

INTERN PROGRAM REVIEW, SUMMER 2026

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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- Qualitative analysis tools: visual map research & historical documents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 and commission 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?



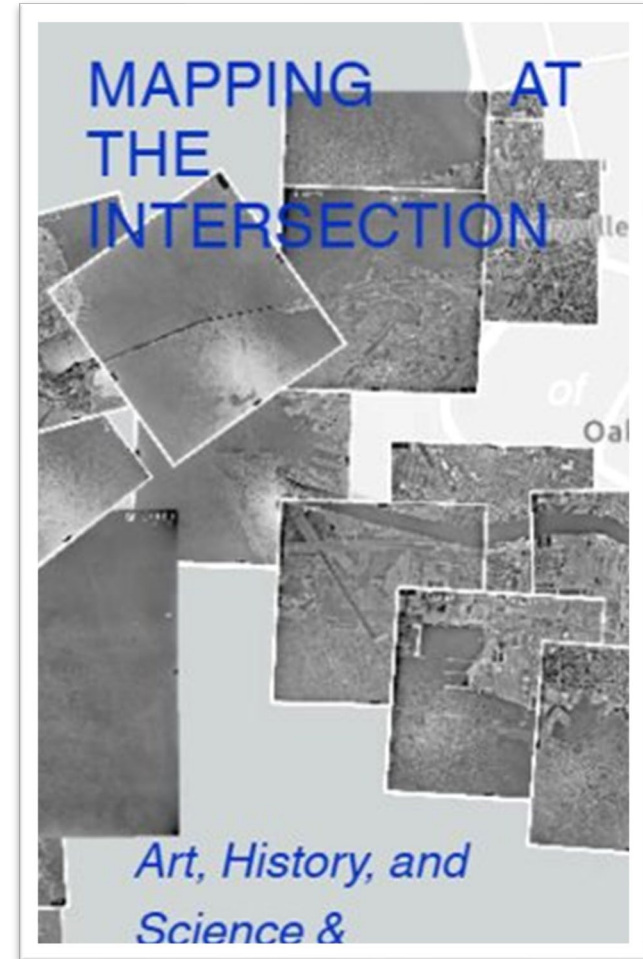
EXTERNAL AFFAIRS: DIGITAL STORYTELLING PHOTO CONTEST

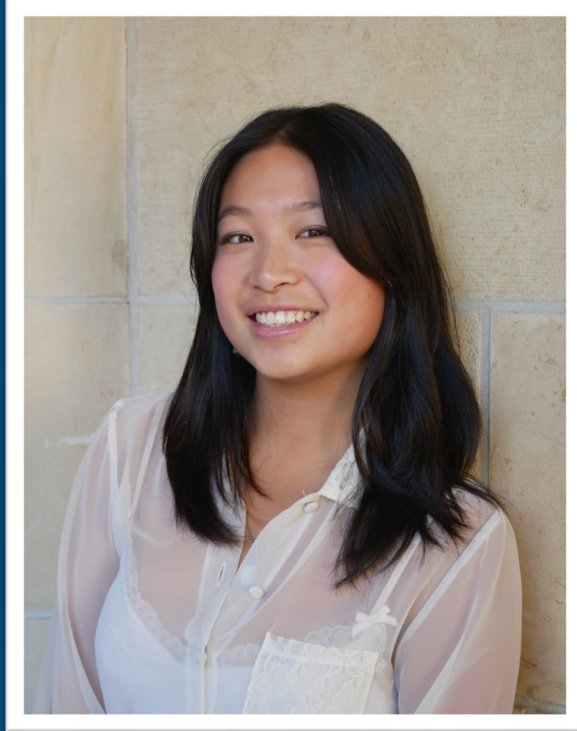
Digital Storytelling Photo Contest with Alyssa Plese

- Authored contest rules and guidelines to structure submission and judging criteria
- Conducted outreach to local businesses to secure \$500 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 and Sediment
Management & Information Technology



