

# Jocelyn West

Ph.D. Student, Department of Sociology, University of Colorado Boulder  
Graduate Research Assistant, Natural Hazards Center  
U.S. Geological Survey Volunteer  
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## Education

- May 2022 M.A. Sociology, University of Colorado Boulder  
Thesis: “Social Vulnerability and Population Loss in Puerto Rico after Hurricane María”
- 2019-Present Ph.D. Student in Sociology, University of Colorado Boulder  
Areas of focus: hazards and disasters, environmental justice, social vulnerability  
National Science Foundation Graduate Research Fellow (GRFP)
- 2013 Brown University, Providence, RI  
Bachelor of Arts in Geological Science and Education Studies (History and Policy)

## Professional Experience

- 2019 -Present Graduate Research Assistant, Natural Hazards Center, Institute of Behavioral Science, University of Colorado Boulder
- 2017-2019 Disaster Risk Management Consultant, World Bank Group, Global Facility for Disaster Reduction and Recovery, Washington, DC
- 2017 Disaster Response Volunteer, All Hands and Hearts, Aransas Pass, TX. Sept-Oct.
- 2017 Community Manager, Vizzuality (data and web design), Washington, DC
- 2016 Education Programme Manager, Crees Foundation, Cusco, Peru
- 2015-2016 Communications Assistant, Center for Global Development, Washington, DC
- 2013-2014 Research Assistant (Natural Hazards), Earth Observatory of Singapore, Nanyang Technological University, Singapore

## Journal Publications

- 2021 West J, Davis L, Lugo Bendezú R, Álvarez YD, Hughes KS, Godt J, Peek L. Principles for Collaborative Risk Communication: Reducing Landslide Losses in Puerto Rico, *Journal of Emergency Management*. DOI:10.5055/jem.0547
- 2020 West, Jocelyn. (2020). Review of *Governing Affect: Neoliberalism and Disaster Reconstruction* by Roberto Barrios. *International Journal of Mass Emergencies and Disasters*. Vol. 38, No. 3. pp. 398-400. <http://ijmed.org/articles/798/download/>

## Manuscripts in Progress

- 2022 “Social Vulnerability and Population Loss in Puerto Rico after Hurricane Maria.” Under review at *Population and Environment*.
- 2022 “Practicing Reciprocity in Disaster Research.” For submission to *Qualitative Methods*.

## Fellowships, Awards, and Grants

- 2022 Outstanding Graduate Student Paper Award, Department of Sociology, University of Colorado Boulder.
- 2021 Awarded Graduate Research Fellowship from the National Science Foundation. (\$138,000)
- 2021 Small Research Grant. Funded by the Institute of Behavioral Science, University of Colorado Boulder. (\$650)
- 2021 Racial/Ethnic Inequalities Research Award (RIRA). Funded by the Department of Sociology, University of Colorado Boulder. (\$1,500)
- 2021 Summer Research Award. Funded by the Institute of Behavioral Science, University of Colorado Boulder. (\$750)
- 2021 Third-Year Paper Research Award. Funded by the Department of Sociology, University of Colorado Boulder. (\$1,500)
- 2020 Seed Grant. Funded by the CU Population Center, Institute of Behavioral Science, University of Colorado Boulder. (\$2,000)
- 2020 Summer Research Award. Funded by the Department of Sociology, University of Colorado Boulder. (\$2,500)
- 2012-13 Royce Fellowship for Sport and Society, Brown University. (\$4,000)
- 2010-11 Undergraduate Teaching and Research Award, Brown University. (\$3,000)

## Guidebook

- 2020 Contributing Author. *Landslide Guide for Residents of Puerto Rico*. U.S. Geological Survey, University of Puerto Rico Mayagüez, Natural Hazards Center. Published by Natural Hazards Center, Boulder, CO: <https://hazards.colorado.edu/puertorico>

## Online Training Module

- 2022 Lead developer. *Reciprocity in Hazards and Disaster Research*. CONVERGE Training Module, Natural Hazards Center, University of Colorado Boulder. <https://converge.colorado.edu/resources/training-modules>

## Research Presentations

- 2021 "Does Social Vulnerability Predict Disaster Losses? Testing a Social Vulnerability Index for Puerto Rico." Sociology of Disasters and Crises, American Sociological Association Annual Meeting. August 2021.
- 2021 "Principles for Collaborative Risk Communication: Reducing Landslide Losses in Puerto Rico." Researchers Meeting, International Sociological Association Research Committee on Disasters (ISA-RC39). July 15, 2021.
- 2021 "Landslides and Environmental Justice." Invited presentation to the U.S. Interagency Coordinating Committee on Landslide Hazards. May 26, 2021.
- 2020 West, Jocelyn and Lindsay Davis. "Collaborative Risk Communication for Landslides in Puerto Rico" December 18, 2020. Presentation to U.S. Geological Survey, Risk Community of Practice.
- 2020 "Collaborative Risk Communication in Puerto Rico." Panel presentation. 45th Annual Natural Hazards Research and Applications Workshop, Broomfield, CO. July 2020.
- 2020 West, Jocelyn and Lindsay Davis. Impact 360 Webinar with Disaster Practitioners. July 1, 2020.
- 2020 "Collaborative Risk Communication: Landslide Guide for Residents of Puerto Rico." Making Mitigation Work Webinar Series, presented by FEMA and the Natural Hazards Center. June 2020.  
[hazards.colorado.edu/training/webinars/landslide-guide-for-residents-of-puerto-rico](https://hazards.colorado.edu/training/webinars/landslide-guide-for-residents-of-puerto-rico)
- 2020 West, Jocelyn and Lindsay Davis. "Landslide Guide for Residents of Puerto Rico." April 28, 2020. Presentation to U.S. Geological Survey, Natural Hazards Mission Area and Risk Community of Practice.
- 2020 Davis, Lindsay and Jocelyn West. "Partnership to Reduce Landslide Hazards in Puerto Rico." March 17, 2020. Presentation to Natural Hazards Center, Boulder, CO.
- 2019 Facilitated "Understanding and Using Risk Data," presented by Stuart Fraser as part of the VizRisk Challenge. World Bank, Mapbox, and Data Visualization Society.

