. 2013. Fairness and the Human Right to Water: A Preliminary Crosscultural Theory. in *The Social Life of Water in a Time of Crisis*. John Wagner (ed). Chapter 11. Berghahn Books: New York.

- 4 Bolin, B., J. Declet-Barreto, M. Hegmon, L. Meierotto, and A. **York**. 2013. Shifting Patterns of Risk: The Paradox of Environmental in Urbanization and Sustainability: Linking Urban Ecology, Environmental Justice and Global Environmental Change Series: Human-Environment

6

Interactions. Christopher G. Boone and Michail Fragkias (eds.) Chapter 10: 159-178. Springer Press: New York.

- 3 **York**, A.M. and D. K. Munroe. 2013. Land-use Institutions and Natural Resources in Fast-Growing Communities at the Urban-Rural Fringe. In Human- Environment Interactions: current and future directions. Eduardo Brondizio and Emilio F. Moran (eds.) Chapter 13: 295-318. Springer Press: New York.

2008

- 2 Evans, T.P., A.M. **York**, and Elinor Ostrom. 2008. Institutional Dynamics, Spatial Organization and Landscape Change. in Political Economies of Landscape Change: Places of Integrative Power. Wescoat, James L., Jr. and Doug Johnston (eds). Chapter 5: 111-130. Springer: New York.

2005

- 1 **York**, A.M., Marco Janssen, and Elinor Ostrom. Incentives Affecting Decisions of NonIndustrial Private Forest Landowners. Peter Dauvegrne (ed.) Global Environmental Politics. Chapter 15: 233-248. Edward Elgar Publishing: Cheltenham, UK.

#### SPECIAL ISSUE EDITOR

2019

- 1 **York**, A.M., J.M. Grove, D. Locke. (Editors) Advancing Urban Sustainability through a Diverse Social-Ecological System Research Agenda. *Sustainability*.  
[https://www.mdpi.com/journal/sustainability/special\\_issues/urban\\_ecological\\_sys#editors](https://www.mdpi.com/journal/sustainability/special_issues/urban_ecological_sys#editors)

#### EDITED BOOK (Reviewed by Editors)

2019

- 1 Kremers, K., A. Liepens, A.M. **York**. Edited Volume. *Agents of Change: Graduate Training for Leadership in Sustainability*. University of Minnesota Library. Release Date December 4, 2019  
<https://open.lib.umn.edu/changeagents/front-matter/cover/>

#### EDITED BOOK CHAPTER (Reviewed by Editors)

2019

- 1 Kremers, K., A. Liepens, **A.M. York**. 2019. The Key Capacities Needed to Develop Change Agents. in Kremers, K., A. Liepiz, A.M. York. Edited Volume. *Agents of Change: Graduate Training for Leadership in Sustainability*. University of Minnesota Library. Release Date December 4, 2019  
<https://open.lib.umn.edu/changeagents/front-matter/cover/>

Role: developed the literature review; led the conceptual framing

PEER-REVIEWED CONFERENCE PROCEEDINGS

2002

- 1 Carlson, L., M. Janssen, T. Myint\*, E. Ostrom, and A.M. **York**. Empirical Foundations for Agent-Based Modeling: How do institutions affect agents' land-use decision processes in Indiana? In Proceedings of the Agent 2002 Conference on Social Agents: Ecology, Exchange, and Evolution. 133-145. Chicago, Ill. Argonne National Laboratory, University of Chicago.  
<http://www.agent2003.anl.gov/proceedings/2002.pdf>.

NON-PEER-REVIEWED PROFESSIONAL AND COMMUNITY PUBLICATIONS

2020

- 11 Lobo, J., M. Alberti, M. Allen-Dumas, E. Arcaute, M. Barthelemy, L. Bojorquez Tapia, S. Brail, L. Bettencourt, A. Beukes, W-Q. Chen, R. and Florida, M. Gonzalez, N. Grimm, M. Hamilton, C. Kempes, C. Kontokosta, C. Mellander, Z. Neal, S. Ortman, D. Pfeiffer, M. Price, A. Revi, C. Rozenblat, D. Rybski, M. Siemiatycki, S. Shutters, M.E. Smith, E.C. Stokes, D. Strumsky, G. West, D. White, J. Wu, V.C. Yang, **A. York**, H. Youn. Urban Science: Integrated Theory from the First Cities to Sustainable Metropolises (January 28, 2020). Report submitted to the NSF on the Present State and Future of Urban Science, 2020. Available at SSRN:  
<https://ssrn.com/abstract=3526940> or <http://dx.doi.org/10.2139/ssrn.3526940>

