

## Sarah E. Anderson

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### EDUCATION

**Stanford University**, Stanford, CA, 2001-2006

Ph.D. in Political Science, June 2006

M.A. in Economics, June 2006

**Massachusetts Institute of Technology**, Cambridge, MA, 1995-1999

S.B. in Political Science, minor in Economics

### ACADEMIC POSITIONS

**Associate Professor, Bren School of Environmental Science and Management & Department of Political Science**, University of California Santa Barbara, CA, 2014-present

**Associate Dean, Diversity, Equity, and Inclusion**, University of California Santa Barbara, Santa Barbara, CA, 2019-present

**Director, center for Social Solutions to Environmental Problems, USCB**, 2014-present

**Assistant Professor, Bren School of Environmental Science and Management & Department of Political Science**, University of California Santa Barbara, CA, 2007-present

**W. Glenn Campbell and Rita Ricardo-Campbell National Fellow**, Hoover Institution, Stanford University, 2006-2007

### BOOK

Anderson, Sarah E., Daniel Butler, and Laurel Harbridge Yong. 2020. "Rejecting Compromise: Legislators' Perceptions of Primary Voters." Cambridge University Press.

### PEER-REVIEWED ARTICLES

Forbes, Elizabeth S., Peter S. Alagona, Andrea J. Adams, Sarah E. Anderson, Kevin C. Brown, Jolie Colby, Scott D. Cooper, Sean M. Denny, Elizabeth H.T. Hiroyasu, Robert Heilmayer, Bruce E. Kendall, Jennifer A. Martin, Molly Hardesty-Moore, Alexis M. Mychaljliw, Brian P. Tyrrell, and Zoë S. Welch. Forthcoming. "Analogies for a No-Analog World: Tackling Uncertainties in Species Reintroductions." *Trends in Ecology and Evolution*.

Ehret, Phillip J., Heather E. Hodges, Colin Kuehl, Cameron Brick, Sean Mueller, and Sarah E. Anderson. 2020. "Systematic Review of Household Water Conservation Interventions Using the Information–Motivation–Behavioral Skills Model." *Environment and Behavior*.  
<https://journals.sagepub.com/doi/10.1177/0013916519896868>.

DeGolia, Alex H., Elizabeth H.T. Hiroyasu, and Sarah E. Anderson. 2019. "Economic losses or environmental gains? Framing effects on public support for environmental management." *PLOS ONE*.  
<https://doi.org/10.1371/journal.pone.0220320>

Hiroyasu, Elizabeth H.R., Christopher P. Miljanich, and Sarah E. Anderson. 2019. "Drivers of Support: The Case of Species Reintroductions with an Ill-Informed Public." *Human Dimensions of Wildlife*.  
<https://doi.org/10.1080/10871209.2019.1622055>

Anderson, Sarah E., Mark Buntaine, Mengdi Liu, and Bing Zhang. 2019. "Non-Governmental Monitoring of Local Governments Increases Compliance with Central Mandates: A National-Scale Field Experiment in China." *American Journal of Political Science*. doi: 10.1111/ajps.12428

Wibbenmeyer, Matthew, Sarah E. Anderson, and Andrew J. Plantinga. 2019. "Salience and the Government

