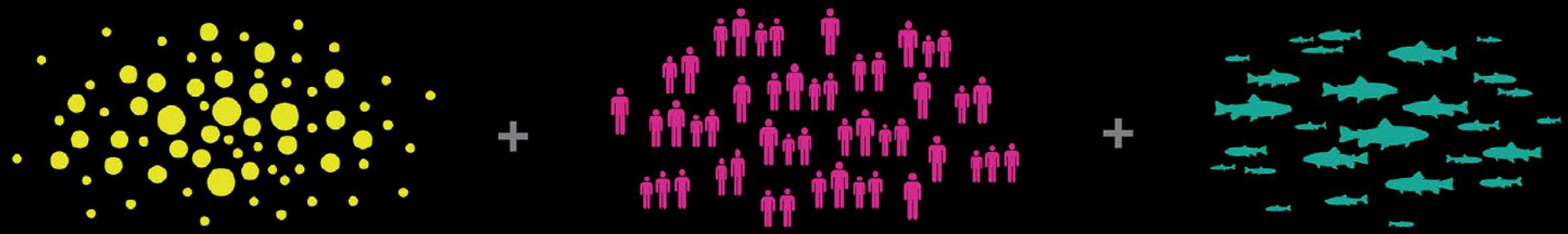
PUBLIC SEDIMENT
ALAMEDA CREEK ATLAS



SEDIMENT + PEOPLE + FISH

UNLOCK ALAMEDA CREEK

The Alameda Creek Watershed is the largest local watershed emptying into the San Francisco Bay. It is a watershed vulnerable to climate impacts, given the last 100 years of development that has occurred within the lower floodplain, and the flood control systems that have been erected to protect that development. There is a potential to build resilience to these impacts by reimagining how the Creek is managed; that effort will require engagement with community members and stakeholders to help define the complex socio-ecological conditions of the watershed as a place.

PROJECT GOALS

UNLOCK SEDIMENT FLOWS **MAKE SEDIMENT PUBLIC** **DESIGN FOR FISH**

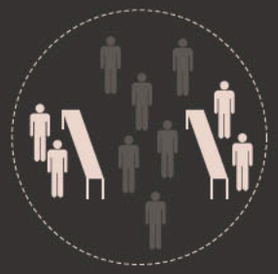
The place research represented by the Alameda Creek Atlas, is part of multi-pronged effort to build resilience to climate impacts in the watershed through planning and design for sediment transport and Steelhead Trout habitat. Engaging communities and stakeholders within the research and planning of the watershed supported the creation of a feed-back loop, whereby local experts shared broad and diverse conceptualizations of the watershed as a place to the design and research team, and project members then reflected these conceptualizations back to inform a constituency that might advocate for the necessary changes within the watershed.

COMMUNITY OUTREACH EFFORTS

PUBLIC PRESENTATION

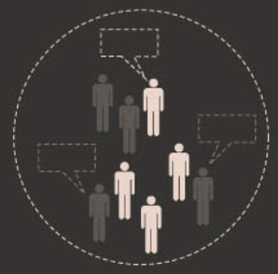
WORKING GROUP MEETINGS:
Working group established with existing stakeholders including the Alameda County Flood Control District, Alameda County Water District, South Bay Salt Pond Restoration, San Francisco Public Utilities District, East Bay Regional Parks District, Alameda County Resource Conservation District, the City of Fremont and the Alameda Creek Alliance.

COMMUNITY PRESENTATIONS:
Project presented to Alameda Creek Fisheries Working Group, the San Francisco Planning and Urban Research Organization, the University of California Davis, and the Southern Alameda County Air Quality District.



INTEGRATED COMMUNITY EVENT

TABLING COMMUNITY EVENTS:
Public engagement with community members through the integration with existing programs and events. This includes tabling at public events such as the Sunol Wildflower Festival, the City of Fremont Earth Day celebration, and the LEAF Earth Day event. Project becomes one of many activities associate with event.



COMMUNITY WORKSHOP

YOUTH-ENGAGED WORKSHOPS:
Co-design activities with community youth in collaboration with community partners, including American , JFK, and Irvington High Schools in Fremont, Acta Non Verba in Oakland, and the Union City Teen Center.

INTERGENERATIONAL STORY SHARE:
Narrative-based community workshop between youth and elders in collaboration with the Ruggieri Senior Center in Fremont.

