

CURRICULUM VITAE

UTE BRADY, PHD

SCHOOL OF LIFE SCIENCES | ARIZONA STATE UNIVERSITY

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RESEARCH INTERESTS

I use collective action, public policy, and political science methods and a linguistic approach called the Institutional Grammar to study how the design of institutions (e.g., rules, regulations, policies) can better influence decision making, policy implementation, and outcomes. My current projects address complex, cross-jurisdictional, social-ecological governance challenges, including international biodiversity conservation, digital knowledge commons, and regional/local sustainability efforts.

ACADEMIC POSITIONS

Postdoctoral Scholar. School of Life Sciences. Arizona State University, Tempe, Arizona (January 2022-present).

Visiting Scholar. School of Sustainability. Arizona State University, Tempe, Arizona (August-December 2021).

Postdoctoral Scholar. Maxwell School of Citizenship and Public Affairs. Syracuse University, Syracuse, New York (August 2020-July 2021).

EDUCATION

Ph.D. Environmental Social Science (August 2020)

Thesis: “Robust Conservation Anarchy: Comparing Treaty Institutional Design for Evidence of Ostrom’s Design Principles, Fit, and Polycentricity”

Committee: John M. Anderies, Michael Schoon, Ben A. Minteer, Leah Gerber, Saba Siddiki

M.A. Environmental Social Science (May 2015)

B.S. Sustainability (Sustainable Ecosystems) | Science, Technology and Society (minor) (December 2012)

RESEARCH SUPPORT

Awarded

2023-25 Debating the Who, What, and Where of the National Ecological Observatory Network (NEON)”

Co-PI (40%) | 240K | Sloan Foundation | PI Beckett Sterner, Co-PI Zoe Nyssa (Purdue)

- 2022-23 Scoping a Future Framework for the *Alliance* for Biodiversity Knowledge
Co-PI (33%) | 26K | Global Biodiversity Information Facility | PI Beckett Sterner,
Co-PI Zoe Nyssa (Purdue)
- 2016 Breaking the Code: Synthesizing coding efforts for Social-Ecological Systems
Research
Co-PI (25%) | Workshop Funding Support | National Socio-Environmental Synthesis
Center | Co-PIs: Elicia Ratajczyk, Graham Epstein (Waterloo), Frederike Gehrigk
(Martin-Luther University)

Under review

- 2023 Effective Design of Institutions and Data Sharing Platforms in International
Environmental Agreements
Co-PI (60%) | 390K | National Science Foundation | PI Beckett Sterner, Co-PI Zoe
Nyssa (Purdue)

Declined

- 2023 Effective Design of Institutions and Data Sharing Platforms in International
Environmental Agreements
Co-PI (60%) | 390K | National Science Foundation | PI Beckett Sterner, Co-PI Zoe
Nyssa (Purdue)
Proposal reviewed by three panels (11 reviewers) with favorable (good to excellent)
ratings from 10 reviewers, and competitive rankings from two of the three panels.

HONORS & AWARDS

- 2019 Career Development Grant. Arizona State University Graduate and Professional
Student Association (GPSA)
- 2017-2018 Numerous travel grants and awards. Arizona State University Graduate and
Professional Student Association (GPSA)
- 2017 Agriterra Grant. International Association for the Study of the Commons (IASC)
- 2017 Graduate Student Research Grant. School of Human Evolution and Social
Change, Arizona State University
- 2014-2015 University Graduate Fellowship. Arizona State University
- 2014 Doctoral Recruiting Fellowship. Arizona State University. \$1,742.00. 2014.