2019

- 10 Eakin, H, **A. York**, R. Aggarwal, and J. Parajuli\*. Section 7. Adapting to Climate Change Impacts: Question: What policies should Congress adopt to help farmers, ranchers, and natural resource managers adapt to the impacts of climate change? Coordinate across sectors and scales, Agriculture produces diverse benefits, Data is needed for effective planning and decision making” Response to the U.S. House Select Committee on the Climate Crisis Request for Information. Julie Ann Wrigley Global Institute of Sustainability. Arizona State University. November 22, 2019 (pages 41-44)  
<https://d3dqsm2futmewz.cloudfront.net/docs/gios/2019/ASU-RFI-Response-20191122.pdf>.

2017

- 9 Larson, K., R. Andrade\*, **A.M. York**. 2017. “The Phoenix Area Social Survey IV: Linking Social and Biophysical Dynamics in Urban Neighborhoods.”  
<https://sustainability.asu.edu/docs/reports/PASS-IV-2017-report.pdf>



2016

- 8 **York**, A.M. Contribution to “Common threads: connections among the ideas of Jane Jacobs and Elinor Ostrom, and their relevance to urban socio-ecology.” For *Nature of Cities*.  
<https://www.thenatureofcities.com/page/16/?cat=coasts>

2013

- 7 Eakin, H., J.C. Bausch\*, A.M. **York**, S. Smith-Heister\*, R. Aggarwal, J.M. Anderies, and S. Waters. “Perspectives of Central Arizona Farmers on Water, Risk and Change in Agriculture.”  
<http://azfarmersurvey.wordpress.com/home/>

2010

- 6 Smith, M.E., C. Boone, G.L. Cowgill, S.L. Harlan, A. Kohnt, B.L. Stark, and A.M. **York**. An Expanded Social Scientific Perspective on Urbanism. White Paper, Future Research in the Social, Behavioral and Economic Sciences. NSF, Washington, DC.  
[http://www.nsf.gov/sbe/sbe\\_2020/submission\\_detail.cfm?upld\\_id=101](http://www.nsf.gov/sbe/sbe_2020/submission_detail.cfm?upld_id=101)

2009

- 5 Zhang, S.\* , A.M. **York**, C. Boone, and M. Shrestha†. 2009. Landscape Fragmentation under Rapid Urbanization. Perspectives. Urban Global Environmental Change.
- 4 Zhang, Sainan\*, A.M. **York**, C. Boone, and M. Shrestha†. 2009. Landscape Fragmentation under Rapid Urbanization. Action Arena. Center for the Study of Institutional Diversity. Spring.

2007

- 3 Tuner, R., A.M. **York**, B. Crawford\*. 2007. Northlands Affordable Housing Report.
- 2 **York**, A.M. 2007. Bloch Community Report. Bloch School of Business and Public Administration. University of Missouri-Kansas City.

2001

- 1 E. Khamaganova, T. Ludewigs, E. L Namubiru, N. M Singh, C. Stock, S. Svendsen, **A. York**, N. Ali, A. Arias, C. Benjamin, C. Dary, A. Gautam, S. Khaling, I. Monterosso, E. R. Ojha, G. Sigu, C. Thoms. 2001. Revisiting the Elf Lore Family and the Lothlorien Forest. International Forestry Resources and Institutions. Indiana University. Bloomington, IN.

#### EXTERNAL AWARDED GRANTS

2019

- 14 NSF NNA Track 1: Collaborative ARC-NAV: Arctic Robust Communities-Navigating Adaptation to Variability PI: **York** (Total: \$2,995,996, ASU Portion \$1,415,570 Personal Recognition: \$495,450) 9/1/2019-8/31/2024

2018

- 13 USDA Evaluating Alternative Water Institution Performance in Snow-Dominated Basin: Are Food Productions Systems at Risk from Changing Snow Water Availability? PI: **York** (Total: \$376,234 Personal Recognition: \$376,234) 6/1/2018-5/31/2023
- 12 NSF LTER: CAP IV - Investigating urban ecology and sustainability through the lens of Urban Ecological Infrastructure PI: Childers, co-PI: **York** (Total: \$4,507,998 Personal Recognition: \$180,319.92)

2017

- 11 NSF 1658960 Collaborative Research: Escaping the boom-bust cycle: Identifying sustainable governance strategies for shale-dependent communities PI: **York** (Total: \$351,581 Personal Recognition: \$351,581) 6/1/2017-5/31/2020

2016

- 10 NSF 1637590 LTER CAP IV: Design with Nature PI: Childers, co-PI: **York** (Total: \$2,254,000 Personal Recognition: \$90,160) 12/1/2016-11/30/2018

