

# JULIA GOOLSBY

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## EDUCATION

**Master of Arts in Environmental Communication**, Stanford University, Stanford, CA 2018 – 2020

- GPA: 4.064 / 4.3

**Bachelor of Science in Earth Systems**, Stanford University, Stanford, CA 2014 – 2018

- GPA: 3.829 / 4.3
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## RESEARCH INTERESTS

I hope to produce interdisciplinary social science research that helps address environmental challenges. I would like to practice mixed-methods and co-production approaches and am curious to try interview and survey methods such as narrative analysis or conjoint analysis. Topics that interest me include public engagement in resource management processes, communication about uncertainty and synergistic risks, message framing and channels, individual and organizational learning processes, and climate emotions.

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## SOCIAL-ECOLOGICAL RESEARCH EXPERIENCE

**Senior Professional Research Assistant**, Cooperative Institute for Research in Environmental Sciences, University of Colorado Boulder, Boulder, CO 2022 – Present

- Serve as key member of core research team on multi-year, interdisciplinary, co-produced project studying the social and personal aspects of US national park manager decision making about ecological transformation
- Designed interview and focus group protocols with research team and partners from four national parks
- Conducted 70+ in-person interviews and represented project team during solo field research trips
- Qualitatively code interviews in NVivo, focusing on emotions and institutional constraints as decision factors

**Senior Professional Research Assistant—Communication Specialist**, Institute of Behavioral Science, University of Colorado Boulder, Boulder, CO 2021 – Present

- Serve as key member of research and implementation teams for ongoing co-produced research with wildfire organizations across the American West, pairing social surveys with property-level wildfire risk data
- Synthesize and visualize research findings via tailored outreach mailers, presentations, and data reports
- Co-lead research on manufactured home park residents' wildfire evacuation preparedness
- Conducting interviews on past partners' use of research findings and experience of the research process
- Researched public acceptability of fuel treatments on public lands using local-scale survey data
- Design graphical abstracts and data visualizations for communicating research findings to diverse audiences

**Social Science Research Assistant**, U.S. Geological Survey, Fort Collins, CO 2020 – 2022

- Published article about competencies for actionable science, using interview data I collected and analyzed
- Qualitatively coded of water planning documents using NVivo for a published paper on water governance
- Wrote and designed a guide to the social dimensions of drought for decision makers and resource managers
- Reviewed literature on perceptions of conservation introduction, published in a USGS report
- Prepared manuscripts for publication, including editing and reference management using EndNote

**Planned Relocation Research Assistant**, School of EARTH, Stanford University, Stanford, CA 2020

- Compiled a database of over 200 examples of planned relocation of people due to natural disasters
- Conducted a systematic review of 2,268 planned relocation-related articles in the Scopus database

**Environmental Psychology Research Assistant**, School of EARTH, Stanford University, Stanford, CA 2019

- Conducted literature reviews on multimodal communication and environmental literacy

**Social-Ecological Research Assistant**, Dept. of Anthropology, Stanford University, Stanford, CA 2017 – 2018

- Edited a book manuscript on Galápagos conservation policy, *Exuberant Life*, for Professor William Durham
- Synthesized evolutionary biology and conservation policy research to create reports on Galápagos animals

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## TEACHING EXPERIENCE

- Jasper Ridge Teaching Assistant**, Jasper Ridge Biological Preserve, Stanford, CA 2020
- Designed in-person and, due to the pandemic, online curricula with a 4-person team, for an interdisciplinary social-ecological systems and science education field course
- Introduction to Earth Systems Teaching Assistant**, Stanford University, Stanford, CA 2019
- Designed weekly content and exams for a 240-person introductory class
  - Led two weekly sections of sixteen students each, on many environmental science topics
- Life in the Zoo Teaching Assistant**, Sophomore College Program, Stanford, CA 2017
- Assisted with teaching and course operations for animal behavior class at the SF Zoo
- Photography Criticism Teaching Assistant**, Sophomore College Program, Stanford, CA 2016
- Assisted with teaching and course operations for photography criticism class
- Community Docent**, Jasper Ridge Biological Preserve, Stanford, CA 2015 – 2020
- Led guided tours of nature preserve as a social-ecological system, for K-12 and adult audiences
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## COMMUNICATION EXPERIENCE

