

3

Environmental Perspective

Participants

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President, POST

Louise Bedsworth

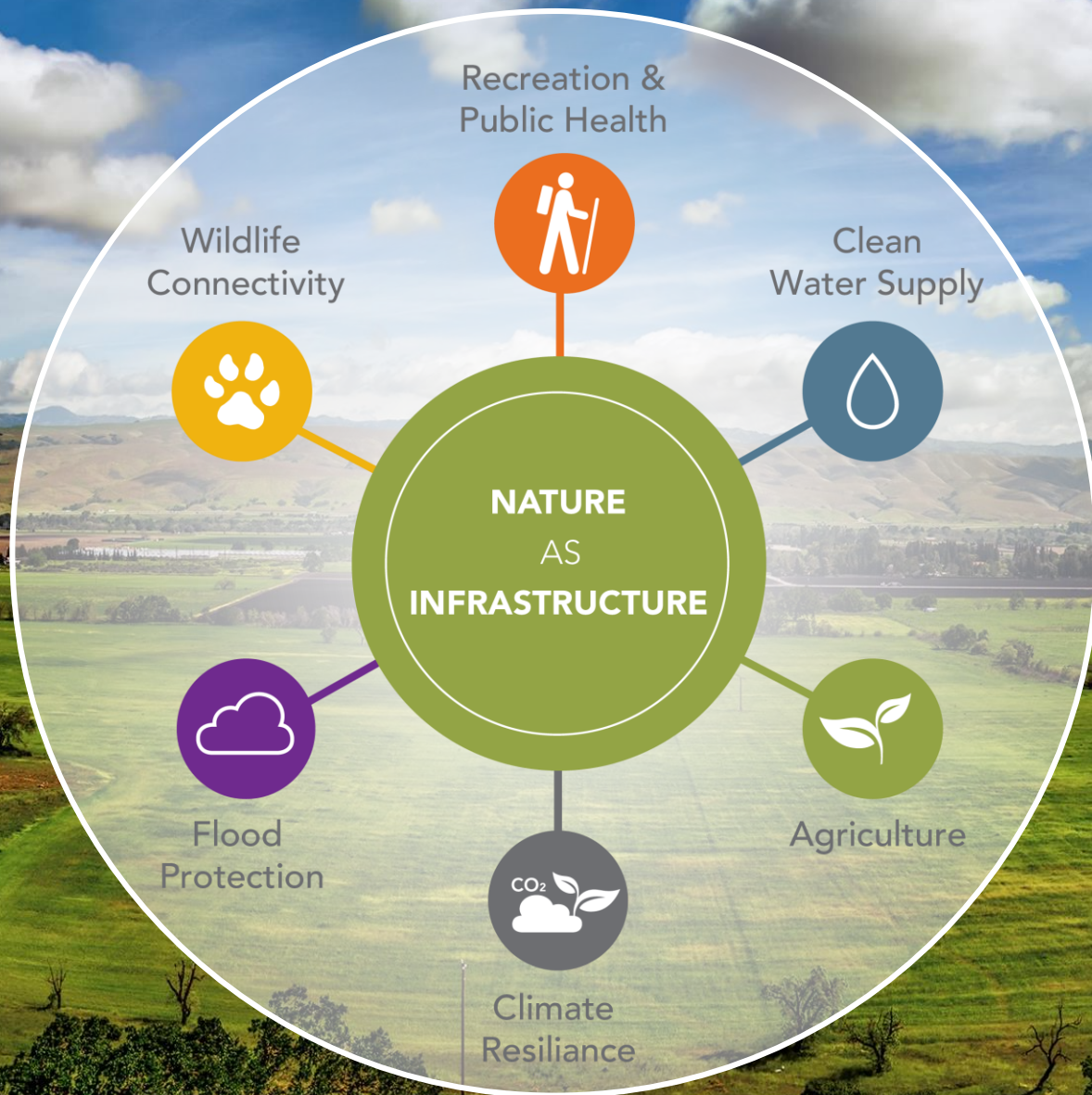
Executive Director, California Strategic Growth Council

Matt Cano

Director of Public Works, City of San Jose

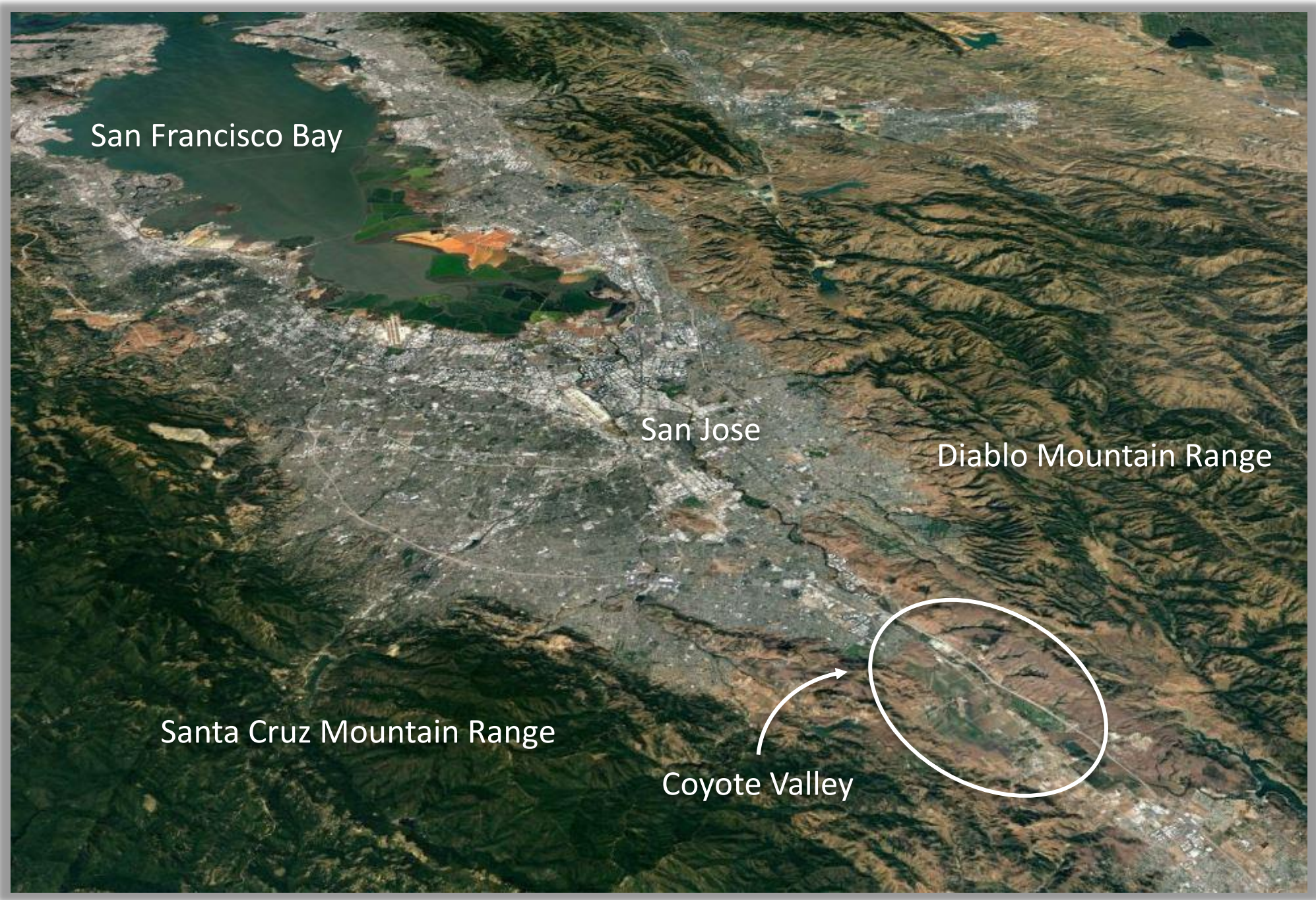
COYOTE VALLEY

AN IRREPLACEABLE
MULTI-BENEFIT LANDSCAPE



ESSENTIAL ENVIRONMENTAL, ECONOMIC, AND COMMUNITY BENEFITS

- Improved air quality
- Wildlife protection
- Water quality protection
- Flood attenuation
- Local food production
- Ecosystem resilience to climate change
- Public health and enjoyment
- Protection of life and property from Wildland Fire Management
- Carbon Sequestration, Climate Adaptation, and Resilience



