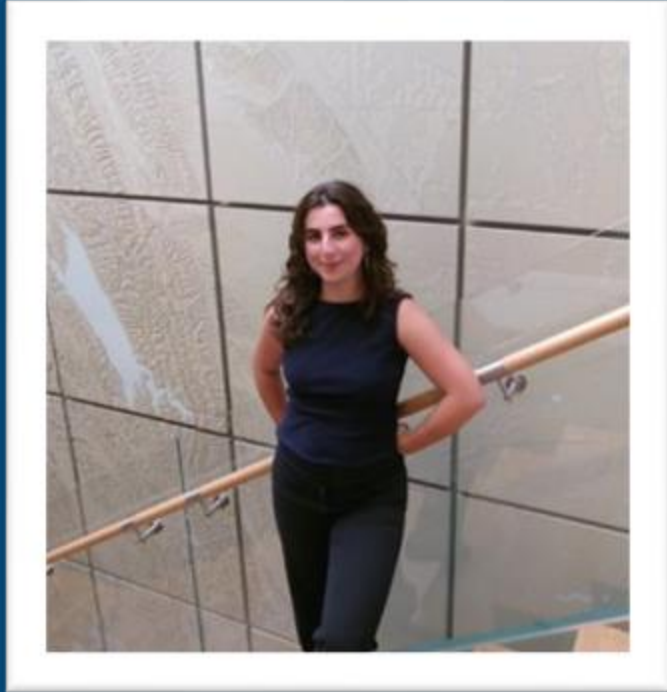


INTERN PROGRAM REVIEW, SUMMER 2026

NICOLE SHKUROVICH, SOPHIA GARCIA, SYDNEY QUAN, RYAN ROBERSON

JULY 2026



NICOLE SHKUROVICH

University of California, Berkeley
Landscape Architecture & Environmental
Planning and Geography

BCDC Programs: GIS and External Affairs



GIS: TIDE GATE INVENTORY

Tide Gate Inventory Analysis with Viktoria Kuehn

- GIS / best available science for real-time site conditions
- Qualitative analysis tools: visual map research & historical documents
- How should BCDC communicate complex information internally and externally?

Purpose:

- Help staff better understand water management in areas of interest
- Where are they? Built when? By whom?
- How do tide gates function technically and legally, and does it influence governance?



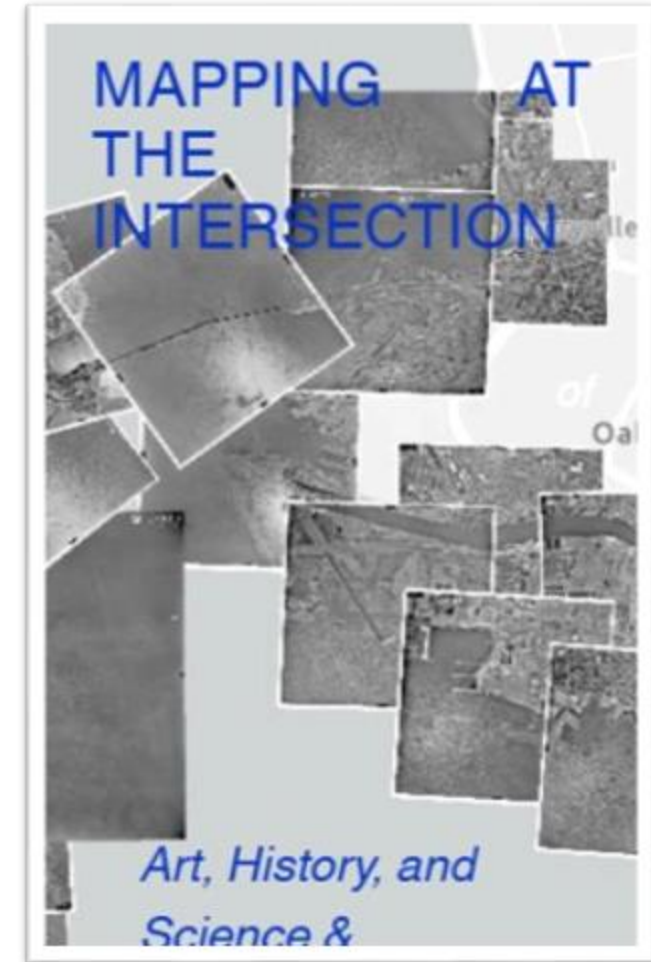
EXTERNAL AFFAIRS: DIGITAL STORYTELLING PHOTO CONTEST

Digital Storytelling Photo Contest with Alyssa Plese

- Authored contest rules and guidelines to structure submission and judging criteria
- Conducted outreach to local businesses to secure \$300 sponsorships
- Organized a lobby exhibition to display finalists and winning photographs

