

Data-driven environmental social scientist focused on applying computational tools, statistical analysis, and systems thinking to break down complex problems data contributing to research, decision-making, and advocacy.

SUMMARY OF SKILLS

7 years of experience in quantitative analysis and database management / research project management. 4 years of experience leading interdisciplinary research teams. Supervised and unsupervised machine learning. Proficiency with spatial analysis tools (R, ArcGIS). Extensive survey design and implementation experience. Policy analysis and stakeholder engagement and relationship building.

EDUCATION

- 2018-08 - Ph.D. Environment and Natural Resources** *The Ohio State University - Columbus, OH*
2021-06 Focus: Environmental Social Science.
Dissertation topic: climate change and energy governance.
- 2016-08 - MS Environment and Natural Resources** *The Ohio State University - Columbus, OH*
2018-05 Focus: Environmental Social Science.
Thesis topic: climate change governance.
- 2009-02 - BA International Relations** *Universidad Católica de Córdoba - Córdoba, Argentina*
2013-05

PROFESSIONAL EXPERIENCE

- 2022-07 - Postdoctoral Research Fellow**
current *Colorado State University, Fort Collins, CO*
- * Development and implementation of research strategy (4 independent data collection processes, 5 working research papers, multiple outreach initiatives).
 - * Team management and leadership (supervising and coordinating a team of 8 researchers).
 - * Grant writing and reporting.
 - * Instructor in charge of the class Human Dimensions of Natural Resources Management (44 students)
- 2021-07 - Postdoctoral Research Fellow**
2022-06 *University of Michigan, Ann Arbor, MI*
- * Development and implementation of computational social science research approaches.
 - * Social and social-ecological network analysis.
 - * Database management.
 - * Coordination of research team (4 researchers).
- 2016-08 - Graduate Research Associate**
2021-06 *The Ohio State University, Environmental Governance Lab, Columbus, OH*
- * Management and supervision of diverse research teams.
 - * Application of complex research protocols.
 - * Leadership and coordination of multiple projects happening simultaneously.
 - * Identification, engagement, and collaborative work with critical stakeholders.
 - * Descriptive and inferential statistical analysis.
 - * Teaching Associate - Environment and Natural Resources Policy

2015-03 - Operations Coordinator

2016-07 *Enseña por Argentina, Córdoba, Argentina*

- * Liaison between NGO and government officials (Office of the Governor, Ministry of Education).
- * Conducted multiple extension events with other NGOs working on education.
- * Developed and nurtured relationships with critical stakeholders (universities, NGOs, government, and corporate actors) to secure financial and other assets.
- * Established and administered annual budget with effective controls to support financial sustainability objectives.

2015-03 - Adjunct Instructor – Economics V: International Political Economy

2015-12 *Universidad Católica de Córdoba, Argentina*

- * Mentored students through office hours and one-to-one communication.
- * Taught introductory labs of quantitative analysis and game theory (R and SPSS software).
- * Maintained atmosphere of academic learning and advancement to facilitate critical thinking.

REFEREED JOURNAL ARTICLES

Holm, F. & Berardo, R. (2020). Coalitional Architecture of Climate Change Litigation Networks in the U.S. *Review of Policy Research*. DOI: 10.1111/ropr.12402

Berardo, R., **Holm, F.**, Heikkila, T., Weible, C. M., Yi, H., Kagan, J., ... & Yordy, J. (2020). Hydraulic fracturing and political conflict: News media coverage of topics and themes across nine states. *Energy Research & Social Science*, 70, 101660.

Berardo, R., & **Holm, F.** (2018). The participation of core stakeholders in the design of, and challenges to, the US Clean Power Plan. *Climate policy*, 18(9), 1152-1164.

Costie, D. P., **Holm, F.**, & Berardo, R. (2018). Hydraulic fracturing, coalition activity and shock: Assessing the potential for coalition-based collective action in Argentina's Vaca Muerta formation. *The Extractive Industries and Society*, 5(4), 499-507

Kiessling, C.; **Holm, F.** (2014). Gestión del riesgo, desarrollo humano y adaptación al cambio climático: el caso de la provincia de Córdoba, Argentina; *Núcleo de Estudios do Empresariado, Instituições e Capitalismo; Ponto de Vista*; 9; 9-2014; 1-20. issn 1983-733X

ADDITIONAL SKILLS

Grant writing and reporting - Verbal and written communication

Leadership and supervision - Training and mentoring

Languages: English, Spanish (Native or bilingual)

Coding: proficient in R and Python.

SERVICE AND VOLUNTEERING

Instructor and facilitator - Workshop: "Developing an analytical framework for public policy and decision-making: social, ecological, and economic consequences" - *OAJNU Córdoba & Agencia Córdoba Joven*

- * Taught an open seminar aimed at school teachers and policy practitioners towards the development of an analytical framework for public policy and decision-making (30 participants).
- * Developed a strategy for further impact in the short and medium term (collaborative work).

Grants Committee Chair - SENR Graduate Students Organization - *The Ohio State University, Columbus, OH*

- * Provided leadership as chair of the Committee.
- * Managed application and grant review processes.
- * Collaborated with the rest of the committee in the development of guidelines and metrics for the grant program.

Treasurer - Ohio State Shotokan Karate Club - *The Ohio State University, Columbus, OH*

- * Managed the club's budget, bank accounts and oversaw revenues and expenses.
- * Provided regular reports to the University's Office of Recreational Sports.

Mentor - Mentoring Program - *The Ohio State University, Columbus, OH*

- * Mentored undergraduate students (seniors) during the spring of 2020.
- * Created a welcoming and understanding space to provide support and guidance during the job-hunting process.