San Francisco Bay

San Jose

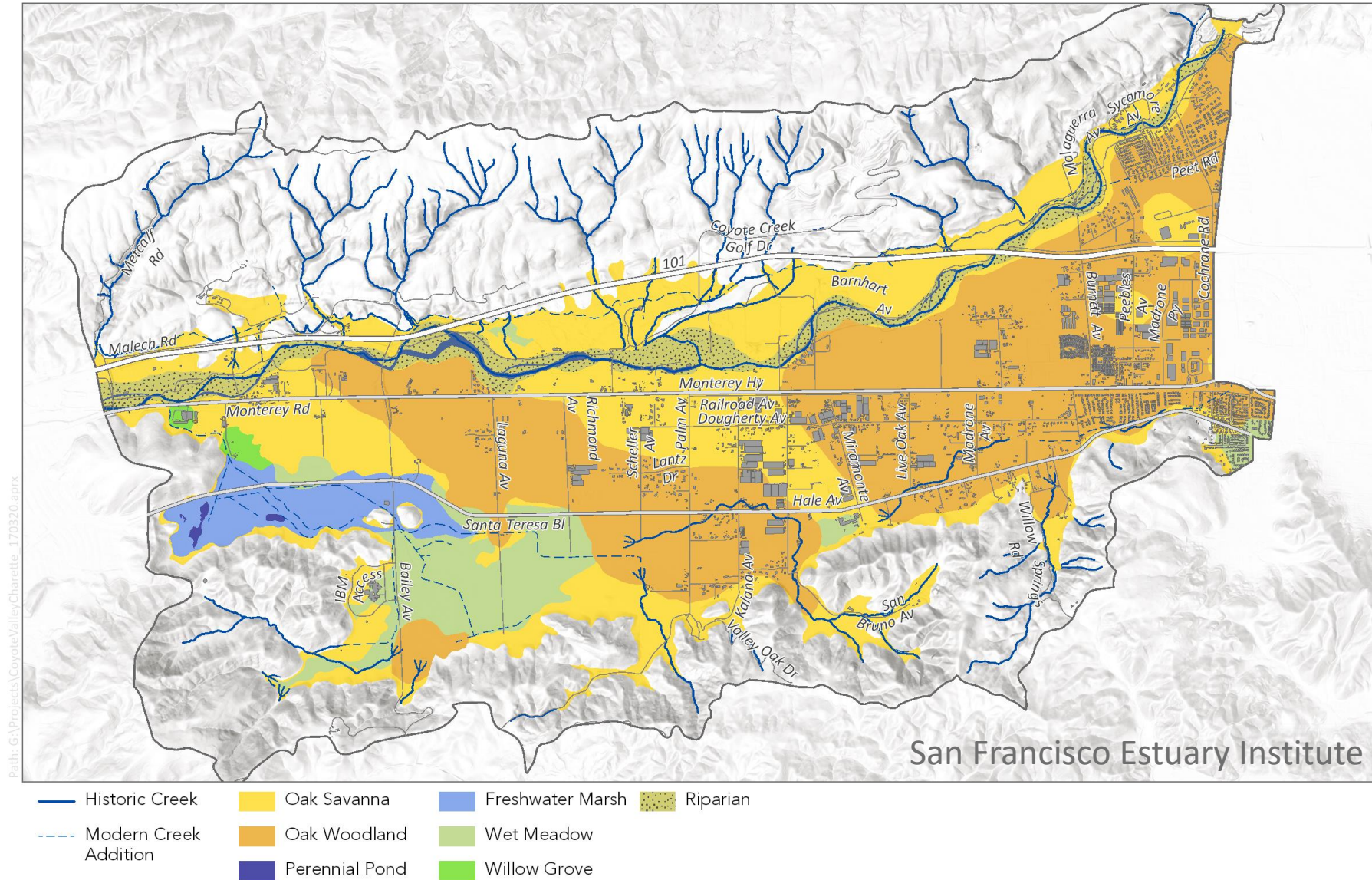
Diablo Mountain Range

Santa Cruz Mountain Range

Coyote Valley

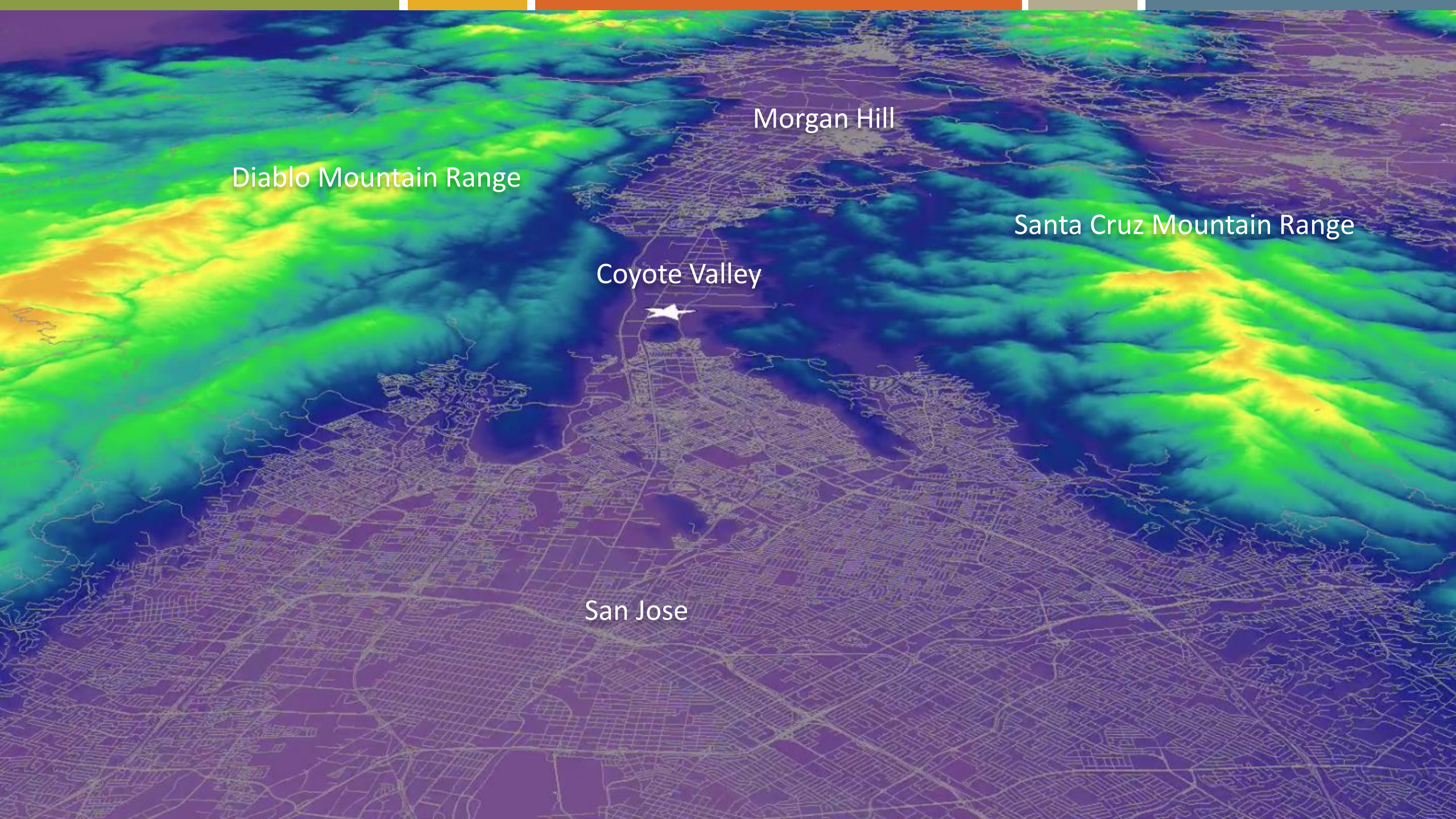
Last Remaining Valley Floor Habitats

Historical Ecology





COYOTE VALLEY & WILDLIFE CONNECTIVITY



Morgan Hill

Diablo Mountain Range

Santa Cruz Mountain Range

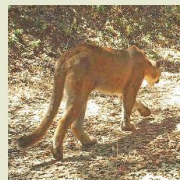
Coyote Valley

San Jose

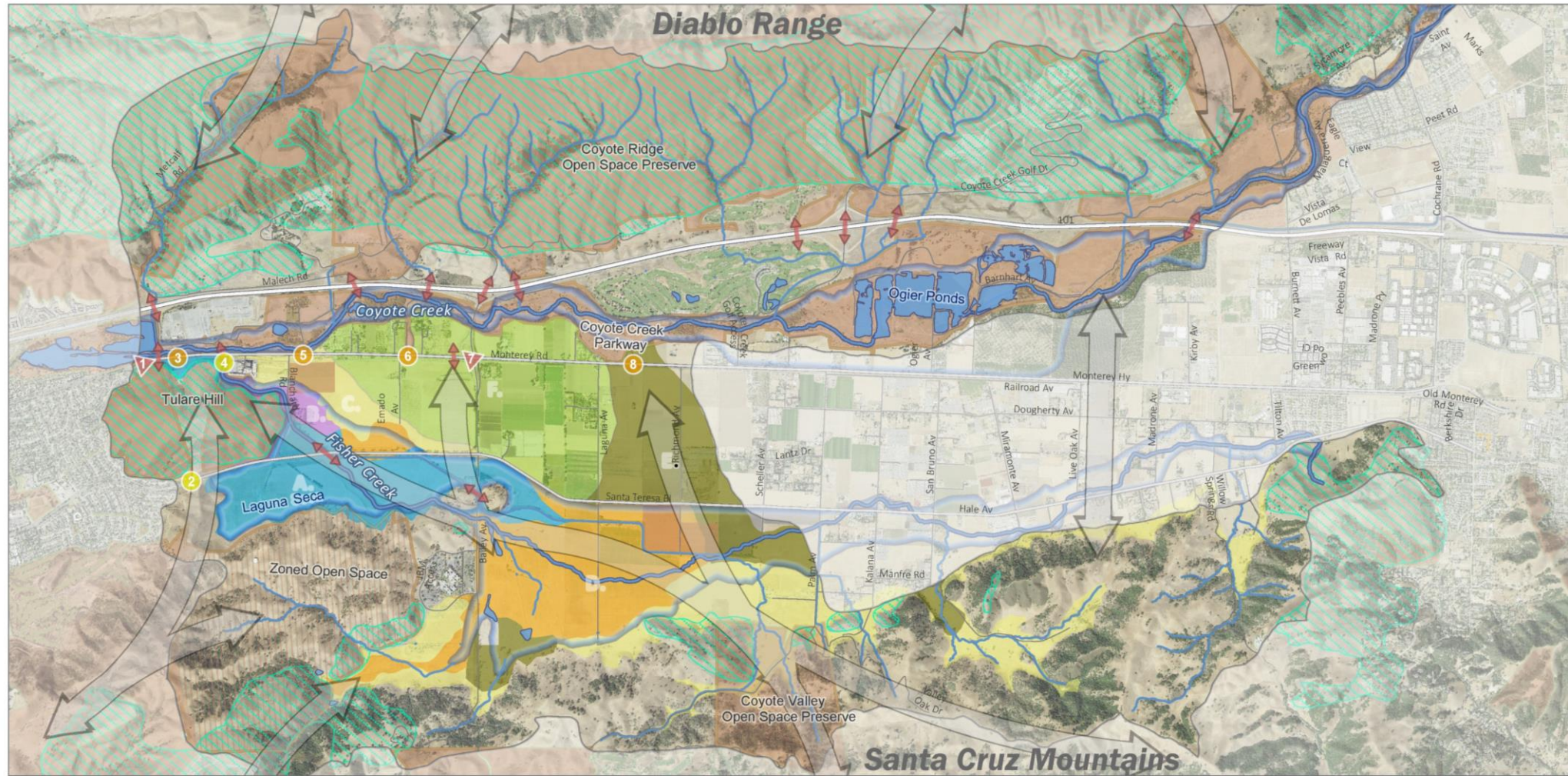


Coyote Valley Landscape Linkage