- Provision of Public Goods.” *Economic Inquiry*. doi:10.1111/ecin.12781  
 Winner of the 2016 Paul A. Sabatier Best Conference Paper Award from the Science, Technology and Environmental Politics APSA Section
- Anderson, Sarah E., Robert DeLeo, and Kristin O'Donovan. 2019. “Policy Entrepreneurs, Legislators, and Agenda Setting: Information and Influence.” *Policy Studies Journal*. doi: 10.1111/psj.12331
- Keller, Edward, Chandler Adamaitis, Paul Alessio, Sarah Anderson, Erica Goto, Summer Gray, Larry Gurrola, Kristin Morell. 2019. “Applications in Geomorphology.” *Geomorphology*.  
<https://doi.org/10.1016/j.geomorph.2019.04.001>
- Anderson, Sarah E., Terry L. Anderson, Alice C. Hill, Matthew E. Kahn, Howard Kunreuther, Gary D. Libecap, Hahri Mantripragada, Pierre Mérel, Andrew J. Plantinga, and Kerry Smith. 2019. “The Critical Role of Markets in Climate Change Adaptation.” *Climate Change Economics*. doi: 10.1142/S2010007819500039
- Anderson, Sarah E., Ryan R. Bart, Maureen C. Kennedy, Andrew J. MacDonald, Max A. Moritz, Andrew J. Plantinga, Christina L. Tague, and Matthew Wibbenmeyer. 2018. “The Dangers of Disaster-Driven Responses to Climate Change.” *Nature Climate Change* 8(6): 651. doi:10.1038/s41558-018-0208-8
- Palazzo, Joseph, Owen R. Liu, Timbo Stillinger, Runsheng Song, Ying Wang, Elizabeth Hiroyasu, Jose Zentano, Sarah E. Anderson, Christina Tague. 2017. “Urban Responses to Restrictive Conservation Policy During Drought.” *Water Resources Research* 53(5): 4459-4475. doi: 10.1002/2016WR020136
- Aceves-Bueno, E., Adeleye, A. S., Feraud, M., Huang, Y., Tao, M., Yang, Y. and Anderson, S. E. 2017. “The Accuracy of Citizen Science Data: A Quantitative Review.” *Bulletin of the Ecological Society of America* 98: 278–290. doi:10.1002/bes.2.1336
- Anderson, Sarah E. and Matthew Potoski. 2016. “Agency Structure and the Distribution of Federal Spending.” *Journal of Public Administration Research and Theory* 26(3): 461-74. doi:10.1093/jopart/muw002
- Anderson, Sarah E., Daniel Butler, and Laurel Harbridge. 2016. “Legislative Institutions as a Source of Party Leaders' Influence.” *Legislative Studies Quarterly* 41(3): 605–31. doi: 10.1111/lsq.12124
- Aceves, E., Adeyemi Adeleye, Darcy Bradley, William Brandt, Patrick Callery, Marina Feraud, Kendra Garner, Rebecca Gentry, Yuxiong Huang, Ian McCullough, Isaac Pearlman, Sara Sutherland, Whitney Wilkinson, Yi Yang, Trevor Zink, Sarah Anderson, Christina Tague. 2015. “Citizen Science as an Approach for Overcoming Insufficient Monitoring and Inadequate Stakeholder Buy-in in Adaptive Management: Criteria and Evidence.” *Ecosystems* 18(3): 493–506. doi: 10.1007/s10021-015-9842-4
- Anderson, Sarah E. and Laurel Harbridge. 2014. “The Policy Consequences of Motivated Information Processing among the Partisan Elite.” *American Politics Research* 42(4): 700-728. doi:10.1177/1532673X13511658
- Anderson, Sarah E. and Jonathan Woon. 2014. “Delaying the Buck: Timing and Strategic Advantages in Executive-Legislative Bargaining over Appropriations.” *Congress and the Presidency* 41(1) 25-48. DOI: 10.1080/07343469.2013.852273
- Doerpinghaus, J., K. Hentrich, M. Troup, A. Stavrinsky, and S. Anderson. 2014. “An Assessment of Sector Separation on the Gulf of Mexico Recreational Red Snapper Fishery.” *Marine Policy* 50(A): 309-317. DOI: 10.1016/j.marpol.2014.06.007.
- Gavankar, Sheetal, Sarah E. Anderson, and Arturo Keller. 2014. “Critical components of uncertainty communication in life cycle assessments of emerging technologies: Nanotechnology as a case study.” *Journal of Industrial Ecology* 19(3): 468-479. doi: 10.1111/jiec.12183
- Sainz-Santamaria, Jaime and Sarah E. Anderson. 2013. “The Electoral Politics of Disaster Preparedness.” *Risks, Hazards, and Crises in Public Policy* 4(4): 234-249. doi: 10.1002/rhc3.12044.
- Anderson, Sarah E., Heather Hodges and Terry L. Anderson. 2013. “Technical Management in an Age of Openness: The Political, Public, and Environmental Forest Ranger.” *Journal of Policy Analysis and Management* 32(3): 554-573. doi: 10.1002/pam.21697
- Carden, Kristin, Crow White, Steve Gaines, Chris Costello, Sarah Anderson. 2013. “Ecosystem Service Tradeoff Analysis: Quantifying the Cost of a Legal Regime.” *Arizona Journal of Environmental Law & Policy*.  
<http://www.ajelp.com/articles/ecosystem-service-tradeoff-analysis/>
- Chen, Xiaoli, Nathan Emery, Elizabeth S. Garcia, Erin J. Hanan, Heather Hodges, Tyrone Martin, Matthew A. Meyers, Lindsey E. Peavey, Hui Peng, Jaime Sainz, Kellie A. Uyeda, Sarah E. Anderson, Christina Tague. 2013. “Perspectives on disconnects between science and management in post-fire treatment in the

