# Meagan Brown

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## Education

| 2022 – 23 | MEDS, Master of Environmental Data Science, UC Santa Barbara |
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| | Leadership: Diversity Committee (2022 – 2023) |
| 2017 – 21 | BS, Environmental Studies, UC Santa Barbara |
| | Concentration: Geographic Information Systems |
| | Leadership: Treasurer, Zero Waste Committee (2020 – 2021) |

## Research Experience

| 2023 – | Environmental Data Scientist, Pathways Climate Institute |
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| 2022 – 2023 | US Water Student Research Assistant, UC Santa Barbara |
| 2021 – 2022 | CA Water Student Research Assistant, UC Santa Barbara |
| 2021 – 2022 | Mapping Research Assistant, The Nature Conservancy |
| 2020 – 2021 | Undergraduate Senior Thesis, Environmental Studies Dept., UCSB |
| 2019 – 2019 | Palm Oil Supply Chain Student Research Assistant, UC Santa Barbara |

## Publications

| 1 | Perrone, D., Rohde, M., Hammond Wagner, C., Anderson, R., Arthur, S., Atume, N., **Brown, M.**, Esaki-Kua, L., Gonzalez, M., Garvey, K., Heidel, K., Jones, W., Khosrowshahi Asl, S., Munill, C., Nelson, R., Ortiz-Partida, P., Remson, E.J. (2023). Stakeholder integration predicts more equitable groundwater sustainability policy. *Nature Communications*. |
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## Presentations

| 4 | Brown, M. (2023) "Replenishing California's Groundwater," Summer Intern Final Presentation, Public Policy Institute of California |
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| 3 | Brown, M. (2023) "Assessing Fire in Groundwater-Dependent Ecosystems," Master of Environmental Data Science Final Presentation, Bren School of Environmental Science & Management |
| 2 | Brown, M. (2022) "Mapping Disparities: Navigating the Diverse Definitions of Underserved Communities in California," Environmental Justice Symposium Flash Talk, Bren School of Environmental Science & Management |
| 1 | Brown, M. (2021) "Who Decides When the Wells Run Dry? An exploratory analysis of equity in groundwater sustainability plans in the Kings subbasin," Senior Thesis Presentation, UCSB Environmental Studies Department, UC Santa Barbara |

## Internship/Additional Experience

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| 2023 – 2023 | Water Policy Intern, Public Policy Institute of California (PPIC) |
| 2021 – 2022 | Mapping Intern, City of Santa Barbara Environmental Services Division |
| 2020 – 2020 | Community Engagement Coordinator, Gravity Water |
| 2018 – 2020 | Barista/Cashier, First-Class Concessions (Santa Barbara Airport) |
| 2019 – 2019 | Lead Water Quality Intern, Coal Oil Point Reserve |

## Projects

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| 2023 | Project & Data Manager, "Assessing Wildfire in Groundwater Dependent Ecosystems," Master of Environmental Data Science (MEDS) Capstone, Bren School of Environmental Science & Management |

## Volunteer Experience

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| 2022 | Data Science Group Leader, Hack2O, Exploring Water Data Course, UCSB |
| 2019 | Water Quality Monitoring Volunteer, Coal Oil Point Reserve, UCSB |
| 2018 | Snowy Plover Docent, Coal Oil Point Reserve |

## Awards

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| 2022 | Environmental Data Science Scholarship, UC Santa Barbara |
| 2020 | Edison Research Scholarship, UC Santa Barbara |

## Skills

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| Computer | R, Python, Github, ArcGIS Pro, Microsoft Excel, Remote Sensing (familiar), Machine learning (familiar) |
| Language | Intermediate in Spanish (actively working toward fluency) |
| Presentation | Keynote, Canva, Google Slides, PowerPoint, SlidesGo |
| Survey | ArcGIS Survey123 & Survey123 Connect, Qualtrics |