Conservation for a Resilient Future



Coyote Valley: Landscape Linkage Vision



General Wildlife Pathways

Documented Wildlife Pathways

Protected Lands

Enhanced Culvert

New Culvert

New Overpass

Oak Savanna

Oak Woodland / Orchard

Wildlife Friendly Agriculture

Willow Grove

Freshwater Wetland

Wet Meadow

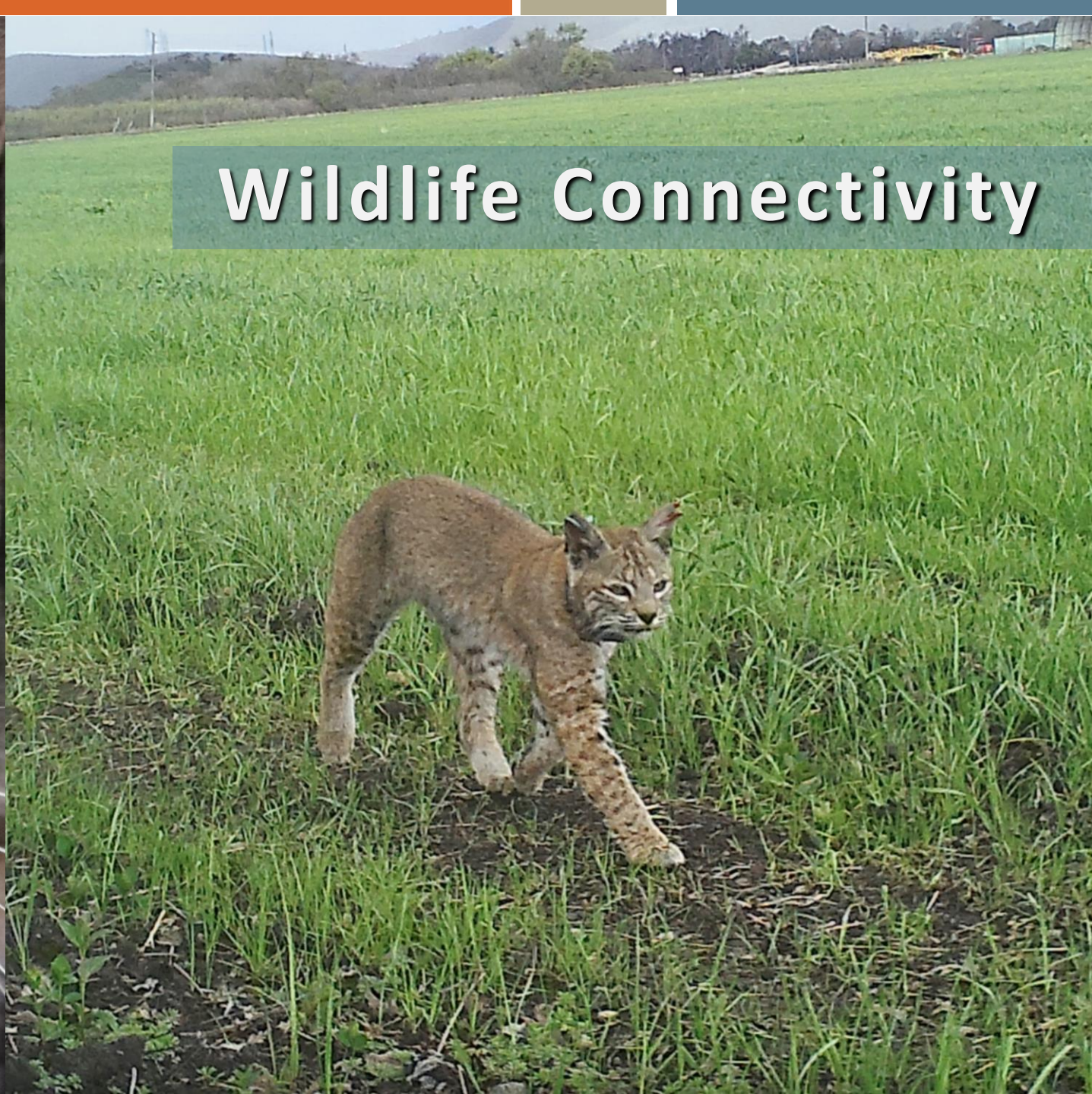
Serpentine

Restored Floodplain



0 0.25 0.5 1 Mile

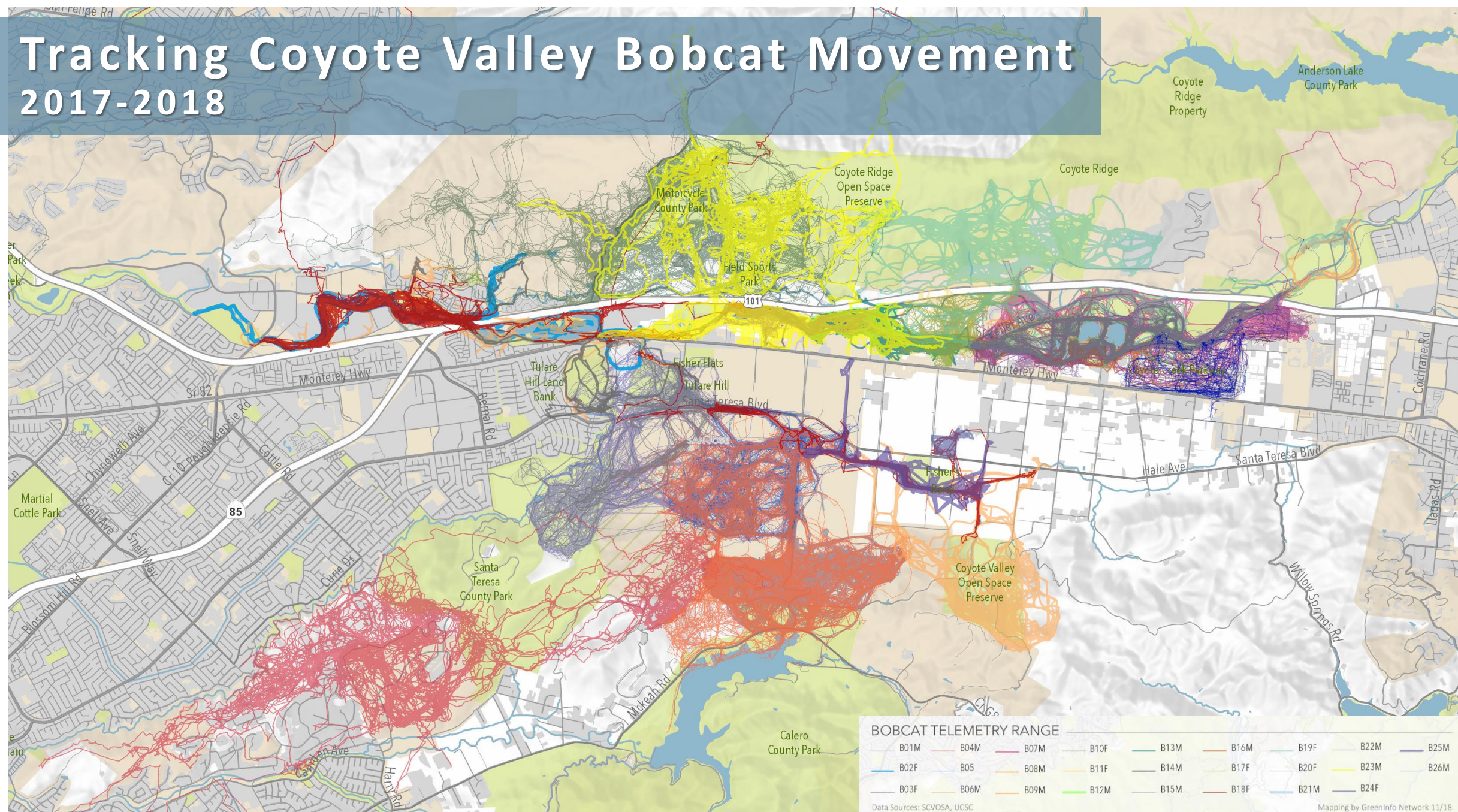




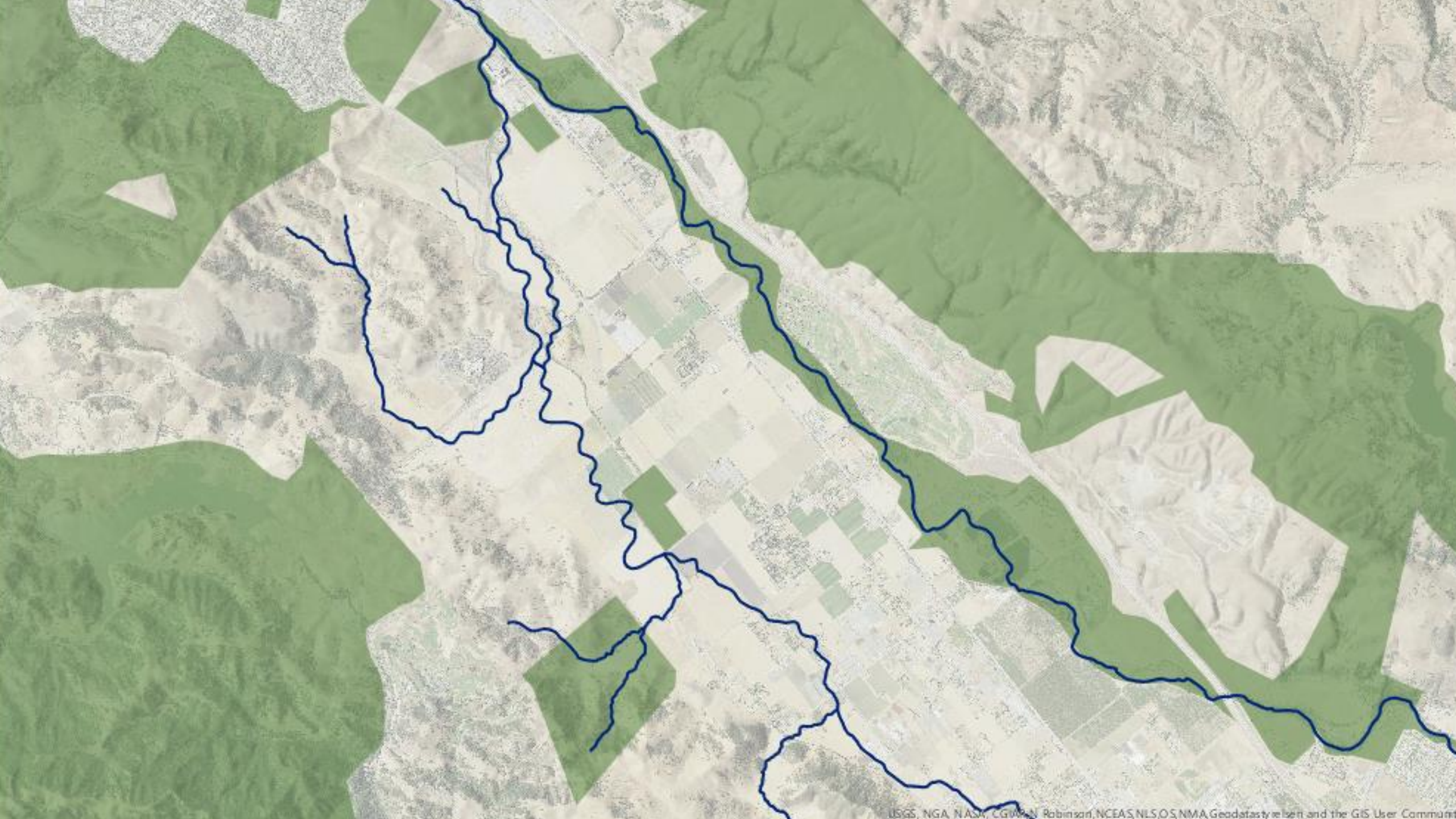