- Western US.” *Environmental Management*. 52(6): 1415-1426. doi: 10.1007/s00267-013-0165-y
- Hock, Scott, Sarah E. Anderson and Matthew Potoski. 2013. “Invitation Phone Calls Increase Attendance at Civic Meetings: Evidence from a Field Experiment.” *Public Administration Review* 73(2): 221-228. DOI: 10.1111/j.1540-6210.2012.02627.x
- Anderson, Sarah E. 2012. “Policy Domain Specific Ideology: When Interest Group Scores Offer More Insight.” *Politics and Policy* 40(6): 1182-1202. doi: 10.1111/j.1747-1346.2012.00396.x
- Woon, Jonathan and Sarah E. Anderson. 2012. “Political Bargaining and the Timing of Congressional Appropriations.” *Legislative Studies Quarterly* 37(4): 409-436. DOI: 10.1111/j.1939-9162.2012.00056.x
- Anderson, Sarah E. 2011. “Complex Constituencies: Intense Environmentalists and Representation.” *Environmental Politics* 20(4): 547-565. doi: 10.1080/09644016.2011.589579
- Anderson, Sarah E. and Laurel Harbridge. 2010. “Budget Incrementalism: Small Aggregation, Big Changes.” *Public Administration Review* 70(3): 464-474. doi: 10.1111/j.1540-6210.2010.02160.x
- Anderson, Sarah E. and Phil Habel. 2009. “Revisiting Adjusted ADA Scores for the U.S. Congress, 1947-2007.” *Political Analysis* 17: 83-88. doi: 10.1093/pan/mpn015.

### **BOOK CHAPTERS**

- Anderson, Sarah E. with Meghan Cook. 2020. “How the study of Congress and the environment can help us understand vexing problems of representation.” In *Oxford Handbook of Environmental Politics*. Edited by David Konisky. Oxford University Press. <https://doi.org/10.4337/9781788972840.00009>
- Anderson, Sarah E. and Terry L. Anderson. 2012. “The Political Economy of Wildfire Management: Saving Forests, Saving Houses, or Burning Money.” In *Wildfire Policy: Law and Economics Perspectives*. Edited by Karen M. Bradshaw and Dean Lueck. RFF Press.

### **OTHER PUBLICATIONS**

- Review of *When Money Grew on Trees: A.B. Hammond and the Age of the Timber Baron* by Greg Gordon. EH.net (Economic History Association). [http://eh.net/book\\_reviews/when-money-grew-on-trees-a-b-hammond-and-the-age-of-the-timber-baron/](http://eh.net/book_reviews/when-money-grew-on-trees-a-b-hammond-and-the-age-of-the-timber-baron/)

### **SELECTED CURRENT PROJECTS**

- “Water conservation interventions: A systematic review using the information-motivation-behavioral skills model.” With Phillip J. Ehret, Heather E. Hodges, Colin Kuehl, Cameron Brick, Sean Mueller. Revise and resubmit at *Environment and Behavior*.
- “How water managers can reduce household water use through communication: A field experiment.” With Heather E. Hodges, Colin Kuehl, Phillip J. Ehret, and Cameron Brick. Revise and resubmit at the *Journal of Policy Analysis and Management*.
- “Inequality and Government Responsiveness: Evidence from Salient Wildfire Events.” With Matthew Wibbenmeyer and Andrew Plantinga.
- “Representation Congruence: Whether Americans Observations of What They Want in Legislators' Decision Process Shapes Approval of Congress and Democratic Legitimacy” with Bo MacInnis and Jon Krosnick.

### **GRANTS & AWARDS**

- 2018 Honorable Mention for the UCSB GSA Dixon-Levy Service Award for continued service and advocacy for graduate students on campus.
- Southern California Edison gift for wildfire research, \$96,000.
- UCSB Crossroads: Integrating Interdisciplinary Research and Teaching in Graduate Education, The Science and Social Science of Grizzly Bear Reintroduction, \$85,800
- NSF Hazards SEES: Land Management Strategies for Confronting Risks and Consequences of Wildfire, 2016, \$1,750,000
- 2016 Paul A. Sabatier Best Conference Paper Award from the Science, Technology and Environmental Politics APSA Section for “Public Salience Drives Agency Action: Wildfire and the Management of Public Lands” with Matthew Wibbenmeyer and Andrew Plantinga

Negotiating Agreement in Congress Research Grant: Overcoming Obstacles Beyond Ideological Disagreement, Social Science Research Council Grant, \$9,968.

Selected by the Chancellor for the 2016 University of California-CORO Women's Initiative for Empowerment training to improve the professional development and advancement of women at UC.