2015

- 9 NSF 029001-001 DMUU: DCDC III: Transformational Solutions for Urban Water Sustainability Transit PI: White, co-PI: **York** (Total: \$3,865,729 Personal Recognition: \$77,315) 9/1/2015-8/31/2019

2013

- 8 NSF 1260344 Service Access in Premodern Cities PI: Smith, co-PI: **York** (Total: \$404,674 Personal Recognition: \$121,402) 6/15/2013-5/31/2017

2012

- 7 NSF 1211498 CNH: Feedbacks between human community dynamics and socio-ecological vulnerability in a biodiversity hotspot PI: Yabiku, co-PI: **York** (Total: \$1,449,521 Personal Recognition: \$405,865.88) 9/1/2012-6/30/2016

10

2011

- 6 National Oceanic Atmospheric Administration 024833-001 Risk perception institutions and water conservation: Enhancing agricultural adaptation to future water scarcity in central Arizona  
PI: Eakin, co-PI: **York** (Total: \$300,000 Personal Recognition: \$90,000) 8/1/2011-8/31/2014

2010

- 5 NSF 024220-001 CAP3: Urban Sustainability in the Dynamic Environment of Central Arizona USA  
PI: Grimm, co-PI: **York** (Total: \$5,951,984 Personal Recognition: \$119,039.68) 12/1/2010-11/30/2018
- 4 NSF 0948749 Collaborative Research: Land and Water Use Decision-Making and Ecosystem Services along a Southwestern Socio-Ecological Gradient PI: Boone, co-PI **York** (Total: \$59,143 Personal Recognition: \$7688.59) 10/1/2010-3/31/2013
- 3 NSF 0951366 Decision Center for a Desert City II - Urban Climate Adaptation PI: Gober, co-PI: **York** (\$6,506,908 Personal Recognition: \$65,069.08) 9/1/2010-8/31/2016

2006

- 2 NSF 017757-001 Cap LTER: Phase 2 - 2006 International & General Supplements PI: Grimm, co-PI: **York** (Total: \$67,529 Personal Recognition: \$675) 7/6/2006-11/30/2011 (added to the grant after it began)
- 1 NSF 015475-001 Central Arizona Phoenix LTER: Phase 2 PI: Grimm, co-PI: **York** (Total: \$1,639,984 Personal Recognition: \$16,400) 7/6/2006-11/30/2011 (added to the grant after it began)

## SECTION 2: TEACHING AND MENTORSHIP

### SUMMARY OF STUDENT SUPERVISION

#### Undergraduate Students (Supervised Honors Thesis)

##### *Graduated*

Bridgette Gilliland, 2011 (committee member)

Post-graduation: Edmund A. Walsh School of Foreign Service at Georgetown University

Emily (Pedersen) Fetherstone, 2011 (chair)

Post-graduation: Communication Director Local First Arizona

Violet Konopka, 2020 (chair)

Post-graduation: Legal Assistant at Katmai Government Services, Westminster, CO

Hyejung Lim, 2013 (committee member)

Post-graduation: Admissions Counselor Sungkyunkwan University  
Noah Livingston, 2019 (committee member)

Post-graduation: Executive Assistant at Victoria J Powell JD LLM LLC  
Alexandra Votaw, 2018 (committee member)

Post-graduation: Georgetown Law School

*Current*

Aidan Hernandez (chair)

Undergraduate Students (Faculty Mentor Directed Study)

Jordan Rydman (Supervisor), 2020

Angela Palma (Supervisor), 2019

Aaron Ruiz (Supervisor), 2020

Derek Duba (Supervisor), 2020

Shengdo Li (Supervisor), 2020

Undergraduate Students (Lab Interns/Volunteers)

*Graduated*

Erin Brechbiel, 2015

Post-graduation: Duo Security

Sandra Childers, 2020

Post-graduation: Regional Analytics Research Data Intern at Maricopa Association of Governments (MAG), Arizona State University Graduate School

Justin Helepololei, 2010

Post-graduation: PhD Student Anthropology, University of Massachusetts, Amherst

Hannah Griffiths, 2016 BA Economics, BS Environmental Science Villanova

Post-graduation: Technical Services Representative at Triumvirate Environmental

Joseph Tuccillo, 2012

Post-graduation: PhD Student in Geography, University of Colorado-Boulder

Joy Ren, 2018

Post-graduation: Masters Public Administration Student, Watts College of Public Service & Community Solutions, Arizona State University

