

# Janelle Gaun

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## EDUCATION

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**Master of Environmental Science and Management** (Expected June 2022)

**Bren School of Environmental Science & Management – University of California**, Santa Barbara (UCSB)

Awards: Sustainable Water Markets Fellow (\$10,000)

Specialization: Economics and Politics of the Environment | Focus: Environmental Communications & Media

Highlighted Courses: Watershed Management, Water Policy, Tribal Water Law and Policy, Env. Data Visualization, Advanced Data Analysis (R), Environmental Negotiation (Completed March 2022)

**Bachelor of Science in Environmental Hydrology and Water Resources** (May 2015)

**University of Arizona**, Tucson, AZ

Awards: 2015 Galileo Scholar, 2014 Excellence in Undergraduate Research, 2014 El Dia del Agua Poster Award

## WATER RESOURCES MANAGEMENT EXPERIENCE

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**Upper Mississippi River Basin Association**, Bloomington, MN

**Water Policy Intern** (Remote, 6/21–Present)

- Drafting a public-facing summary report of 30-year water quality trends observed across 1,200 river miles to educate basin residents and elected officials about Clean Water Act concerns on the Upper Mississippi River
- Compiled progress reporting for multistate collaborative's bi-decadal congressional reporting on the Upper Mississippi River Restoration Program administered through the US Army Corp of Engineers

**Arizona Land and Water Trust**, Tucson, AZ

**Land and Water Program Associate Manager** (6/19–12/19)

- Assisted in the development and implementation of a market-based flow restoration vision in two priority southern Arizona watersheds for organizational strategic plan development
- Drafted an interactive, multi-objective landscape conservation prioritization GIS tool for land managers to priority watershed conservation areas based on parcel size, habitat quality, and watershed impacts
- Secured \$13.5+ million in project funding through successful grant proposals to fund 7,500+ acres of priority grassland conservation easements in the Fort Huachuca Sentinel Landscape and Chiricahua Mountains
- Stewarded relationships with agricultural landowners, major donors, and agencies via collaborative meetings and events to expand support and engagement in priority conservation areas, e.g. the Ft. Huachuca Sentinel Landscape

**Land and Water Program Assistant** (3/17–6/19)

- Supported transaction due diligence and project management for easements acquisitions and water leases; developed budgets, quantified project impacts, and spatially analyzed leases and easement locations using ArcGIS
- Monitored federal and state policy including Farm Bill updates and state easement regulations
- Drafted 4+ annual federal and foundation grant reports to support staff and program implementation
- Conducted annual stewardship monitoring and compliance for 32 conservation easements and 4 water leases
- Headed bi-decadal national reaccreditation efforts to maintain standing with the Land Trust Alliance

## RESEARCH AND COMMUNICATION EXPERIENCE

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**Master's Group Project Member – Client: Ocean Rainforest**, Santa Barbara, CA (4/21–Present)

Evaluate public perceptions of controversial kelp aquaculture industry using survey instruments; present results to public, academic, and client audiences of 2-20; secured and managed \$2,000 grant to complete survey

**Next Generation Ranger – Friends of Saguaro National Park**, Tucson, AZ (2/16–3/17)

Drafted a hydrologic assessment of 70+ backcountry springs intended to guide resource management in the park

**GeoCorp Geoscientist-in-Park – Geological Society of America**, Tucson, AZ (9/15–2/16)

Co-authored a comprehensive 50-page interpretive water resources booklet for Saguaro National Park

## SKILLS

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**Technical**: ArcGIS, R, Shiny, Tableau, Modflow

**Communication**: Microsoft Word, Excel, PowerPoint, OneNote, Publisher; Google Documents, Sheets, Slides; Zoom