WORKING GROUP MEETINGS:
Alameda Co. Public Works, Hayward
Jan 28, Feb 28, Apr 18
~30 participants

COMMUNITY PRESENTATION:
Alameda Creek Fisheries Working Group, SFPUC at Sunol
Mar 5, XX participants

YOUTH WORKSHOP:
Acta Non Verba, Sunol AgPark
Apr 5, 20 participants

TABLING COMMUNITY EVENT:
East Bay Regional Parks Wildflower Festival, Sunol
Apr 8, 500 participants

NILES CANYON STAGING AREA

YOUTH-ENGAGED WORKSHOP // COMMUNITY PRESENTATION:
Alameda Creek Crawl, Fremont
Feb 28, 100 participants

ZONE OF HIGH SOCIAL VULNERABILITY INDEX TO CLIMATE IMPACTS

INTERGENERATIONAL STORY SHARE:
Ruggieri Senior Center, Union City
May 2, 13 participants

YOUTH-ENGAGED WORKSHOP:
Union City Teen Center
Planned for summer 2018

TABLING COMMUNITY EVENT:
LEAF Earth Day, Fremont
Apr 22, XXX participants

NILES COMMUNITY PARK

COMMUNITY PRESENTATION:
Public Fish Ladder Walking Tour
Alameda Co Water District, Fremont
Mar 27, 16 participants

BEARD STAGING AREA

COMMUNITY PRESENTATION:
So Alameda Co Spare the Air Resource Team, Union City
May 24, ~10 participants

SAN FRANCISCO BAYLANDS

ALAMEDA CREEK STAGING AREA

YOUTH-ENGAGED WORKSHOP
American HS AP Environmental Science, Fremont
Apr 11, 35 participants

ISHERWOOD STAGING AREA

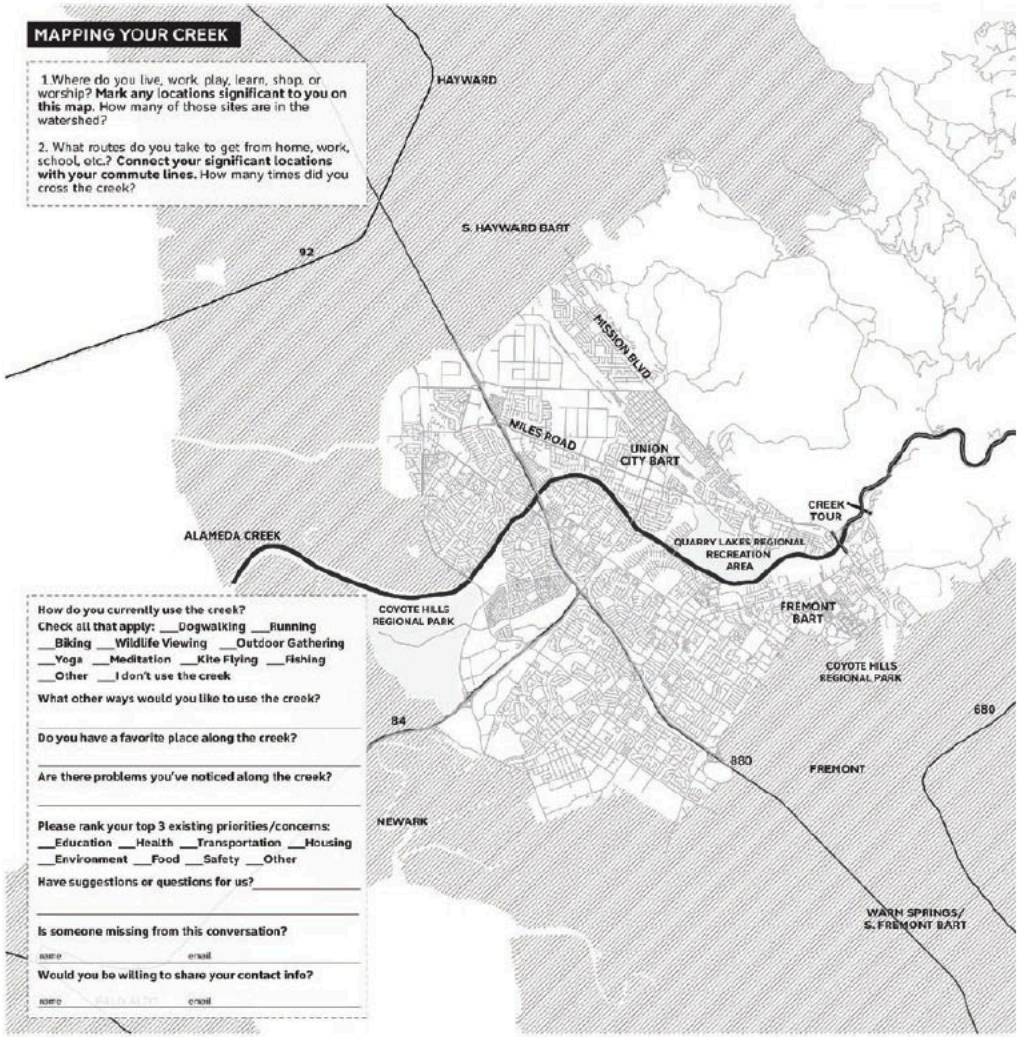
TABLING COMMUNITY EVENT:
City of Fremont Earth Day Celebration
Apr 21, 1,000 participants

COMMUNITY PRESENTATION:
San Francisco Planning and Urban Research (SPUR), San Jose
Apr 10, 50 participants