DREDGING MANAGEMENT: SAND MINING SPECIES STUDY

Species & Habitat Datasets

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

GIS mapping

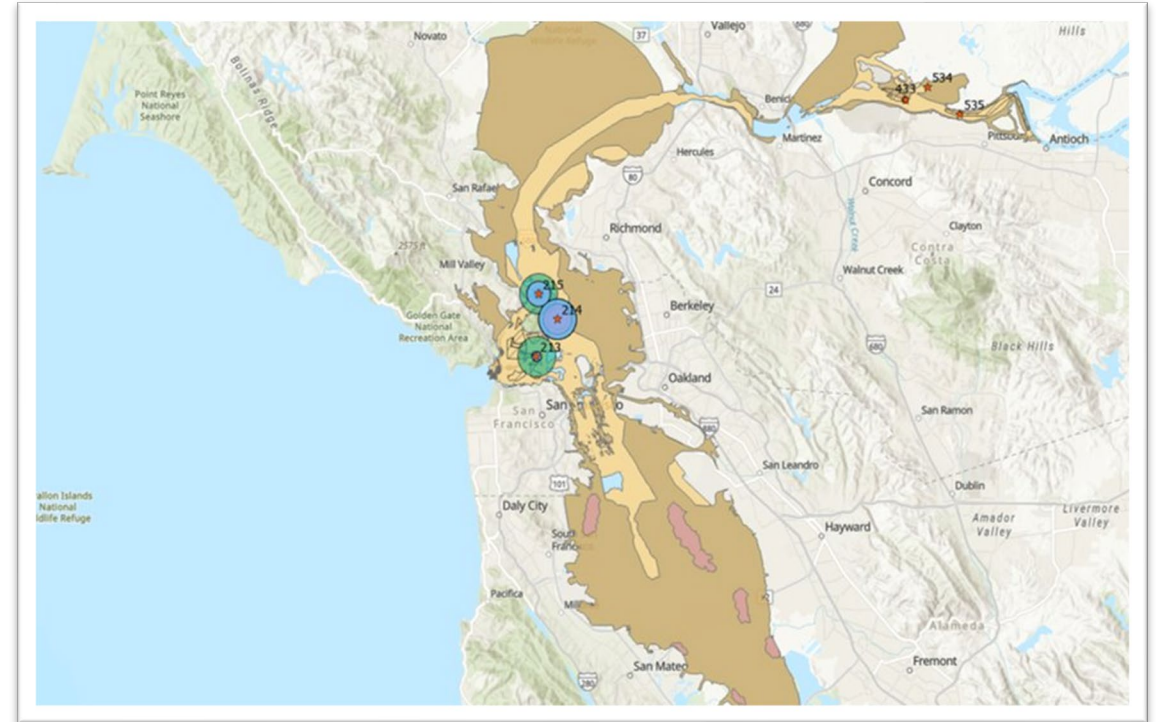
- Cohesively track sand habitat, sand mining, and sand-obligate species



DREDGING MANAGEMENT: SAND MINING SPECIES MAP (IN PROGRESS)

Purpose:

- Improve the Commission's 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

ANCE: OYSTER POINT STAKEHOLDER WORKSHOP

oint Workshop:

ch landowners in the area of interest to
y key stakeholders

a survey to collect data on current
nance practices from stakeholders

n educational module for stakeholders
at an in-person workshop

g
o public amenities by training
ees (with pre-existing permits) how to
code compliant





RYAN ROBERSON

California State Polytechnic 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

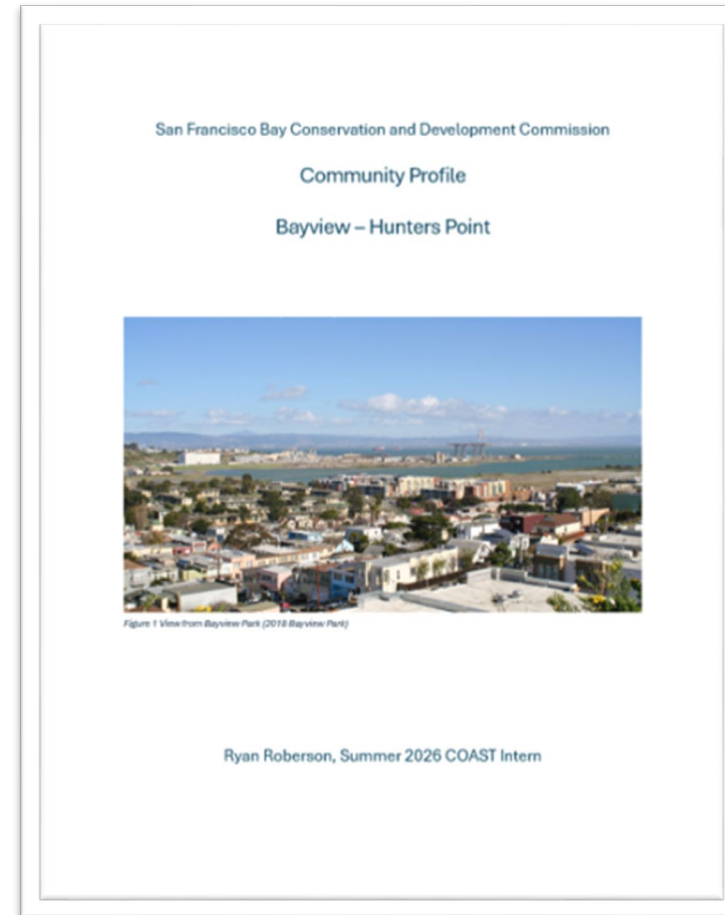
ENVIRONMENTAL JUSTICE: CREATING COMMUNITY PROFILES

Community Profiles:

Collected data including permit records, historical events, demographics, and pollution indicators to create community profiles

Used socioeconomic and environmental data to identify vulnerable communities

Used a template community profile to support BCDC's environmental justice planning



AM HIGHLIGHTS

s

ating, experiencing, embodied knowledge

r/intern + intern/cohort relationships

ative work culture and people

unded, immersive, and catered to
ual interests

onal Development:

re to networks of people in various
ns



PROGRAM IDEAS

Alumni Database

Connect intern cohorts and mentorship
between past/future interns

Conference & Event Participation

Bring interns to a conference for
exposure and networking

University Outreach

Partner with university programs to build
recruiting pipeline

Brand Promotion

Internship promotion on website



ANK YOU BCDC!