Doctor Pearl Chase Grant for Local Community Development, Conservation, or Historic Preservation Research Projects: Using Strategic Messaging for Water Conservation, UCSB, 2016, \$7,000

Strategic Environmental Research Initiative Grant on Equity and Conservation, Bren School, 2015, \$50,000

National Center for Ecological Synthesis (SESynC): Wildfire Management, Ecosystem Dynamics, and Climate: The Role of Risk Salience in Driving Ecological Outcomes, 2015, \$68,000 plus travel

Faculty Research Grant: The Mobilization Paradox, 2015, \$6,800

Strategic Environmental Research Initiative Grant on Wildfire and Climate Change, Bren School, 2013, \$50,000

UCSB Crossroads: Integrating Interdisciplinary Research and Teaching in Graduate Education, Framing Effects in Individual and Collective Action on Environmental Politics and Policy, 2013-2014, \$193,000

Center for Nanotechnology in Society Seed Grant, 2013, \$54,000

Distinguished Teaching Award, Bren School of Environmental Science and Management, 2012

Faculty Career Development Award, UCSB, 2012

C-RIG: The Environmental Justice, Sustainable Development, and Green Economy Curriculum Collaborative Grant with Clyde Woods and Jeffrey Stewart, \$3,500

Regents Junior Faculty Fellowship, UCSB, 2010

Lone Mountain Fellowship, PERC, 2007, 2009, 2015

### **RECENT CONFERENCE ACTIVITY AND TALKS**

Discussant, American Political Science Association Meetings, 2009, 2014, 2015, 2017, 2019

Discussant, Midwest Political Science Association Meetings, 2007, 2008, 2009, 2011, 2012, 2013, 2014, 2015, 2018

"Understanding public support for compromise and privacy in negotiations" with Dan Butler and Laurel Harbridge presented at Columbia University, 2019

"Why Legislators Don't Compromise and What to Do About It" with Dan Butler and Laurel Harbridge presented at Stanford University, 2019

"The Climate Change Action and Influence Gaps: How Perceptions of Legislator Decision Making Shape Congressional Approval" with Bo MacInnis and Jon Krosnick presented at the Annual Meeting of the Western Political Science Association, 2019.

"Information and Responsiveness to Public Opinion" presented at the Annual Meeting of the Midwest Political Science Association, 2019.

"Using Information, Motivation, and Behavioral Skills to Save Water: A Pre-Registered Field Experiment on Residential Water Use" with Heather Hodges, Colin Kuehl, Cameron Brick, and Phillip Ehret presented at the Annual Meeting of the Midwest Political Science Association, 2019.

"Using Information, Motivation, and Behavioral Skills to Save Water: A Pre-Registered Field Experiment on Residential Water Use" with Heather Hodges, Colin Kuehl, Cameron Brick, and Phillip Ehret presented at the New Directions in Academic-Practitioner Research Collaborations, Barcelona (Spain), 2018.

"Why Legislators Don't Compromise and What to Do About It" with Dan Butler and Laurel Harbridge presented at the UC Santa Barbara Bren School Faculty Research Seminar, 2018.

"Punishment for Compromise? The Role of Primary Voters Who Oppose Compromise" with Dan Butler and Laurel Harbridge presented at the Annual Meeting of the American Political Science Association, 2018.

"Government Transparency and Environmental Quality in China" presented at the Annual Meeting of the American Political Science Association, 2018.

"An Empirical Analysis of Policy Entrepreneurs and Agenda Change" with Rob DeLeo and Kristin O'Donovan presented at the Annual Meeting of the American Political Science Association, 2018.

"Why Legislators Don't Compromise and What to Do About It" with Dan Butler and Laurel Harbridge presented at the UC Santa Barbara Graduate Research/Innovative Technology (GRIT) talks, 2018.

"Drought, Fire, and Flood: Climate Change and Our New Normal." Community Town Hall, Flash Talk, Granada Theater, 2018.

“Why legislators don't compromise and what to do about it.” University of Southern California Political Institutions and Political Economy Collaborative Seminar, 2018.

“Salience and the Government Provision of Public Goods.” Ostrom Workshop and SPEA, Indiana University, 2017.

“Salience-driven Responses to Climate Change and Their Consequences for (Mal)Adaptation.” Hoover Institution, Stanford University, 2017.

“Playing with Fire.” UCSB Emeriti Association, University of California, Santa Barbara, 2017.

“Salience-driven Responses to Climate Change and Their Consequences for (Mal)Adaptation.” Colorado Climate Retreat, University of Colorado, Boulder, 2017.

“Environmental Politics and Policy in the Trump Presidency.” SB SPARC, 2017

“Environmental Politics and Policy in the Trump Presidency.” Montana State University, Political Science and Burton K. Wheeler Center for Public Policy, 2017

“Salience and the Government Provision of Public Goods.” University of Torino, Italy, 2017.