- Stanford Environmental Fellow**, California Department of Conservation (DOC), Sacramento, CA 2018
- Researched global agricultural policy initiatives to include in a larger DOC white paper
  - Produced bilingual outreach materials to distribute during the governor's Global Climate Action Summit
- Summer Fellow**, Stanford Undergraduate Academic Research Fellowship, Stanford, CA 2017
- Wrote poetry and drew pen and ink art about California seeds, displayed at the undergraduate symposium
- Adaptive Management and Conservation Fellow**, Santa Lucia Conservancy, Carmel, CA 2016
- Conducted research on adaptive habitat management for the endangered tricolored blackbird
  - Designed a guide to "Wildlife Friendly Living" for the preserve's residents
- Graphic Designer**, Division of Literatures, Cultures, and Languages, Stanford University, Stanford, CA 2015-2018
- Developed posters and websites for Stanford events and classes using Adobe Photoshop and Illustrator
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## PUBLICATIONS

### *Journal Articles*

- Brenkert-Smith, H., **Goolsby, J.B.**, Champ, P.A., Meldrum, J.R., Donovan, C., Wagner, C., Barth, C.M., Forester, C., Wittenbrink, S. (2023). The Devil is in the Details: Variation in Public Acceptance of Fuels Treatments across Western Fire-Prone Communities. *Western Economics Forum*, 21(2): 5-23.  
<http://dx.doi.org/10.22004/ag.econ.339190>.
- Cravens, A.E., **Goolsby, J.B.**, Jedd, T., Bathke, D.J., Crausbay, S., Cooper, A.E., Dunham, J., Haigh, T., Hall, K.R., Hayes, M.J., McEvoy, J., Nelson, R.L., Poděbradská, M., Ramirez, A., Wickham, E. & Zoanni, D. (2023). The Patchwork Governance of Ecologically Available Water: A Case Study in the Upper Missouri Headwaters, Montana, USA. *Journal of the American Water Resources Association*, 00(0): 1-21.  
<https://doi.org/10.1111/1752-1688.13167>.
- Goolsby, J.B.**, Cravens, A.E. & Rozance, M.A. (2023). Becoming an Actionable Scientist: Challenges, Competency, and the Development of Expertise. *Environmental Management*.  
<https://doi.org/10.1007/s00267-023-01863-4>.
- Meldrum J.R., Barth C.M., **Goolsby J.B.**, Olson S.K., Gosey A.C., White J., Brenkert-Smith H., Champ P.A. & Gomez J. (2022). Parcel-Level Risk Affects Wildfire Outcomes: Insights from Pre-Fire Rapid Assessment Data for Homes Destroyed in 2020 East Troublesome Fire. *Fire*, 5(1): 24.  
<https://doi.org/10.3390/fire5010024>.
- Goolsby, J.A., Racelis, A.E., **Goolsby, J.B.**, Kirk, A.A., Cristofaro, M., Grusak M.A. & Perez de Leon, A. (2013). Evaluation of biogeographical factors in the native range to improve the success of biological control agents

in the introduced range. *Biocontrol Science and Technology*, 23(10): 1213-1230.  
<https://doi.org/10.1080/09583157.2013.822848>.