PUBLICATIONS

Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=k6363qsAAAAJ>
Total citations: 450 | h-index: 10 | i10-index: 10 | Accessed October 31, 2023

Journal articles (peer reviewed)

- Siddiki, S., Brady, U., Frantz, C.K. (2023). The Institutional Grammar: Evolving Directions
in Current Research. *International Review of Public Policy*. 5:2.
<https://journals.openedition.org/irpp/3550>

- Carr Kelman, C., **Brady, U.**, Schoon, M., Raschke, A.B. (2023). A Systematic Review of Key Factors of Effective Collaborative Governance of Social-Ecological Systems. *Society and Natural Resources*, 1-19. DOI: [10.1080/08941920.2023.2228234](https://doi.org/10.1080/08941920.2023.2228234)
- **Brady, U.** (2023). The grammar of monitoring and enforcement mechanisms in international conservation: A comparative institutional analysis of four treaty regimes. *Environmental Policy and Governance*, 1– 15. DOI: <https://doi.org/10.1002/eet.2045>
- Ambrose, G., Siddiki, S., & **Brady, U.** (2022). Collaborative governance design in local food systems in the United States. *Policy Design & Practice*. DOI: [10.1080/25741292.2022.2109253](https://doi.org/10.1080/25741292.2022.2109253)
- Schoon, M., Chapman, M., Loos, J., Speranza, C.I., Carr Kelman, C., Aburto, J., Alexander, S., Baggio, J., **Brady, U.**, Cockburn, J., Cundill Kemp, G., Garcia Lopez, G., Hill, R., Robinson, C., Thondlana, G., Trimble, M. & Whittaker, D. (2021). On the Frontiers of Collaboration and Conflict: How Context Influences the Success of Collaboration. *Ecosystems and People*, 17(1), 383-399. DOI: <https://www.tandfonline.com/doi/abs/10.1080/26395916.2021.1946593>
- Anderies, J.M., Barreteau, O. & **Brady, U.** (2019). Refining the Robustness of Social-Ecological Systems Framework for comparative analysis of coastal system adaptation to global change. *Regional Environmental Change*. DOI: <https://doi.org/10.1007/s10113-019-01529-0>
- Naylor, L.A., **Brady, U.**, Quinn, T. et al. (2019). A multiscale analysis of social-ecological system robustness and vulnerability in Cornwall, UK. *Regional Environmental Change*, 1-14. DOI: <https://doi.org/10.1007/s10113-019-01530-7>
- Guerbois C., **Brady, U.**, de Swardt, A.G. Fabricius, C. (2019). Nurturing ecosystem-based adaptations in South Africa’s Garden Route: a common pool resource governance perspective. *Regional Environmental Change*, 1-15. DOI: <https://doi.org/10.1007/s10113-019-01508-5>
- Bernstein M.J., Mancha-Cisneros M.M., Tyson M., **Brady U.**, Rubiños C.A., Shin H.C., Vallury S., Smith-Heisters S., Ratajczyk E., Anderies J.M., Janssen M.A. (2019). Mapping Ostrom’s common-pool resource systems coding handbook to the coupled infrastructure systems framework to enable comparative research. *International Journal of the Commons*, 13(1). DOI: <http://doi.org/10.18352/ijc.904>
- Therville, C., **Brady, U.**, Barreteau, O., Bousquet, F., Mathevet, R., Dhenain, S., Grelot, F., Brémond, P. (2018). Challenges for local adaptation when governance scales overlap. Evidence from Languedoc, France. *Regional Environmental Change*, 1-13. DOI: <https://doi.org.ezproxy1.lib.asu.edu/10.1007/s10113-018-1427-2>
- Ratajczyk, E., **Brady, U.**, Baggio, J. A., Barnett, A. J., Perez-Ibarra, I., Rollins, N., Rubiños, C., Shin, H. C., Yu, D. J., Aggarwal, R., Anderies, J. M., Janssen, M. A. (2016). Challenges and opportunities in coding the commons: problems, procedures, and potential solutions in large-N comparative case studies. *International Journal of the Commons*, 10(2), 440–466. DOI: <http://doi.org/10.18352/ijc.652>

- Baggio, J. A., Barnett, A. J., Perez-Ibarra, I., **Brady, U.**, Ratajczyk, E., Rollins, N., Rubiños, C., Shin, H. C., Yu, D. J., Aggarwal, R., Anderies, J. M., Janssen, M. A. (2016). Explaining success and failure in the commons: the configurational nature of Ostrom's institutional design principles. *International Journal of the Commons*, 10(2), 417–439. DOI: <http://doi.org/10.18352/ijc.634>
- Barnett, A. J., Baggio, J. A., Shin, H. C., Yu, D. J., Perez-Ibarra, I., Rubiños, C., **Brady, U.**, Ratajczyk, E., Rollins, N., Aggarwal, R., Anderies, J. M., Janssen, M. A. (2016). An iterative approach to case study analysis: insights from qualitative analysis of quantitative inconsistencies. *International Journal of the Commons*, 10(2), 467–494. DOI: <http://doi.org/10.18352/ijc.632>