## **TEACHING**

### **PhD-Level Courses:**

Congressional Decisionmaking and the Environment  
Collaborative Research  
Environmental Politics Workshop

### **Master's Level Courses:**

Environmental Politics and Policy  
Environmental Policy Analysis  
Environmental Public Opinion and Survey Design  
Equity in the Managed Environment

## **PHD STUDENTS**

**Current Students:** Elliott Finn (Chair), Elizabeth Hiroyasu

**Past Students:** Cameron Brick (Cambridge University), Kristin Carden (COMPASS), Mary Collins (SUNY ESF, chair), Alex DeGolia (chair, Catena Foundation), Phillip Ehret, Matthew Feinup (co-chair, California Lutheran University), Sheetal Gavankar (Mitr Consulting Corporation), Heather Hodges (UCSB Post-doc, chair), Sara Hughes (U Michigan), Lisa Leombruni (UCSB), Jessica Perkins (Apeel), Yuwei Qin (Berkeley), Jaime Sainz-Santamaria (CIDE, chair), Leopolo Soto (Federal Energy Regulatory Commission), Aaron Sparks (Elon University), Matthew Wibbenmeyer (Resources for the Future)

## **RELATED WORK EXPERIENCE**

Legislative Assistant, Congressman Chris Cannon, Washington, DC, 2000-2001  
House National Parks and Public Lands Subcommittee, Washington, DC, 1999-2000  
Intern, Massachusetts State Senator David P. Magnani, Boston, MA, 1997  
Research Intern, Greater Yellowstone Coalition, Bozeman, MT, 1997

## **DISCIPLINARY SERVICE**

Editorial Board, *Political Research Quarterly*, 2018-present.  
APSA STEP Section, Elinor Ostrom Career Achievement Award, 2018, 2019  
APSA Public Policy Section, Nominations Committee, 2019  
NSF Panel Reviewer, 2018  
NSF Proposal Reviews, 2018  
President, Science, Technology, and Environmental Politics section, American Political Science Association 2014-2018  
Convener and Faculty, STEP Section Dissertation Workshop, APSA 2016

Editorial Board, *American Politics Research* 2013-2015

Environmental Politics and Policy Section Chair, Midwest Political Science Conference 2014

APSA Legislative Studies Section Alan Rosenthal Prize Committee 2013

Virginia M. Walsh Dissertation Award Committee 2012

Manuscript Reviewer for *American Journal of Political Science*, *American Political Science Review*, *American Politics Research*, *British Journal of Political Science*, Cambridge University Press, *Climate Research*, *Conservation Letters*, *Ecology and Society*, *Environmental Economics and Management*, *Environmental Politics*, *International Public Management Journal*, *Journal of Environmental Economics and Management*, *Journal of Experimental Political Science*, *Journal of Politics*, *Journal of Policy Analysis & Management*, *Journal of Public Policy*, *Legislative Studies Quarterly*, NERC, PLOS One, PNAS, *Politics and Policy*, *Political Research Quarterly*, *Policy and Society*, *Policy Studies Journal*, *PS: Political Science & Politics*, *Public Administration Review*, *Public Budgeting and Finance*, *Public Choice*, *Public Opinion Quarterly*, *Quarterly Journal of Political Science*, *Review of Environmental Economics and Management*, *Risks, Hazards, and Crises in Public Policy*, *Social Science Journal*, *Sustainability*, *Water Policy*.

### **RECENT DEPARTMENT AND UNIVERSITY SERVICE**

Member, Chancellor's Task Force on Childcare, UCSB, 2017-present

Member, Chancellor's Committee on the Status of Women, UCSB 2014-present

Bren School Faculty Executive Committee, 2009-2010, 2015-2017, 2018-present, Chair 2019-2020

Convener, Environmental Politics and Governance Conference, 2019

Member, Advisory Board, Institute for Social, Behavioral, and Economic Research, UCSB, 2014-2015, 2017-2018

Chair, Advisory Board, Institute for Social, Behavioral, and Economic Research, UCSB, 2015-2017

Vice-Chair, UCSB Graduate Council, 2016

Member, UCSB Graduate Council, 2014-2017

Graduate Diversity Officer, Bren School, 2016-18

Chair, Bren School Diversity Committee, 2015-2018

Convener, UCSB Environmental Politics Conference 2013, 2014, 2015, 2016

Bren School PhD Program Committee, 2012-2015

### **PROFESSIONAL ASSOCIATIONS**

American Political Science Association (APSA)

Midwest Political Science Association

Western Political Science Association