Jordan Rydman, 2020

*Past*

Garret Citrin, Intern 2018-2020

Vanessa Guenechea, Intern 2020

Elizabeth Hartley, Intern 2019-2020

Matthew Kipper, Minnesota State University Undergraduate, Intern 2020

Alexander Seng, Intern 2020

Rebekah Thimlar, Intern 2019

*Current*

Aidan Hernandez, Intern 2018-2021

Morgan Kempf, Intern 2019-2021  
Maygen Sherwood, Intern 2021

### M. A. Students

#### *Graduated*

Cameron Childs, M. A. In sustainability, 2013 (Chair)  
Post-graduation: Senior Manager of Sustainable Waste Program at Nike  
Emma Laurens, Environmental Social Sciences, 2019 (Chair)  
Ann Marie Raymond, M. A. In Sustainability, 2013 (Co-chair)  
Post-graduation: Ecologist at Bureau of Land Management  
Chris Sanchez, M. A. In Sustainability, 2019 (Committee Member)  
Post-graduation: Project Manager, Healthy Urban Environments, Global Institute of  
Sustainability and Innovation  
Riley Smith, M. A. In sustainability, 2011 (Committee Member)  
Jessica Welch, M.S.U.S. In Sustainability, 2015, (Chair)  
Post-graduation: Senior Research Associate at The Trust for Public Land

### Doctoral Students

#### *Graduated*

Melissa Beresford, PhD in Anthropology, 2018 (committee member)  
Post-graduation: Assistant Professor San Jose State University  
Christina Brelsford, PhD in Sustainability, 2014 (co-chair)  
Post-graduation: Research Scientist in the Geospatial Science and Human Security Division at  
Oak Ridge National Laboratory  
Nonso Chidebell-Emordi, PhD in Sustainability, 2015 (chair)  
Post-graduation: Arizona Corporation Commission  
Lauren Gentile, PhD in Environmental Social Science, 2016 (Committee member)  
Post-graduation: Geographer, Environmental Protection Agency  
Rebecca Hale, PhD in Environmental Life Sciences, 2013 (Committee member)  
Post-graduation: Research Assistant Professor Idaho State University  
Kevin Kane, PhD in Geography, 2015 (Committee member)  
Post-graduation: Program Manager, Demographics and Housing Policy at Southern California  
Association of Governments  
Sarah McCool, PhD in Global Health, 2016 (Committee member)  
Post-graduation: Clinical Assistant Professor at Georgia State University  
Elicia Ratajczyk, PhD in Environmental Social Science, 2018 (Committee member)  
Post-graduation: Project Manager & Researcher at the Institute for the Built Environment and  
the Institute for Research in Social Science at Colorado State University  
Julie Ripplinger, PhD in Environmental Life Sciences, 2015 (Committee member)  
Post-graduation: Postdoctoral Researcher at University of California, Riverside  
Abigail Sullivan, PhD in Environmental Social Science, 2016 (chair)  
Post-graduation: Assistant Professor, Boston University  
Carissa Taylor, PhD in Sustainability, 2015 (Committee member)  
Post-graduation: Author

Sainan Zhang , PhD in Sustainability, 2013 (Committee member)  
Post-graduation: Technical Specialist at United Nations Population Fund (UNFPA)

*Current*

Adrian Chase, Anthropology-Archaeology (Committee member)  
Stephen Elser, Environmental Life Sciences (Committee member)  
Tashi Gurung, Environmental Life Sciences (Committee member)  
Katherine Wright, Sustainability (Committee member)  
Mahir Yazar, Environmental Social Sciences (Chair)  
Maria Monakhova (Chair)

Post-doctoral Fellows

Dexter Locke (co-advise), 2017-2019  
Post fellowship: US Forest Service  
Kristina Hopkins (co-advise), 2016-2018  
Post fellowship: US Geological Society  
Milan Shrestha (co-advise), 2010-12  
Post fellowship: Senior Instructor, School of Sustainability, Arizona State University

**SECTION 3: SERVICE**

International Conference Service

2020 Earth System Governance Annual Meeting, Paper Selection Committee (review 21 papers)  
2018 Society for Economic Anthropology, Advisory Committee  
2010 Resilience Open Science Meeting, Organizing Committee  
2010 International Association for the Study of the Commons North American Regional Meeting, Organizing Committee

National Conference Service

2020 Western Political Science Association Annual Meeting, Environmental Governance Mini-Conference Organizer (6 panels, 28 papers-canceled due to COVID-19), April 10, 2020.  
2019 Western Political Science Association Annual Meeting, Environmental Governance Mini-Conference Organizer (8 panels, 38 papers)  
2019 Western Political Science Association Annual Meeting, Keynote Speaker Advisory Committee