Book chapters

- Nagtzaam, G.; & **Brady, U.** (2022). Global Biodiversity: Trends and Regulation. In R. Brinkmann (Ed.), *The Palgrave Handbook of Global Sustainability*. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-030-38948-2_39-1
- Nagtzaam, G.; & **Brady, U.** (2022). The State of the World's Natural Resources. In R. Brinkmann (Ed.), *The Palgrave Handbook of Global Sustainability*. Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-030-38948-2_34-1

Other publications (non-peer reviewed)

- Anderies, J.M., Barreteau, O., **Brady, U.** (2018). *Refinements of the Robustness Framework: Towards a Standardization of SES Adaptation Analysis*. (Working Paper CBIE WP-2018-007). Tempe, Arizona. Arizona State University, Center for Behavior, Institutions and the Environment (CBIE). Retrieved from CBIE website: https://complexity.asu.edu/cbie/working_papers/cbie_wp_2018-007
- Basurto, X., Bennett, A., Carter, D., Hanlon, J., Heikkila, T., Olivier, T., Schlager, E., Siddiki, S., Weible, C., **Brady, U.**, Lien, Aaron, Miller Chonaiew, S. (2018). *Institutional Analysis of Rules-in-Form Coding Guidelines*. (Working Paper CBIE WP-2018-006). Tempe, Arizona. Arizona State University, Center for Behavior, Institutions and the Environment (CBIE). Retrieved from CBIE website: <https://complexity.asu.edu/cbie/working-papers/institutional-analysis-rules-form-coding-guidelines>
- Bernstein, M. J., Mancha-Cisneros, M.D.M., Tyson, M., **Brady, U.**, Rubiños, C., Shin, H.C., Vallury, S., Smith-Heisters, S., Ratajczyk, E. (2018). *Making Sense of a Babbling Equilibrium across Common-pool Resources Frameworks*. (Working Paper CBIE WP-2018-005). Tempe, Arizona. Arizona State University, Center for Behavior, Institutions and the Environment (CBIE). Retrieved from CBIE website: <https://complexity.asu.edu/cbie/working-papers/making-sense-babbling-equilibrium-across-common-pool-resources-frameworks>
- Carr Kelman, C., **Brady, U.**, Baggio, J. A., Lee, J., Rojas, C., Srinivasan, J., Schoon, M. (2018). *Practitioner Brief on Factors for Effective Environmental Management Collaboration* (Working Paper CBIE WP-2018-003). Tempe, Arizona. Arizona State University, Center for Behavior, Institutions and the Environment (CBIE). Retrieved from

CBIE website: <https://complexity.asu.edu/cbie/working-papers/practitioner-brief-factors-effective-environmental-management-collaboration>

Work in progress

- Stamboulakis, D., Nagtzaam, G., Sanderson, J., and **U. Brady** (under contract). *BioTrade and Biodiversity Conservation: Public Regulation and Private Initiatives*. Routledge.
- **Brady, U.**, & Sterner, B. Symbiota biodiversity portals: A commons perspective. *International Journal of the Commons*.