#### Government Reports

- Goolsby, J.B.**, Champ, P.A., Wittenbrink, S., Donovan, C., Heard, H., Brenkert-Smith, H., Meldrum, J.R., Barth, C.M., Wagner, C., Forrester, C. (2024). Living with wildfire in Stemilt Basin, Chelan County, Washington: 2022 data report. Res. Note RMRS-RN-101. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 131 p. <https://doi.org/10.2737/RMRS-RN-101>.
- Meldrum, J.R., **Goolsby, J.B.**, Donovan, C., Chavarria, P., Brenkert-Smith, H., Champ, P.A., Barth, C.M., & Wagner, C. & Forrester, C. (2023). Living with Wildfire in Santa Fe, New Mexico: 2021 data report. Res. Note RMRS-RN-100. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 129 p. <https://doi.org/10.2737/RMRS-RN-100>.
- Brenkert-Smith, H., Dalton, D., Puffett, J., Champ, P.A., Barth, C.M., Meldrum, J.R., Donovan, C., Wagner, C., **Goolsby, J.B.** & Forrester, C. (2023). Living with wildfire in Genesee Fire Protection District, Jefferson County, Colorado: 2022 data report. Res. Note RMRS-RN-99. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 123 p. <https://doi.org/10.2737/RMRS-RN-99>.
- Goolsby, J.B.**, Brenkert-Smith, H., Reid, D., Meldrum, J.R., Champ, P.A., Barth, C.M., Donovan, C. & Wagner, C. (2023). Living with Wildfire in Emigration Canyon, Utah: 2022 data report. Res. Note RMRS-RN-98. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 143 p. <https://doi.org/10.2737/RMRS-RN-98>.
- Brenkert-Smith, H., McConnell, A.E., Olson, S., Gosey, A., Meldrum, J.R., Champ, P.A., Gomez, J., Barth, C.M., Donovan, C., Wagner, C. & **Goolsby, J.B.** (2022). Living with wildfire in Grand County, Colorado: 2021 data report. Res. Note RMRS-RN-94. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 178 p. <https://doi.org/10.2737/RMRS-RN-94>.
- Clifford, K.R., **Goolsby, J.B.**, Cravens, A.E. & Cooper, A.E. (2022). Rapidly Assessing Social Characteristics of Drought Preparedness and Decision-Making: A Guide for Practitioners. USGS Techniques and Methods Report 17-A1. Fort Collins, CO: U.S. Geological Survey, FORT Science Center, Social and Economic Analysis Branch. 41 p. <https://doi.org/10.3133/tm17A1>.
- Cole, N., **Goolsby, J.B.**, Cravens, A.E. Perceptions of Conservation Introduction to Inform Decision Support Among U.S. Fish and Wildlife Service Employees. (2022). USGS Scientific Investigations Report 2022-5092. Fort Collins, CO: U.S. Geological Survey, FORT Science Center, Social and Economic Analysis Branch. 22 p. <https://doi.org/10.3133/sir20225092>.
- Goolsby, J.B.**, Champ, P.A., Brenkert-Smith, H., Clauson, B.J., Sgroi, R.M., Williams, L., Barth, C.M., Meldrum, J.R., Donovan, C. & Wagner, C. (2022). Living with wildfire in Teton County, Wyoming: 2021 data report. Res. Note RMRS-RN-93. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 92 p. <https://doi.org/10.2737/RMRS-RN-93>.
- Champ, P., **Goolsby, J.B.**, Shaver, J.T., Kuehn, J., Meldrum, J.R., Brenkert-Smith, H., Barth, C.M., Donovan, C. & Wagner, C. (2021). Living with wildfire in Chalk Creek, Chaffee County, Colorado: 2019 data report. Res. Note RMRS-RN-90. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 81 p. <https://doi.org/10.2737/RMRS-RN-90>.