Wildlife Connectivity

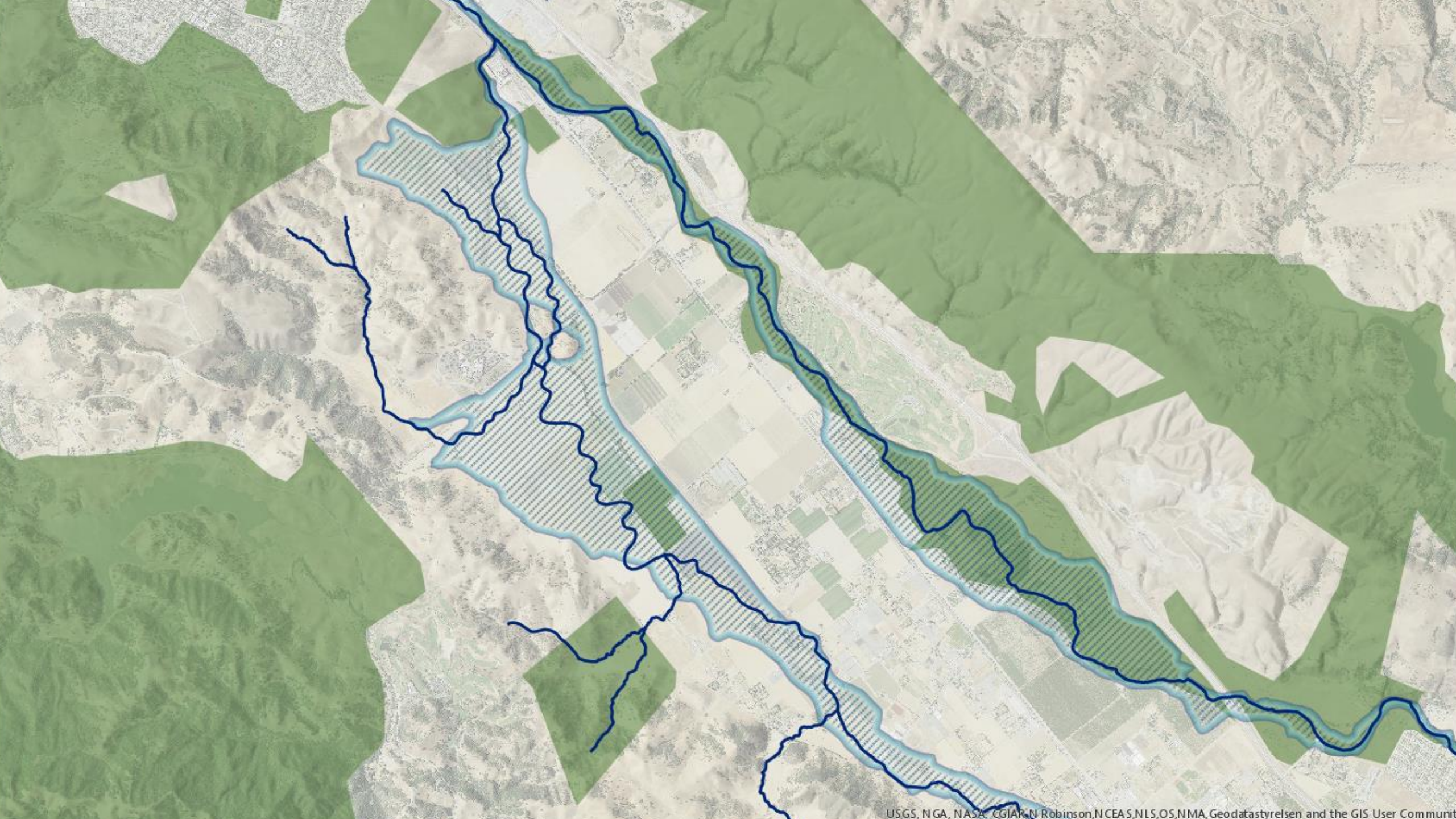
Tracking Coyote Valley Bobcat Movement

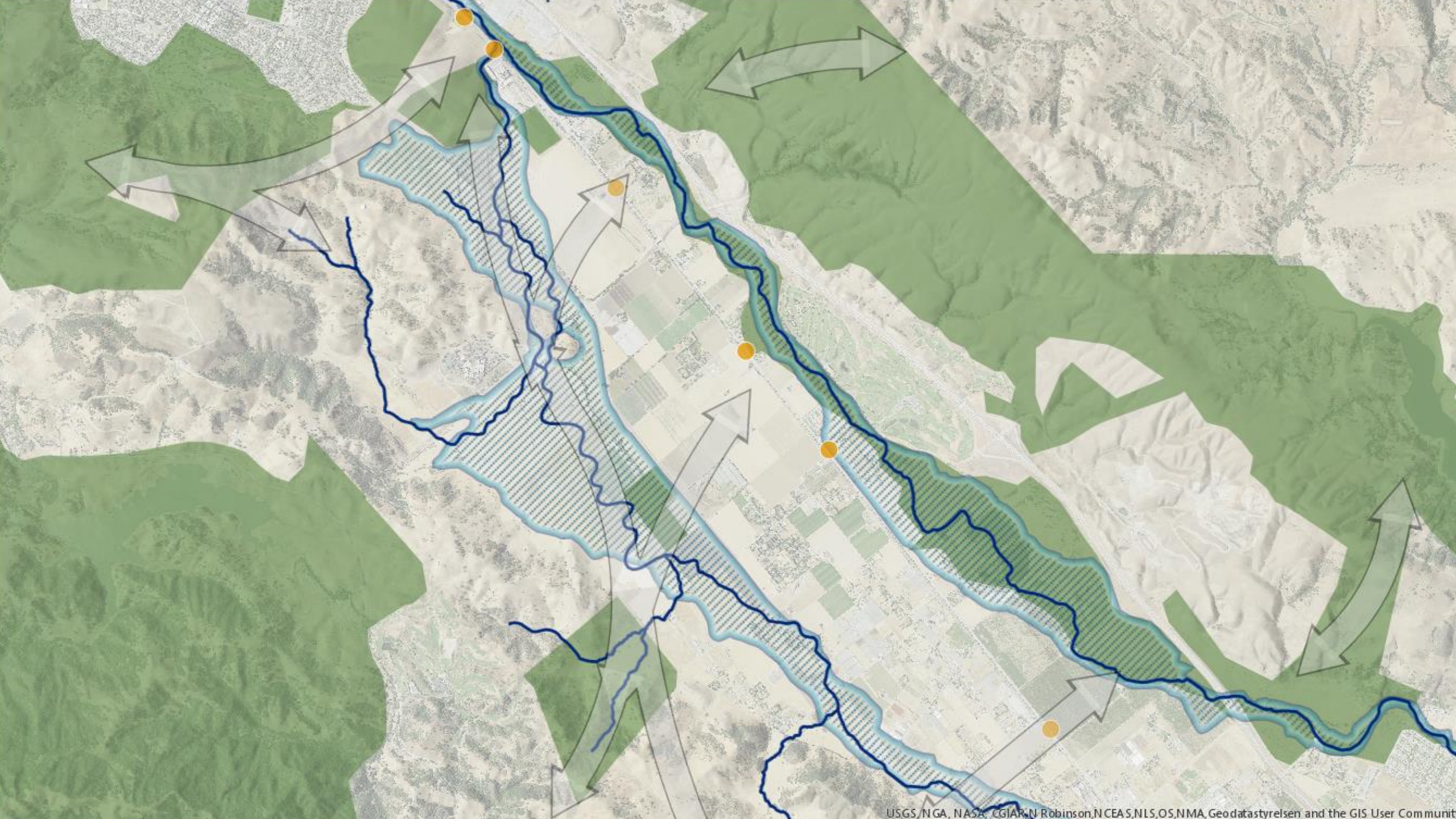
2017-2018

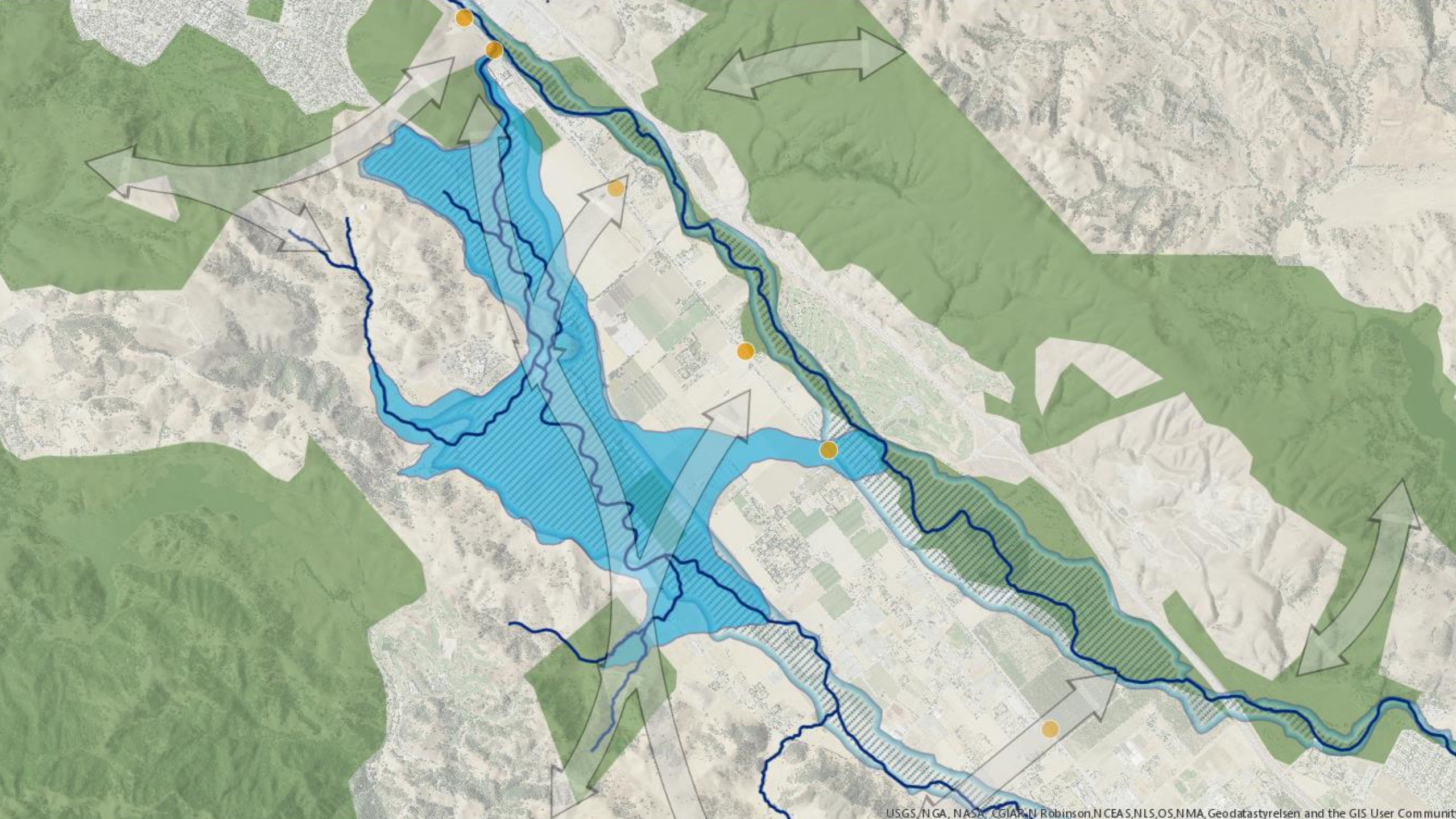


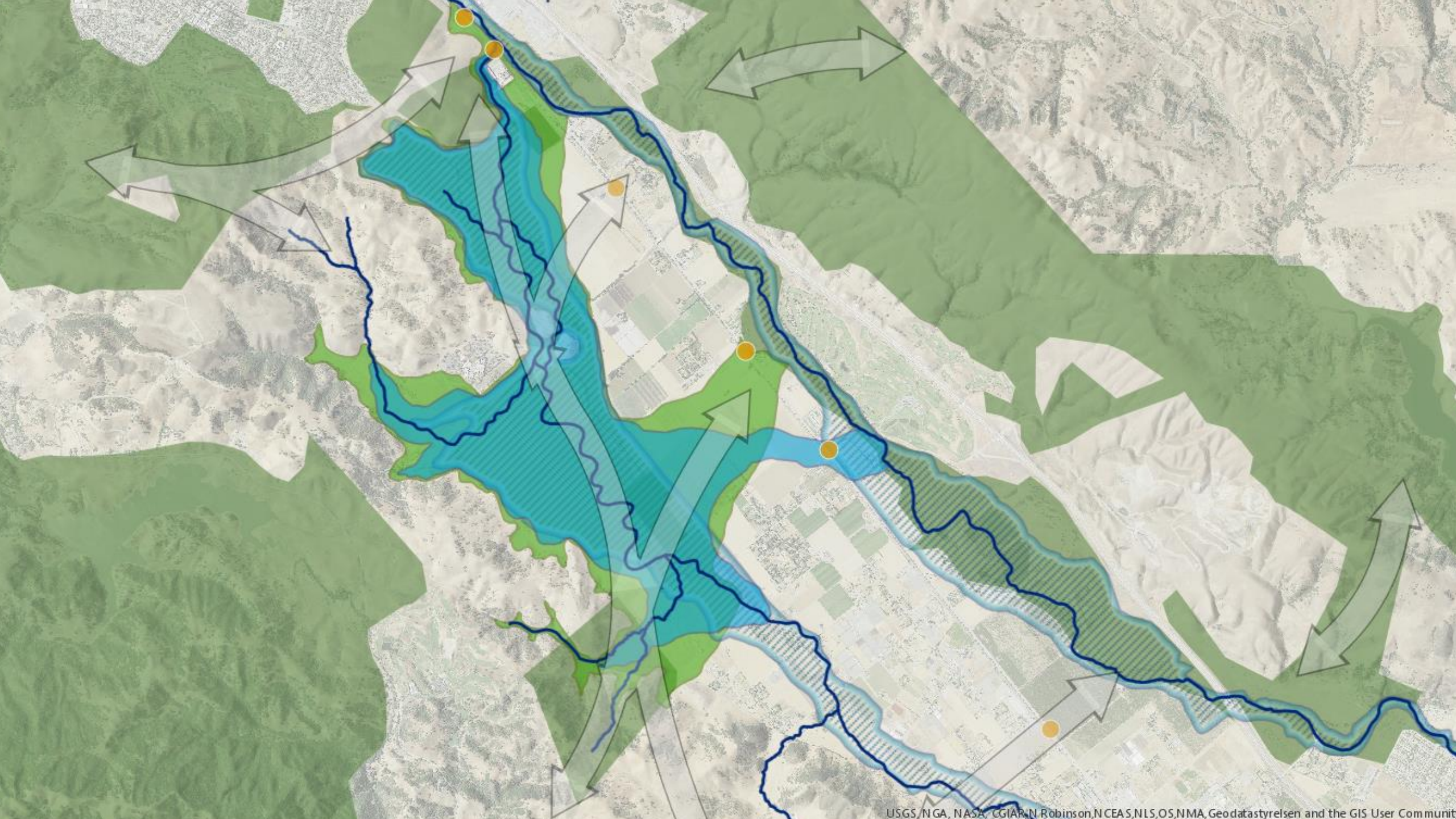


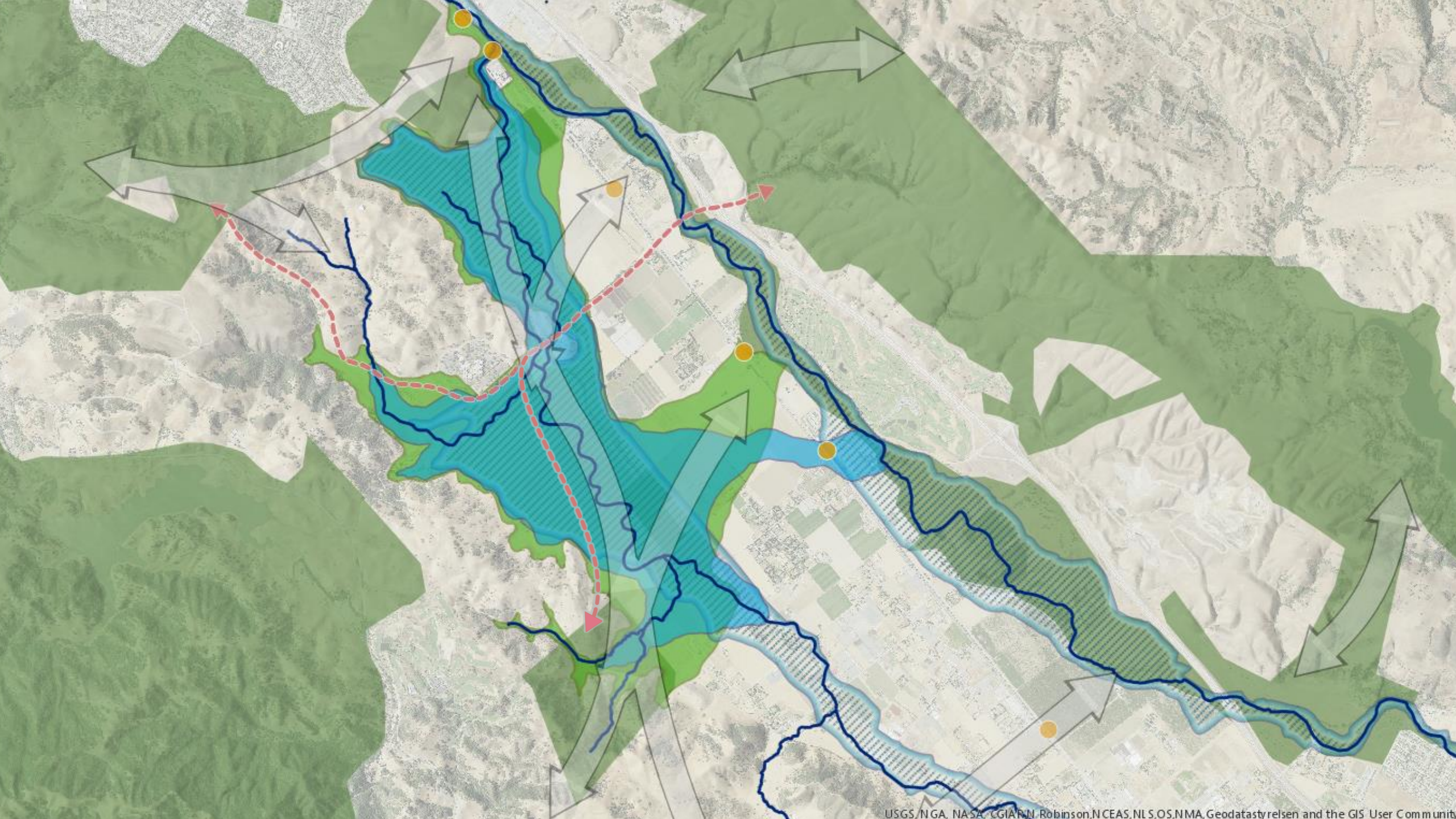












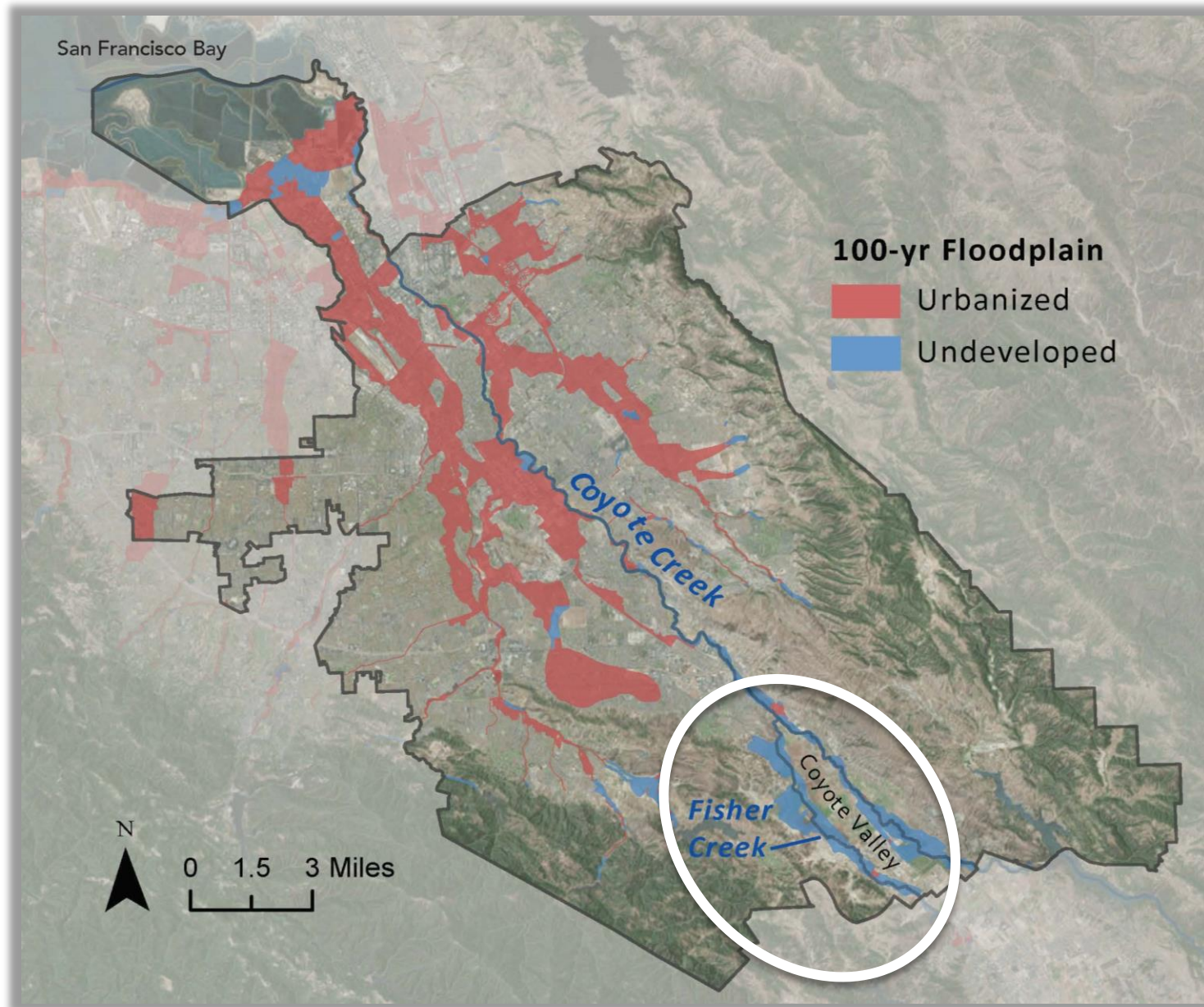


COYOTE VALLEY'S NATURAL FLOODPLAINS & WATER RESOURCES

Northern Laguna Seca



Creek Floodplains in the City of San Jose



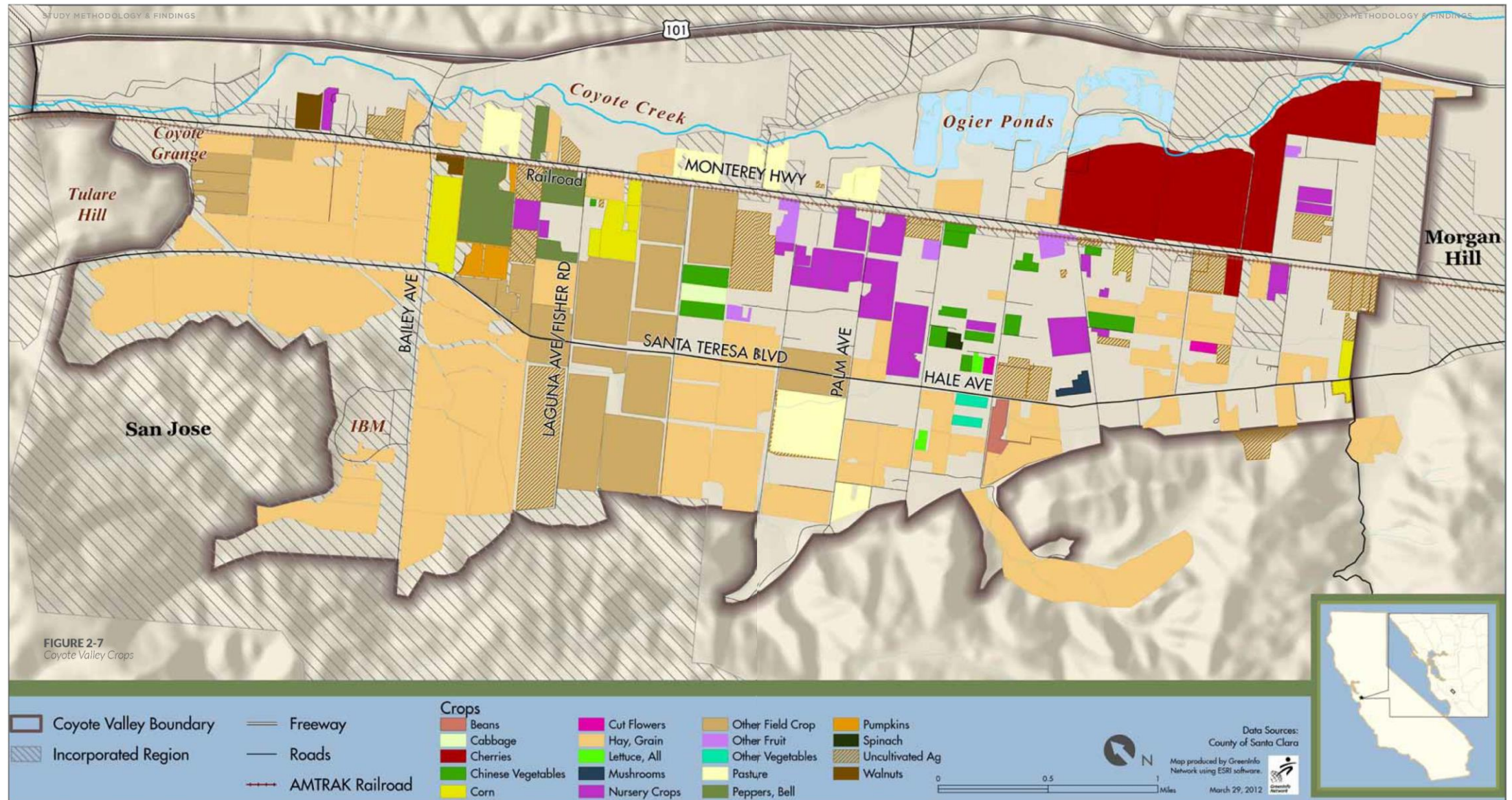


COYOTE VALLEY & AGRICULTURE





Coyote Valley Crop Production





Santa Clara Valley

Agricultural Plan:

INVESTING IN OUR WORKING LANDS
FOR REGIONAL RESILIENCE

December 2017
County of Santa Clara
Santa Clara Valley Open Space Authority

FINAL DRAFT: DECEMBER 5, 2017





COYOTE
VALLEY AS A
COMMUNITY
ASSET





Amgen Tour of California Coyote Valley





ECONOMIC BENEFITS OF CONSERVING COYOTE VALLEY



A nighttime photograph of a city skyline, likely New York City, featuring several illuminated skyscrapers. In the foreground, a highway shows long-exposure light trails from cars, with white trails on the left and red trails on the right. A green exit sign with a white arrow pointing left is visible in the lower right foreground. The sky is dark with some clouds.

ECONOMY

A close-up photograph of a vibrant green leaf covered in numerous water droplets of varying sizes. The leaf's veins are clearly visible, and the droplets catch the light, creating a fresh and natural feel.