YOUTH-ENGAGED WORKSHOP:
JFK High School, Fremont
Apr 19, XX participants

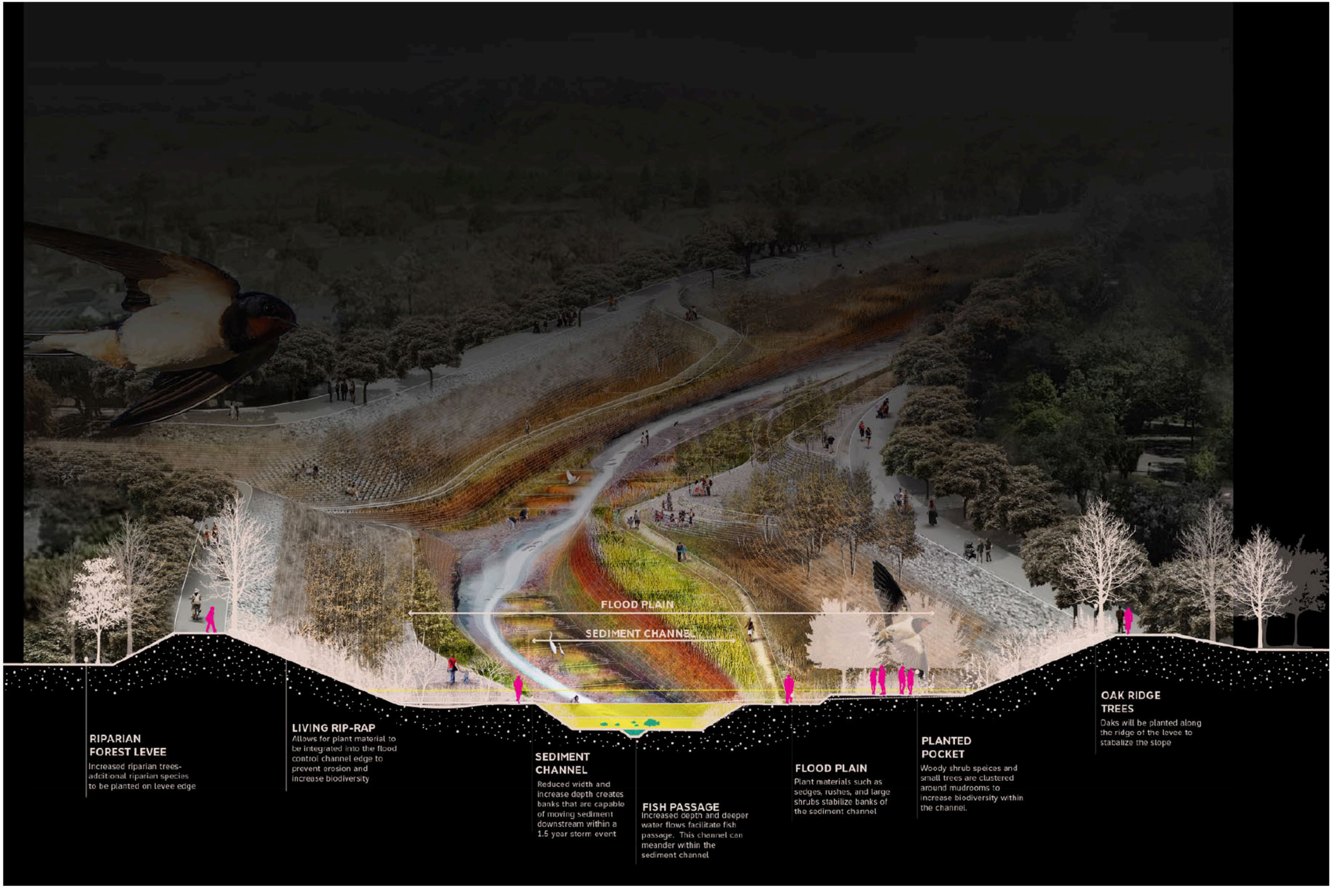
ZONE OF HIGH SOCIAL VULNERABILITY INDEX TO CLIMATE IMPACTS

The research and design team also met community-members 'where they already were,' integrating with existing local events, celebrations, educational programming, and multi-generational centers. Models, maps, photographs, tactile sediment play, story-shares, digital scavenger hunts and other interactive activities were utilized to bring the watershed to the people.



Various mapping strategies were employed to gain a better understand of community conceptualizations of the watershed. Few recognized they lived in a floodplain until interacting with topographic models. Community participants could explore the relationship of their movement flows in the watershed through the placement of rubberbands: exposing a cross-grain against the flow of fish and sediment.

Digital scavenger hunts allowed for participants to provide feedback following workshops and engagement events. By aggregating via social media, the project team could continue to collect community conceptualizations of the watershed beyond contact hours.



Final design and planning considerations employed the broad and diverse conceptualizations of this socio-ecological waterhsed as place, as provided by its communities. Thus community members directly participated in the building of their own climate resilience.