## Activities at Professional Meetings

- 2022 Managed and trained team of 11 volunteers for the 47th Annual Natural Hazards Research and Applications Workshop and Researchers Meeting. Organized and moderated the Career Kickstarter networking session with 100 participants.
- 2021 Selected and co-supervised team of 10 volunteers for the 46th Annual Natural Hazards Research and Applications Workshop and Researchers Meeting. Host and point of contact for 12 sessions. Organized and moderated Career Kickstarter training and networking session. July 11-15, 2021.

- 2021 3-day workshop for the U.S. Interagency Coordinating Committee on Landslide Hazards. Facilitated five breakout sessions. Recorded notes for the full workshop to inform the strategy to be delivered to the U.S. Congress in January 2022.
- 2020 Managed team of eight student volunteers and served as a session co-host for the 45th Annual Natural Hazards Research and Applications Workshop. July 10-14, 2020.
- 2019 Co-facilitated workshop “Communicating Disaster Risk: From Assessments to Informed Decision-Making.” Joint meeting of NASA and World Bank Group, Washington, DC.
- 2018 Co-facilitated workshop “Communicating Disaster Risk: From Assessments to Informed Decision-Making.” American Geophysical Union Fall Meeting 2018, Washington, DC.
- 2018 Co-facilitated a planning session for the 2020 Understanding Risk Forum, “Understanding Risk (UR) Community - Toward 2020.” American Geophysical Union Fall Meeting 2018, Washington, DC.
- 2018 Led all communications for the 2018 Understanding Risk Forum, Mexico City, Mexico.

### **Posters Presented at Professional Meetings**

- 2022 West, Jocelyn. “Rural Disaster Recovery: Social Dimensions of Landslide Hazards in Puerto Rico.” 47th Annual Natural Hazards Research and Applications Workshop. July 2022.
- 2020 Álvarez, Yahaira D., Raquel Lugo BendeZú, and Jocelyn West. “Strategies for Landslide Risk Communication in Puerto Rico.” 45th Annual Natural Hazards Research and Applications Workshop, Broomfield, CO. July 2020.
- 2019 Álvarez, Yahaira D., Raquel Lugo BendeZú, and Jocelyn West. “Strategies for Landslide Risk Communication in Puerto Rico.” RISE Conference, University at Albany, Albany, NY.
- 2013 West, Jocelyn, Karen M. Fischer, and Julia MacDougall. “Seismic Anisotropy and Mantle Deformation beneath the Hindu Kush-Pamir Mountains and the Tadjik Basin.” American Geophysical Union Fall Meeting, San Francisco, CA.

### **Blog Posts**

- 2020 “By a Landslide: New Guide Answers Puerto Rico’s Call for Landslide Info.” February 2020. Boulder, CO: Natural Hazards Center, University of Colorado Boulder.
- 2019 Created the website and content for the World Bank’s VizRisk Challenge, including Case Studies, What Is Risk, and Data Visualization Guidance.
- 2019 “Visualizing risk: Announcing the winners of the 2019 VizRisk Challenge.” World Bank Data. August 2019.

- 2019            “Harnessing creativity for change: The art of resilience.” World Bank. April 2019.
- 2018            “The rise of local mapping communities.” World Bank Sustainable Cities. Nov 2018.
- 2018            “How Afghanistan uses GeoNode to build resilience.” The Open Data for Resilience Initiative, World Bank. March 2018.

### **Journal Article Reviews**

- 2022            Reviewer for *Natural Hazards and Earth Systems Sciences* special issue:  
“Advances in machine learning for natural hazards risk assessment”
- 2021            Reviewer for *Risk Analysis*

### **Grant Proposal Reviews**

- 2021-2022      Technical reviewer for Special Call for Quick Response Research in U.S. Territories
- 2021            Technical reviewer for Special Call: Weather-Ready Research Instrument and Data Publication

### **Teaching**

- Spring 2013    Undergraduate Teaching Assistant, Brown University  
GEOL0010 Introduction to Geology: Assisted lab instruction, exam prep, proctoring

### **University Service**

- Fall 2022        Co-lead and mentor, NSF Graduate Research Fellowship Workshop, Institute of Behavioral Science
- 2021-2022      Graduate Committee member, Department of Sociology
- 2020-2021      Co-founder of Non-Academic Careers Group for graduate students
- 2020-2021      Served on the Diversity Committee, Department of Sociology

### **Professional Affiliations**

- U.S. Geological Survey Volunteer, Landslide Hazards Program, Natural Hazards Mission Area
- American Sociological Association (ASA), Student Member  
ASA Section Membership: Environmental Sociology
- American Geophysical Union, Member

### **Community Service**

- 2022            Fairview High School, Assistant Coach for Track and Field, Boulder, CO