#### Non-academic publications

- Goolsby, J.B.** (2024). During the Flood: Connecting with residents while doing social science field work. *Mountain Views Chronicle*, 17, 28-30. [https://www.fs.usda.gov/research/sites/default/files/2024-04/rmrs-cirmount\\_mountainviewsnewsletter\\_april2024.pdf](https://www.fs.usda.gov/research/sites/default/files/2024-04/rmrs-cirmount_mountainviewsnewsletter_april2024.pdf)

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## RECENT PRESENTATIONS AND POSTERS

- Goolsby, J.B.**, Carr, W., Cravens, A.E., Yocum, H. (2023). RAD Decision Space. *National Park Service Intermountain Region Leadership Training*. Lakewood, Colorado, USA. Invited presentation.
- Goolsby, J.B.**, Cravens, A.E., Clifford, K.R., Carr, W. & Antonova, G. (2023). Responses to ecological transformation in the Kenai National Wildlife Refuge, AK, and East Jemez Landscape, NM: Different agencies, different decisions? *International Association for Society & Natural Resources Annual Meeting*. Portland, Maine, USA.

Cravens, A.E., **Goolsby, J.B.** (2022). The Patchwork Governance of Ecologically Available Water: A Case Study in the Upper Missouri Headwaters Basin, Montana. *USGS Fort Collins Science Center seminar*. Virtual presentation.

**Goolsby, J.B.**, Brenkert-Smith, H., Champ, P.A., Meldrum, J.R., Barth, C.M., Donovan, C., Wagner, C. & Forrester, C. (2022). Researcher-practitioner collaborations for rural community wildfire risk reduction. *Right Here, Right Now: Global Climate Summit at University of Colorado Boulder*. Boulder, Colorado, USA.

**Goolsby, J.B.**, Cravens, A.E. & Rozance, M.A. (2022). Learning Actionable Science Skills. *Climate Adaptation Science Center Evaluation Network*. Invited presentation.

**Goolsby, J.B.**, Schuurman, G. & Cravens, A.E. (2022). Resist-Accept-Direct (RAD): A framework for the 21st century natural resource manager. *16th Biennial Conference of Science & Management for the Colorado Plateau & Southwest Region*. Flagstaff, Arizona, USA.

**Goolsby, J.B.**, Cravens, A.E. & Rozance, M.A. (2021). Learning Actionable Science Skills. *American Geophysical Union Fall Meeting*. Virtual conference, USA.

Clifford, K.R., **Goolsby, J.B.** & Cravens, A.E. (2021). Rapidly assessing social characteristics of drought preparedness and decision-making: A guide for practitioners. North Central Climate Adaptation Science Center. Invited presentation.

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## GRANTS, AWARDS, FELLOWSHIPS

Federal Emergency Management Agency (FEMA) Region 8, Quick Response Grant. “Inclusion of manufactured home park residents in wildfire mitigation and preparedness in Lake County, Colorado.” 2023-2024. Amount awarded: \$4,000. Role: Co-PI.

CU Office for Outreach and Engagement, Outreach Award. “Advancing community wildfire risk reduction through state-wide partnership.” 2022-2023. Amount: \$24,000. Role: Co-PI.

U.S. Forest Service, Rocky Mountain Research Station. “2022 Award for Science Delivery.” Awarded to members of the Wildfire Research team.

Wolverine Farm Publick House. *Artist in Residence*. 2022. Fort Collins, CO. Nominated to serve as artist in residence at local community center, culminating in hosting a printmaking workshop for the public.

Wolverine Farm Publick House. *Reader in Residence*. 2021. Fort Collins, CO. Nominated to serve as reader in residence at local community center, involving active reading and engagement about reading with the community.

Bill Lane Center for the American West. *Stanford Environmental Fellowship*. 2018. Amount: \$7,000. Pursued a summer fellowship at the California Department of Conservation.

Stanford Undergraduate Advising and Research. *Summer Undergraduate Academic Research Fellowship*. 2017. Amount: \$7,000. Spent a summer developing art and poetry about California tree species.

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## SKILLS, TECHNIQUES, LANGUAGES

- Research methods: semi-structured interviews, mail surveys, qualitative coding methods (emergent, a-priori), quantitative statistical analysis in R
- Languages: Spanish (professional working proficiency)
- Analysis software: R, NVivo, Excel
- Design software: Microsoft Suite (Word, PowerPoint), Adobe (Photoshop, Illustrator, InDesign)