PRESENTATIONS

- Brady, U. (2023). The grammar of monitoring and enforcement in international conservation governance. Biennial Conference of the Standing Group on Regulatory Governance (ECPR) Conference. Antwerp, Belgium. July 12-14, 2023.
- **Brady, U.** & Sterner, B. (2023). *From social dilemma to social panacea: Openness in natural and digital commons*. XIX Biennial International Association for the Study of the Commons (IASC) Conference. Nairobi, Kenya. June 19-24, 2023.
- **Brady, U.** & Sterner, B. (2022). *Exploring International Biodiversity Knowledge Commons Using the IG*. Second Annual IGRI Conference. Online. June 20-22, 2022.
- Sterner, B. & **Brady, U.** (2022). *Governance and the Social Epistemology of Data Integration for Global Biodiversity Loss*. 9th Annual Governance of Emerging Technologies and Science (GETS) Conference. Phoenix, Arizona. May 19-20, 2022.
- Brady, U. (2021). *Making sense of constitutive institutional arrangements in international conservation governance: Building a rule typology*. Inaugural Institutional Grammar Research Initiative (IGRI) Conference: Coming Together, Building Together: Exploring Contemporary and Future Directions in Institutional Grammar Research. Online. June 21-23, 2021.
- Brady, U. (2019). *Comparing International Conservation Treaty Rule Structures for Evidence of Robustness and Polycentricity*. Workshop on the Ostrom Workshop (WOW6): Governance: Past, Present, and Future. Indiana University, Bloomington, Indiana. June 19-21, 2019.
- Brady, U. (2019). *International Conservation Treaties and Biodiversity Declines: Comparing Written and Perceived Rule Configurations to Assess Treaty Effectiveness in Generating Behavior Change*. Workshop on the Ostrom Workshop (WOW6) – Governance: Past, Present, and Future. Indiana University. Bloomington, Indiana. June 19-21, 2019.
- Brady, U. (2019). *Robust Anarchy and Fit: Treaties and International Wildlife Conservation*. Second Annual “Working Together on the Commons” Workshop of the International Association for the Study of the Commons. University of Arizona. Tucson, Arizona. March 7-8, 2019.
- **Brady, U.**, Anderies, John M., Barreteau, O., Therville, C., Brown, K., Fabricius, C. Naylor, L. (2017). *Facing global changes with resource over-appropriation and under-provision of public services: Exploring robustness-fragility trade-offs in three coastal areas*. Contributed

session oral presentation. Resilience 2017 Conference. Stockholm, Sweden. August 20-23, 2017.

- Brady, U. (2017). *Coding Anarchy: Using the IGT to decipher the enigma of international wildlife governance*. 16th Biennial Conference of the International Association for the Study of the Commons. Utrecht, the Netherlands. July 10-14, 2017.
- Brady, U. (2017). *Coding Anarchy: Utilizing the Institutional Grammar Tool to understand institutional feedbacks and fit of international wildlife governance treaties*. 2017 Association for Environmental Studies and Sciences (AESS) Conference. Tucson, Arizona. June 21-24, 2017.
- Brady, U. (2017). *Utilizing the Institutional Grammar Tool to Understand Institutional Feedbacks and Fit of International Wildlife Governance Treaties*. 75th Annual Midwest Political Science Association (MPSA) Conference. Chicago, Illinois. April 6-9, 2017.
- **Brady, U.**; and Anderies, J.M. (2015). *From Cornwall to Eden via Languedoc: A Comparative Analysis of Coastal Vulnerabilities to Climate Change in Britain, France, and South Africa*. Program on Ecosystem Change and Society (PECS) Conference. Stellenbosch, South Africa. November 3-5, 2015.
- Ratajczyk, E.; and **Brady, U.** (2015). *Challenges and opportunities in coding the commons: Problems, procedures, and potential solutions in large-N comparative case studies*. 15th Biennial Conference of the International Association for the Study of the Commons (IASC). Edmonton, Alberta. Canada. May 25-29, 2015.
- Brady, U. (2015). *The Red Herring of the Convention on International Trade In Endangered Species (CITES): The Ethical Implications of Applying a Conservation Discourse to a Trade Agreement*. Master's-in-Passing presentation at the School of Human Evolution and Social Change's Annual Symposium. Arizona State University. Tempe, Arizona. April 24, 2015.

Invited presentations & guest lectures

- EUI School of Transnational Governance. 2021. Guest Lecture (virtual). "Institutional design of regulative monitoring and enforcement mechanisms in international conservation governance: A comparison of four treaty regimes".