Workshop Organizer

2019 Adaptive Governance: Agricultural and Water Decision-making, North American Regional Meeting, International Association for the Study of the Commons, Tucson, AZ March 7-8, 2019, Working Group Organizer  
2018 Integrating stakeholder engagement and social science research within LTER. NSF Long-Term Ecological Research Network All Scientist Meeting. Workshop and Working Group, Co-organizer

- 2015 Long-term Ecological Research Network, Assessing Interdisciplinary and Social Science Contributions to Long Term Ecological Research, Workshop Co-organizer
- 2013 Long-Term Ecological Research Network Funded Workshop. "Urbanization, Institutions, and Sustainability Workshop." Skysong, Arizona State University, Scottsdale, AZ. January 10-11, 2013. Workshop Organizer.
- 2011 Late Lessons in Early History Funded Workshop. "Zoning History, Land Use, and Environmental Justice." Arizona State University. Tempe, AZ. November 3-4, 2011. Workshop Organizer.
- 2009 Working Group Coordinator. Local Governance. Workshop on the Workshop 4. Indiana University, Bloomington, IN. June 3-6, 2009.
- 2004 Southern Indiana Collaborative Management Experience. Forest Land Conservation an Indiana Portfolio. Joint Workshop Purdue University and Indiana University Nashville, Ind. Nov. 10, 2004. Workshop organizer, presentation, and participation.

#### External Advisory Boards

Workshop of the Ostrom Workshop Advisory Committee, Indiana University, 2020- (External Affiliate Representative)

### **SECTION 4: AWARDS**

#### Awards

- 2017 SESYNC Distinguished Scholar, Selected to Mentor in Postdoctoral Immersion Program. \$2,000
- 2010 ASU School of Sustainability. Real-World Learning Experience Fellow. \$1,500.
- 2006 Indiana University Esther Kinsley Best Ph.D. Dissertation Award, \$1,000.
- 2004 Lincoln Institute of Land Policy Dissertation Fellow, \$10,000.

### **SECTION 5: PROFESSIONAL DEVELOPMENT AND AFFILIATIONS**

#### Professional Development

- 2019-20 ACUE Effective Teaching Practices, Arizona State University
- 2018 Leadership Teach-in, Leopold Leadership Program, University of Minnesota May 29-31, 2018
- 2016-17 Global Institute of Sustainability Team Leadership Academy
- 2012-14 Global Institute of Sustainability Lightworks Leadership Academy
- 2009 Online Teaching Symposium, Workshop at ASU, May 6, 2009
- 2008 CLA in the Classroom Academy, Workshop at ASU, November 6-7, 2008
- 2008 The Harvard Networks in Political Science Conference, Cambridge, MA, June 13-14.
- 2006 Diversity Curriculum Infusion Institute, UMKC Office of Diversity and Equity.

### **SECTION 6: COMMUNICATION**

#### Popular Media Coverage

Interview with Nathan Halverson and Ike Sriskandarajah. "Tapping Arizona Water for Saudi Cows." <http://www.wbur.org/hereandnow/2015/11/03/arizona-water> 11/3/2015

Interview with Nathan Halverson and Ike Sriskandarajah "Growing Hay Half a World Away." <https://www.revealnews.org/episodes/high-and-dry-a-deep-dive-into-the-water-crisis/> 10/3/2015

Interview with Giovanni Ortalani. "Fighting a plant to save rhinos in Nepal." *Mongabay*. 5/5/2017 <https://news.mongabay.com/2017/05/fighting-a-plant-to-save-rhinos-in-nepal/>

Interview with Katie Calderon. "Professors research alternatives to whale conservation." *The State Press*. <http://www.statepress.com/article/2014/01/professors-research-alternatives-to-whale-conservation> 1/12/2014

Interview with Michelle Everson. "Cotton Perspectives." *Green Living AZ*. <https://greenlivingaz.com/cotton-perspectives/> 9/11/2013

#### Blog Coverage

Replumbing Cities from Gray to Green. <https://www.sesync.org/blog/replumbing-cities-from-gray-to-green> 3/25/2015

Determining the sustainability of water, agriculture in Arizona. <https://phys.org/news/2014-04-sustainability-agriculture-arizona.html> 4/11/2014

Do ancient cities hold the key to equal, sustainable urban access? <https://phys.org/news/2014-01-ancient-cities-key-equal-sustainable.html> 1/22/2014

#### Project Websites

Perspectives of Central Arizona Farmers on Water, Risk, and Change in Agriculture <https://azfarmersurvey.wordpress.com/>