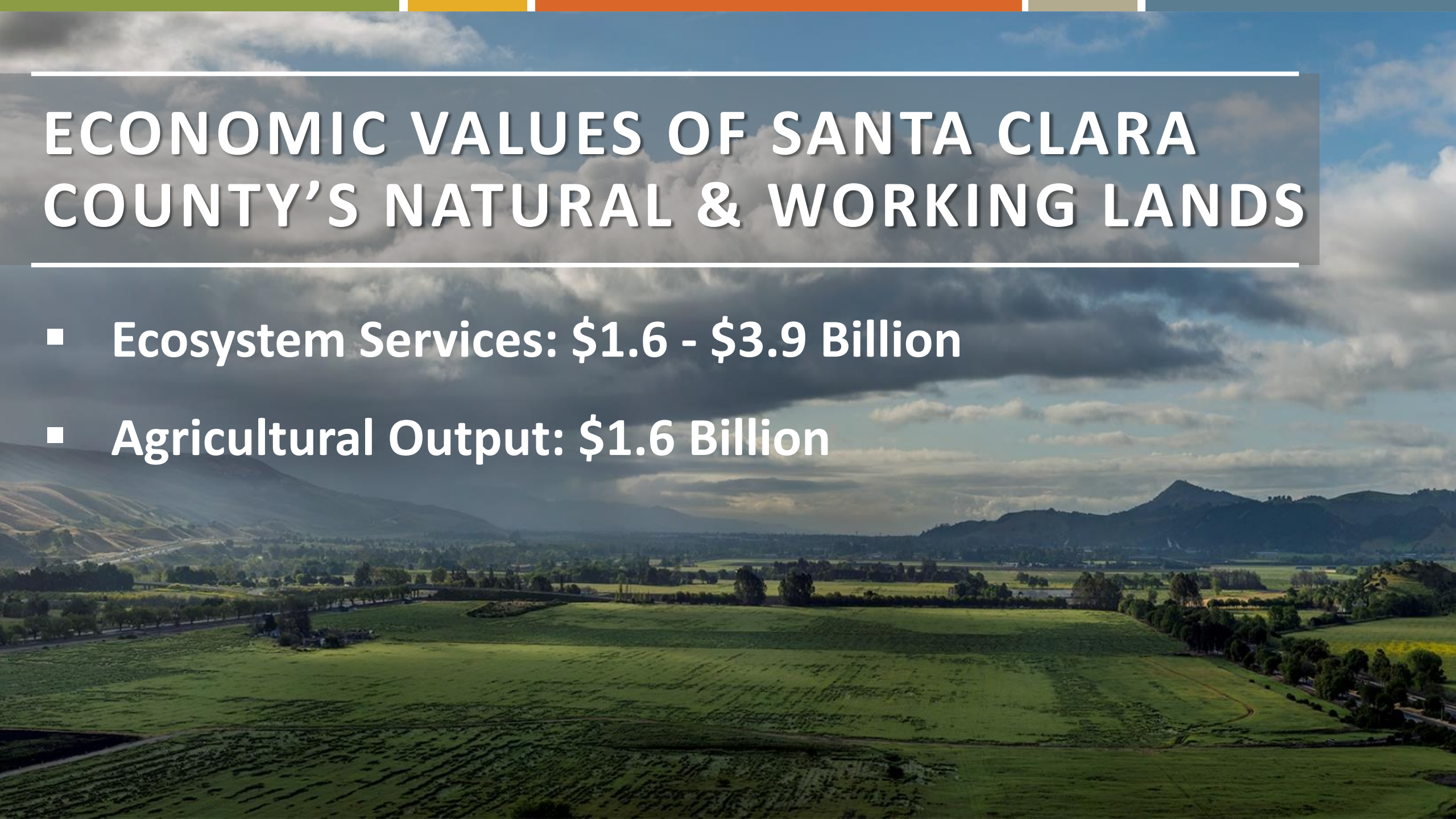
ENVIRONMENT

ENVIRONMENT

ECONOMY

ECONOMIC VALUES OF SANTA CLARA COUNTY'S NATURAL & WORKING LANDS

- Ecosystem Services: \$1.6 - \$3.9 Billion
- Agricultural Output: \$1.6 Billion

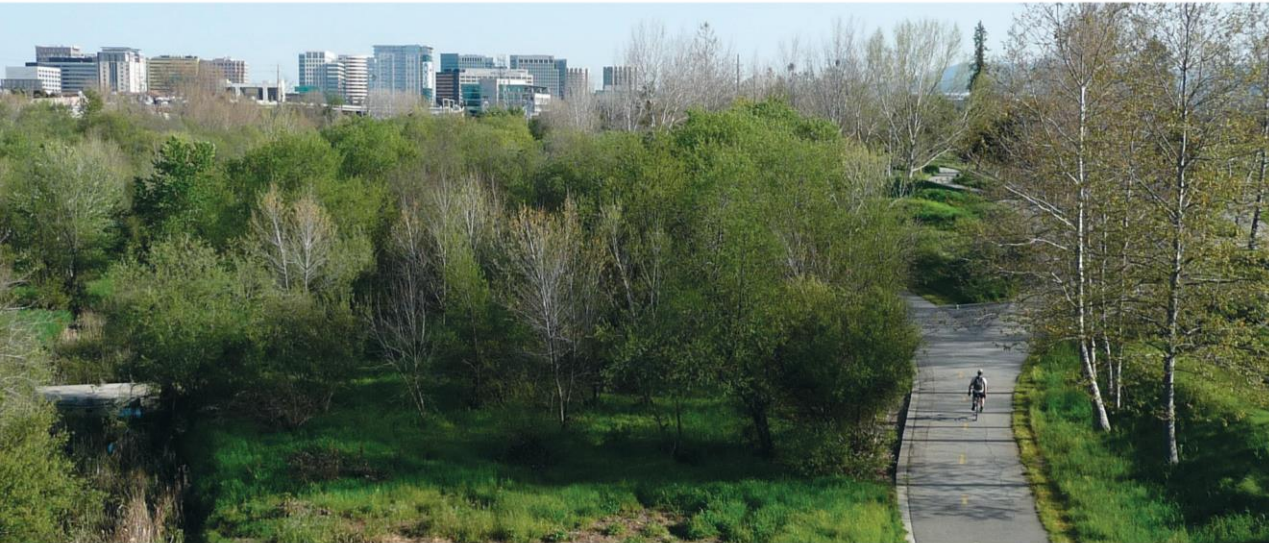




ECONOMIC & RESILIENCE BENEFITS OF CONSERVING COYOTE VALLEY

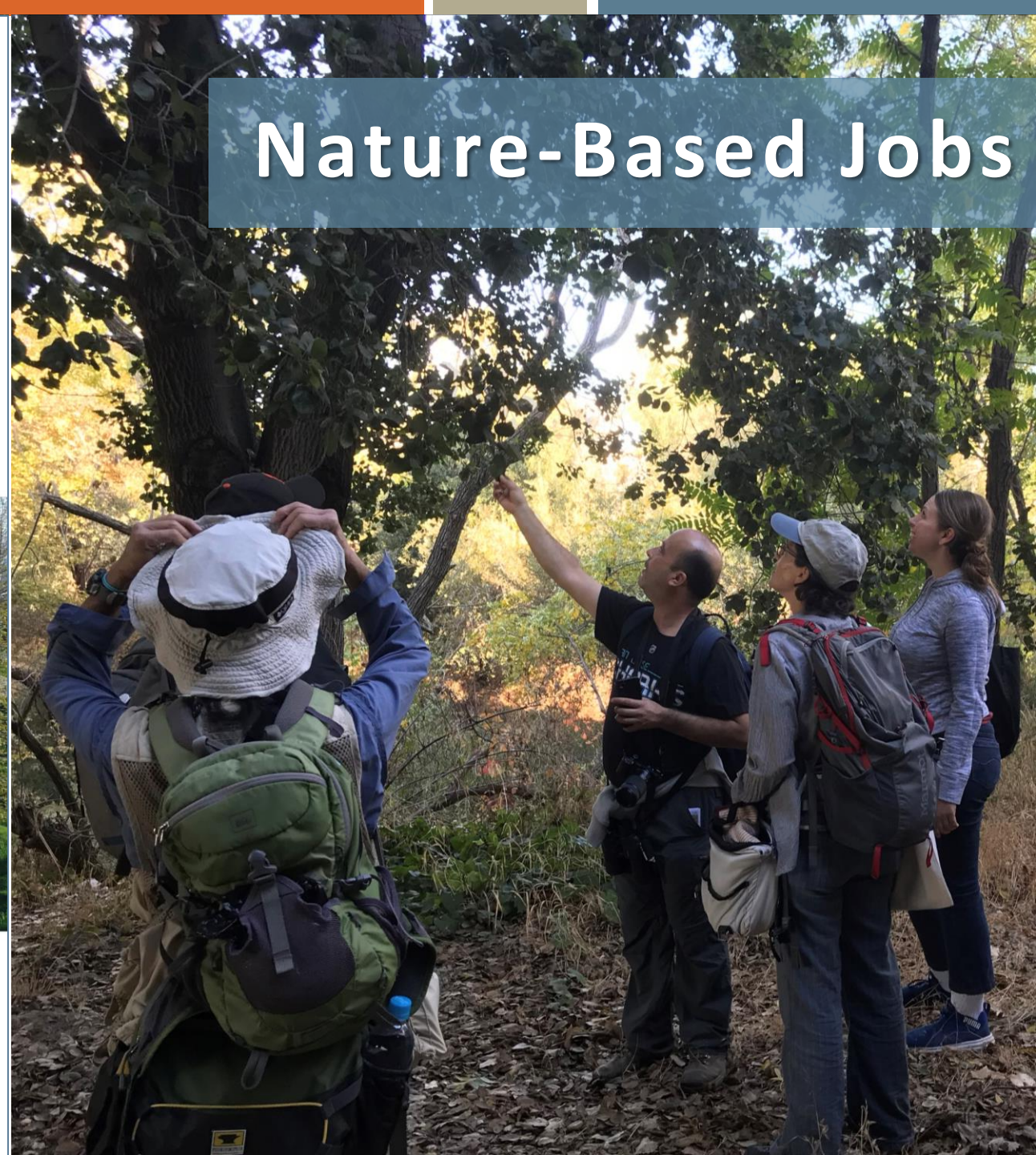
- Avoided GHG from conversion
- Avoided loss of ecosystem function and the cost of single purpose built structures
- Avoided cost of damages to natural floodplains
- Avoided cost of suppressing high severity wildfires
- Public health benefits of nature-based recreation

