

REBECCA MORRIS

M.S. Interdisciplinary Marine & Estuarine Science
Oakland, CA | beccamorris02@gmail.com | 503-791-4605

PROFESSIONAL SUMMARY

Detail-oriented environmental scientist with strong field, data analysis, and GIS experience in wetland and coastal ecosystems. Skilled in environmental monitoring, report writing, and ecological restoration. Adept at collaborating across teams, supporting technical research, and applying scientific tools to solve real-world environmental problems.

EDUCATION

M.S. Interdisciplinary Marine & Estuarine Science
San Francisco State University – Estuary & Ocean Science Center | Dec 2024 | GPA: 3.94

B.S. Biology, Concentration in Ecology
San Francisco State University, Spring 2021 | GPA: 4.0

TECHNICAL SKILLS

RTK GPS, Total Station, SET wells, Piezometers, YSI/HOBO Sondes, Soil & Water Sampling, Wetland Delineation, ArcGIS Pro, R, Microsoft Excel, PowerPoint, Data QA/QC, Adobe Photoshop, Jepson Manual, Public Outreach

RELEVANT EXPERIENCE

Research Technician

SF Bay National Estuarine Research Reserve – Tiburon, CA | 2021–Present

- Conduct elevation monitoring using RTK GPS, Total Station, and SET wells
- Conduct wetland vegetation mapping and track sediment changes by analyzing aerial imagery and high-resolution LiDAR data in ArcGIS Pro
- Deploy water quality sondes and piezometers for hydrological data collection
- Contribute to technical reports and regulatory deliverables using ArcGIS and data analysis tools
- Present research at regional and national scientific conferences

Graduate Research Technician

Boyer Wetland Ecology Lab – San Francisco, CA | 2021–2024

- Conducted field and lab research on eelgrass and oyster restoration projects
- Monitored oyster reef habitat quality and designed and installed experimental reef structures
- Led greenhouse experiments and performed biological lab analyses (e.g., C:N ratios, invertebrate ID)
- Created scientific illustrations and maps for presentations and outreach

Staff Biologist

BioMaAS Inc. – Bay Area, CA | 2021–2024

- Performed wildlife and botanical monitoring including protocol surveys and habitat assessments
- Supported wetland delineation efforts and contributed to environmental compliance documentation

CERTIFICATIONS

- 40-Hour Wetland Delineation | WRA Environmental Consultants | 2022
- NAUI Open Water Diver | 2022
- Certified Interpreter (National Association for Interpretation) | 2018

VOLUNTEER WORK

- Wildlife Volunteer | East Bay Regional Park District | 2019–Present
- Block Captain | Brookdale Neighborhood Watch | 2023–Present
- Clean-up Volunteer | High Street Coalition | 2020–Present
- Volunteer | Friends of Courtland Creek | 2023–Present