Social Media

- Produced content highlighting GIS & shoreline restoration projects permitted by BCDC
- Photographed site visits for catalog





SYDNEY QUAN

University of California, Los Angeles
Environmental Science & Conservation
Biology

BCDC Programs: Dredging & Sediment
Management and Information Technology

UCLA

DREDGING MANAGEMENT: SAND MINING SPECIES STUDY

Species & Habitat Datasets

- *Farallon Institute*: seabirds & harbor seals
- CDFW Bay Study - Fish and invertebrates in the Bay
- *Marine Mammal Center*: Humpback and Gray Whale presence
- *Contextual studies*: benthic habitats, foraging and habitat use

GIS mapping

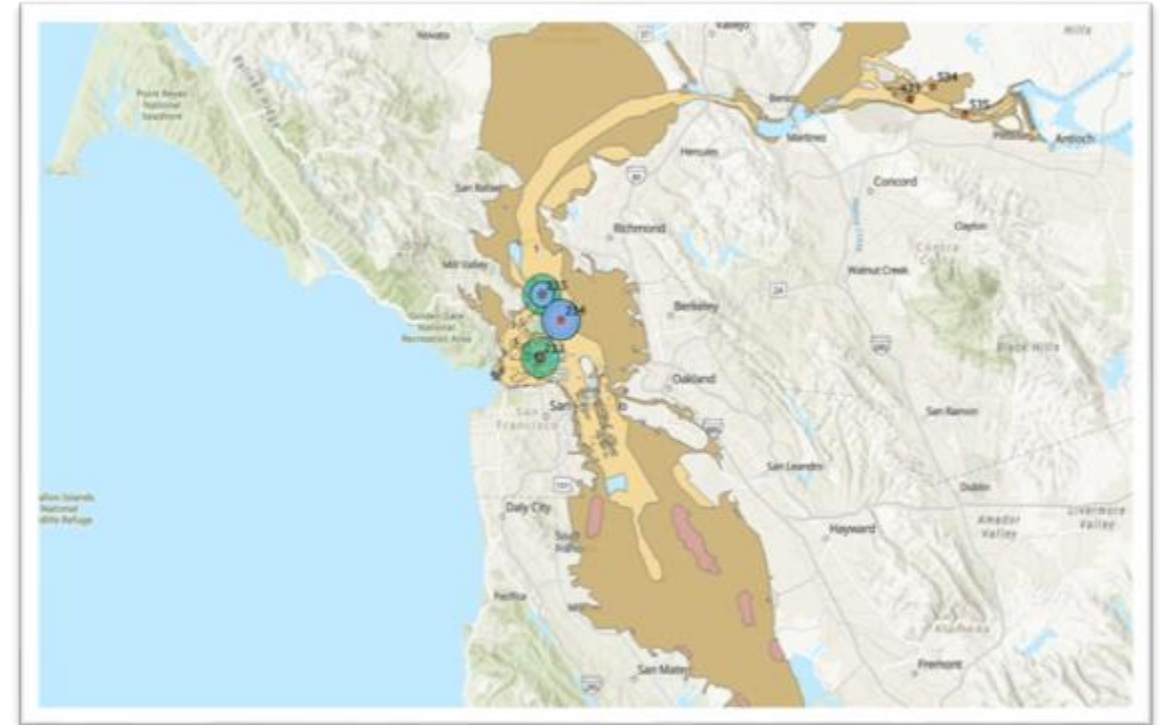
- Cohesively track sand habitat, sand mining, and sand-obligate species



DREDGING MANAGEMENT: SAND MINING SPECIES MAP (IN PROGRESS)

Purpose:

- Improve ecological understanding of the Bay's sand habitats
- Impacts of sand mining on sand-obligate species
 - Who needs the Bay's sand?
 - How much sand should be mined?
- Correlations between population size, species location, and sand mining leases?