The Economic Benefits of the Park & Recreation System in San José, California

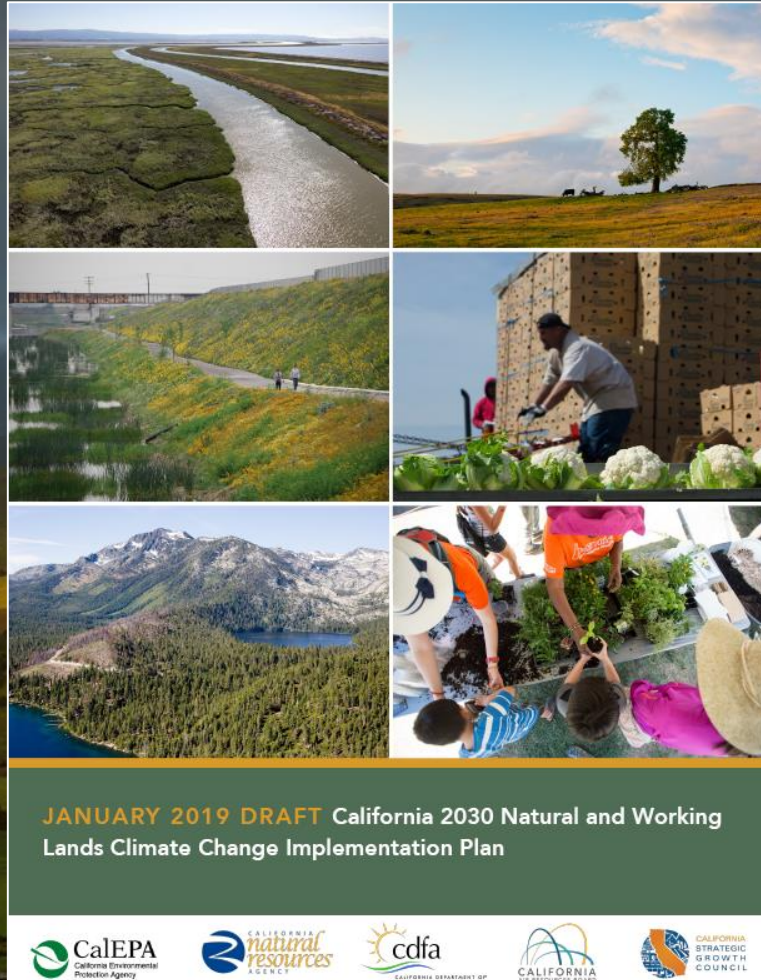


THE
TRUST
FOR
PUBLIC
LAND

Nature-Based Jobs



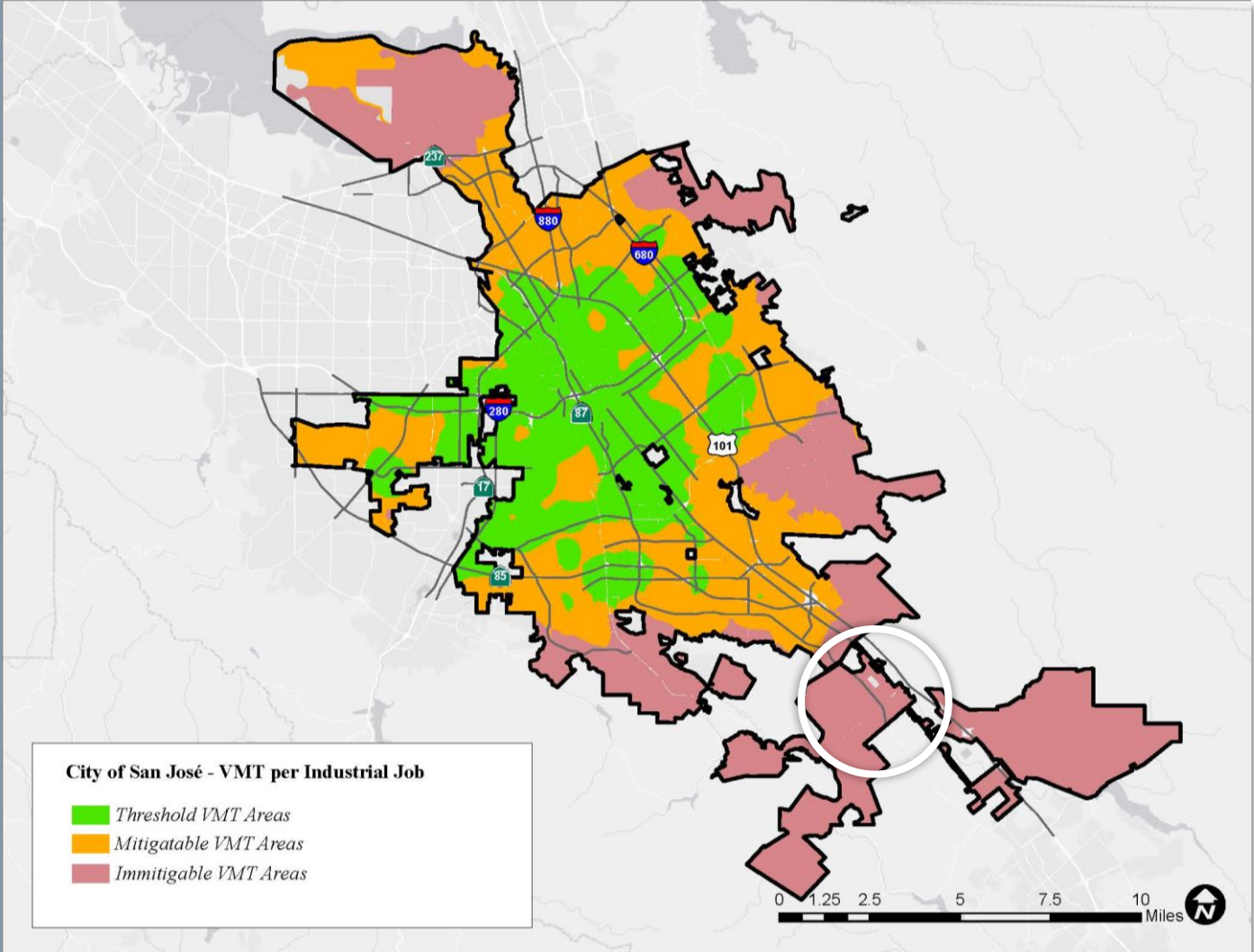
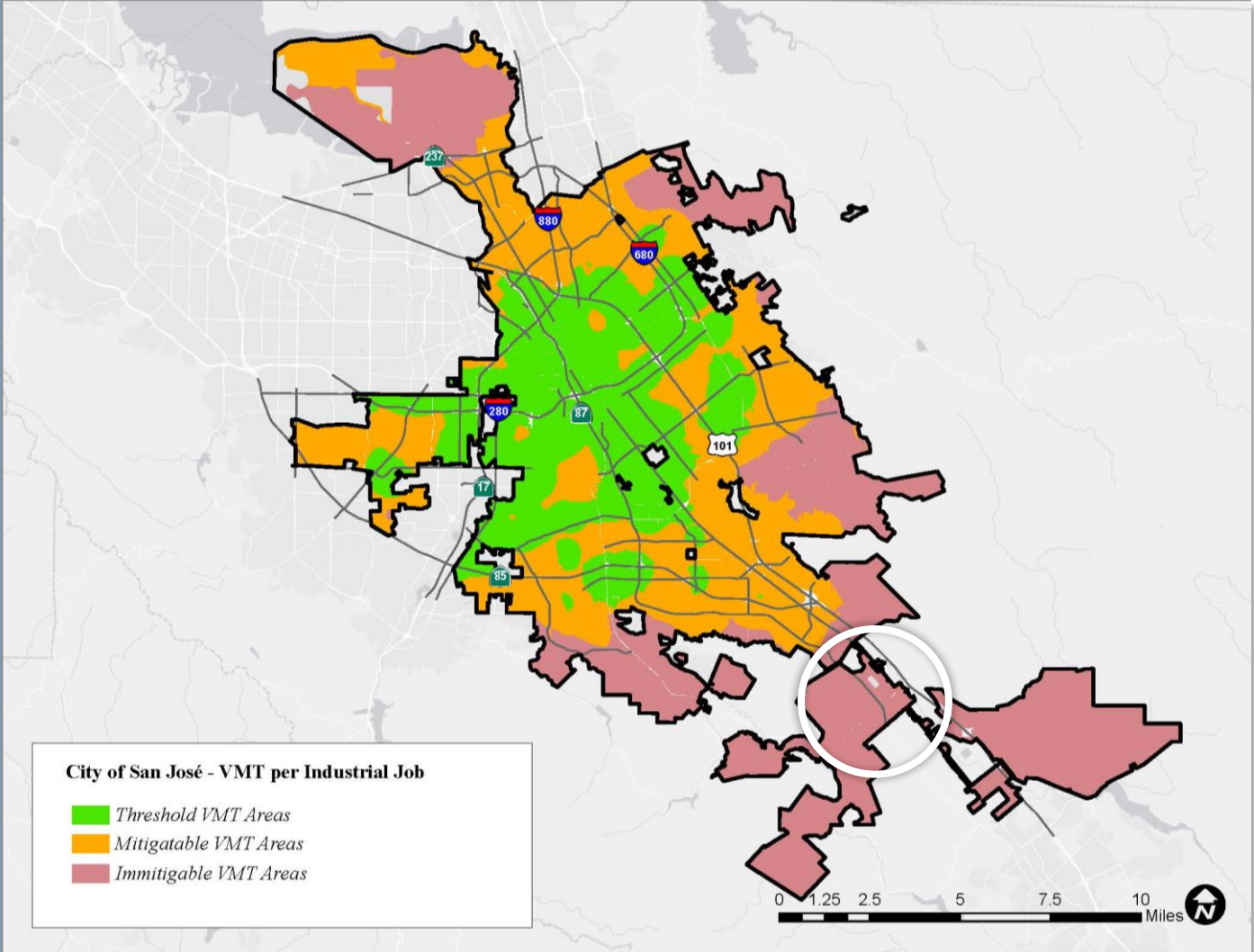
CLIMATE RISK & RESILIENCE



VMT Per Job in the City of San Jose

www.sanjoseca.gov/vmt

“Projects consistent with this Policy will *reduce the City’s environmental footprint from transportation and land uses,* and create lively places served by a variety of transportation options.”



Fourth National Climate Assessment

California Climate and Agriculture Network

Triple Harvest:
Farmland conservation for climate protection, smart growth
and food security in California

February 2013

A guide for protecting open space and livable communities

SANTA

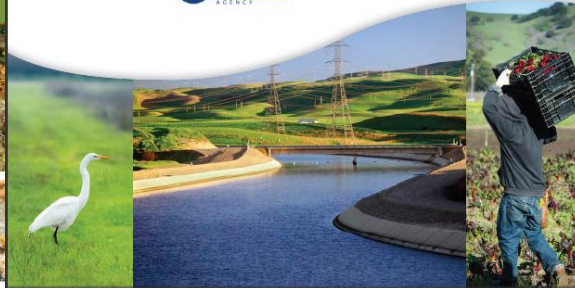
HEALTHY LANDS & HEALTHY ECONOMIES:

NATURE'S VALUE IN
SANTA CLARA
COUNTY

LANDSCAPE RESILIENCE



Safeguarding California Plan:
2018 Update
California's Climate Adaptation Strategy | January 2018



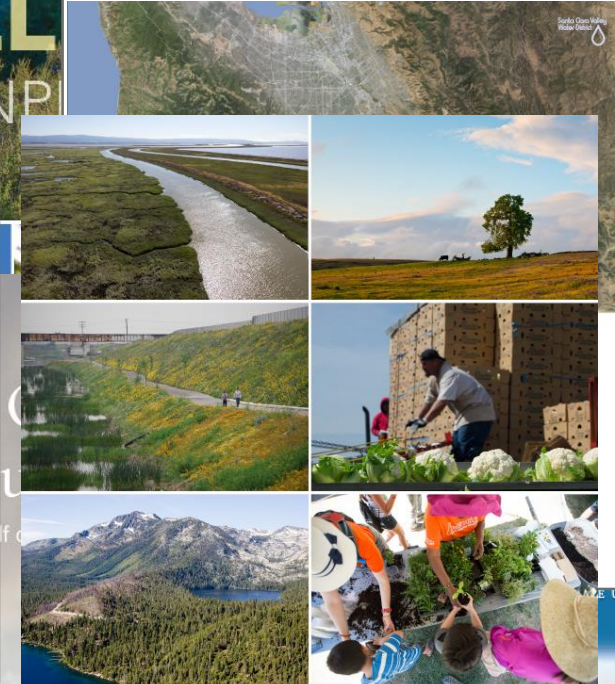
CLIMATE SMART SAN JOSE



Statewide
Summary Report



Coordinating Agencies:

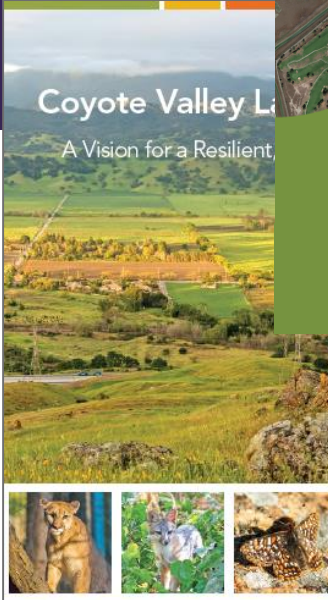


JANUARY 2019 DRAFT California 2030 Natural and Working
Lands Climate Change Implementation Plan



Coyote Valley L

A Vision for a Resilient



Prepared by the
SANTA CLARA VALLEY OPEN SPACE AUTHORITY



with the
CONSERVATION BIOLOGY INSTITUTE



The Nature
Conservancy



lands and Change

WE CAN DO
OUR PART
TO MEET HABITAT GOALS
UPDATE 2015



Department of Fish & Wildlife, Cheryl Ellemberg, City of
San Jose, Ryan Phillips, Sibella Kraus, Spina Farms, Stephen