Poster presentations

- **Brady, U.** and Ratajczyk, E. (2015). Challenges and Opportunities in Coding the Commons. Center for Behavior, Institutions, and the Environment's (CBIE) Symposium and Workshop entitled *Sustaining the Commons: Interplay between Theory and Practice*. Arizona State University. Tempe, Arizona. March 19, 2015.

TEACHING EXPERIENCE

- Co-Instructor. IGRI Graduate Student Workshop.
 - Gjøvik, Norway (May 21-24, 2023)
 - Denver, Colorado. (June 20-22, 2022)

- Instructor. Syracuse University, Syracuse, New York.
 - Public Policy Process. Online Executive MPA Program. (Spring 2022)
 - Environmental Law, Regulation, and Governance (Fall 2020)
- Co-Instructor. Institutional Grammar Research Initiative (IGRI)
 - “Introduction to the Institutional Grammar 2.0”. University of Nairobi, Kenya. June 20, 2023
 - “Institutional Analysis with the Institutional Grammar”. Online training
 - April-May 2023
 - May-June 2022
 - July-Sep. 2021
 - “Institutional Grammar Coding — Foundations and Applications”. Online course (Nov.-Dec. 2020)
- Graduate Teaching Associate. Arizona State University, Tempe, Arizona.
 - Food & Culture (Spring 2020)
 - Poverty & Global Health (Fall 2017, Spring 2019, Fall 2019)
 - Practicum for Social Science (Spring 2020)
 - Disaster! (Fall 2019)
 - Society and Drugs (Spring 2019)
 - Money and Culture (Fall 2018)
 - Introduction to Global Health (Fall 2016, Spring 2017, Spring 2018)

PROFESSIONAL EXPERIENCE (NON-ACADEMIC)

- 2006-2013 Paralegal / Office manager
Law Offices of Kenneth E. Chase, Scottsdale, Arizona
- 2005-2006 Legal Assistant
Harris, Palumbo & Cunningham, P.L.C., Phoenix, Arizona
- 2001-2005 Lead Paralegal
Cantor & Simon, P.L.L.C., Tempe, Arizona
- 1999-2001 Paralegal
Levenbaum & Cohen, Phoenix, Arizona
- 1998-1999 Paralegal/Legal Secretary
John M. Curtin, P.C., Scottsdale, Arizona
- 1995-1998 Paralegal
John M. O’Quinn, Phoenix Litigation Team

SERVICE AND PROFESSIONAL ACTIVITIES

- Commissioner, Chair. [Scottsdale Environmental Advisory Commission](#). (November 2021-present).

- Associate Director. [Institutional Grammar Research Initiative](#) (IGRI). (August 2020-present).
- IGRI graduate student workshop organizer. [Institutional Grammar Research Initiative](#). Denver, Colorado. (June 20-22, 2022).
- IGRI conference organizer (online). [Institutional Grammar Research Initiative](#). (June 2021 & June 2022).
- Travel grant reviewer. Arizona State University Graduate and Professional Student Association (GPSA). (August 2018-May 2020).
- Panel organizer. “Breaking the Code: Synthesizing Coding Efforts for Social-Ecological Systems Research.” 16th Biennial Conference of the International Association for the Study of the Commons (IASC). (July 10-14, 2017).
- Codebook Development Working Group. *Center for Behavior, Institutions, and the Environment (CBIE)*. Arizona State University. Tempe, Arizona. Established and co-lead working group. (August 2015-December 2017).
- Association of All Graduate Students (AAGS). *School of Human Evolution and Social Change*. Arizona State University. Tempe, Arizona. Environmental social science doctoral program approach representative (2015-2016 academic year).

ORGANIZATIONAL AFFILIATIONS

- Institutional Grammar Research Initiative (IGRI). Affiliate. (December 2019-present).
- International Association for the Study of the Commons. Member. (2015-present).
- American Political Science Association. Member. (2022-present).
- Society for Conservation Biology. Member. (2022-present).

SPECIAL SKILLS AND CERTIFICATIONS

- Legal analytical skills and research proficiency
- Software skills (UCINet, R, EndNote, NVivo, MaxQDA, Qualtrics)
- German (professional working fluency)

REFERENCES

Available upon request.