SOPHIA GARCIA

University of California, Berkeley
Environmental Economics & Policy
and Society & Environment

BCDC Programs: Compliance and Human
Resources



COMPLIANCE: PERMIT TRACKING & OUTREACH

PERMIT	NAME
M2025.043.00	Sausalito Ferry Terminal Pier Reconstruction

241	73
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Permit Tracking:

- Tracked permittee deliverables and flagged overdue submissions
- Follow-up with permittees to prompt compliance with outstanding deliverables
- Maintained ongoing permit worklog, logging permit status and deliverables
- **Purpose:**
- Establish ongoing permittee relationships
- Prevent "non-compliance" issues from reaching enforcement fines or legal action

COMPLIANCE: OYSTER POINT STAKEHOLDER WORKSHOP

Oyster Point Workshop:

- Research landowners in the area of interest to identify key stakeholders
- Create a survey to collect data on current maintenance practices from stakeholders
- Draft an educational module for stakeholders to use at an in-person workshop

Purpose:

- Upkeep public amenities by training permittees (with pre-existing permits) how to remain code compliant





RYAN ROBERSON

California State University, Humboldt
Environmental Science & Management:
Policy & Planning

BCDC Programs: GIS & Environmental
Justice



ENVIRONMENTAL JUSTICE: COMMUNITY BASED ORG. DIRECTORY



CBO Directory:

- Expanded online CBO Directory to reflect accurate contact information
- Organized outreach data using Excel to create a centralized and easy-to-navigate directory
- Communicated with CBO representatives to confirm informational updates

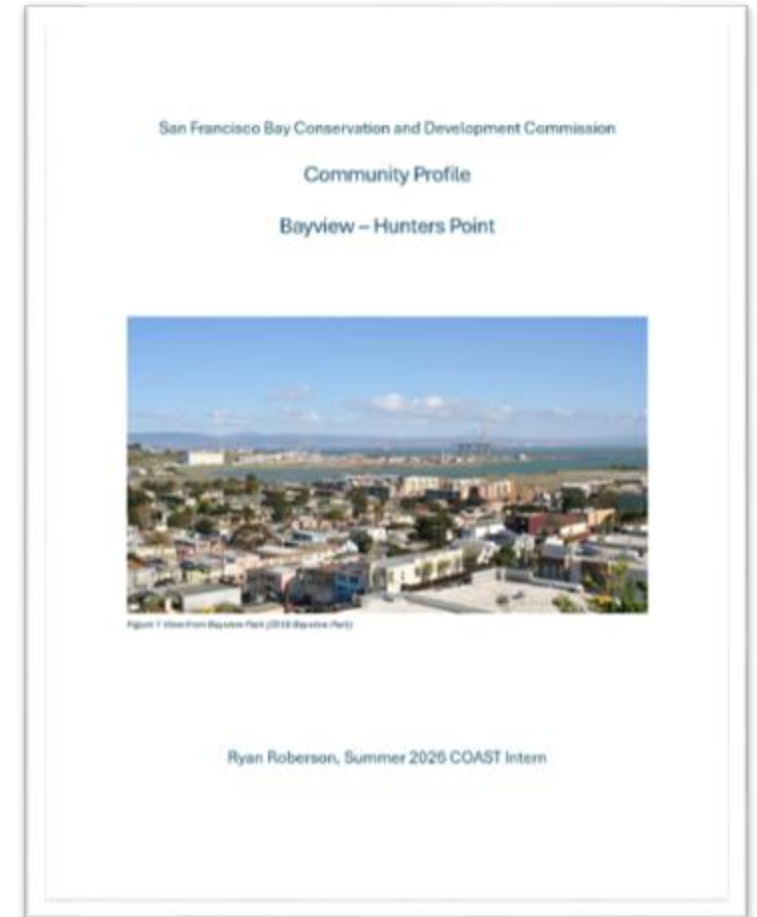
Purpose:

- Develop resources to allow equitable decision making
- Combine qualitative data to create an understanding of shoreline communities

ENVIRONMENTAL JUSTICE: CREATING COMMUNITY PROFILES

Community Profiles:

- Synthesized data including permit records, historical documents, demographics, and pollution indicators to build community profiles
- Analyzed socioeconomic and environmental conditions to identify vulnerable communities
- Produced a mock community profile to support and inform BCDC's environmental justice planning efforts



PROGRAM HIGHLIGHTS

Site visits

- Connecting, experiencing, embodied knowledge

Manager/intern + intern/cohort relationships

- Supportive work culture and people

Projects

- Well-rounded, immersive, and catered to individual interests

Professional Development:

- Exposure to networks of people in various positions



NEW PROGRAM IDEAS

Intern Alumni Database

- Build inter-generational intern cohorts/mentorship

Conference & Event Participation

- Bring interns to a conference for exposure and networking

Expand University Outreach

- Partner with university programs to build a recruiting pipeline

Year-Round Promotion

- Internship promotion on website



THANK YOU BCDP!

