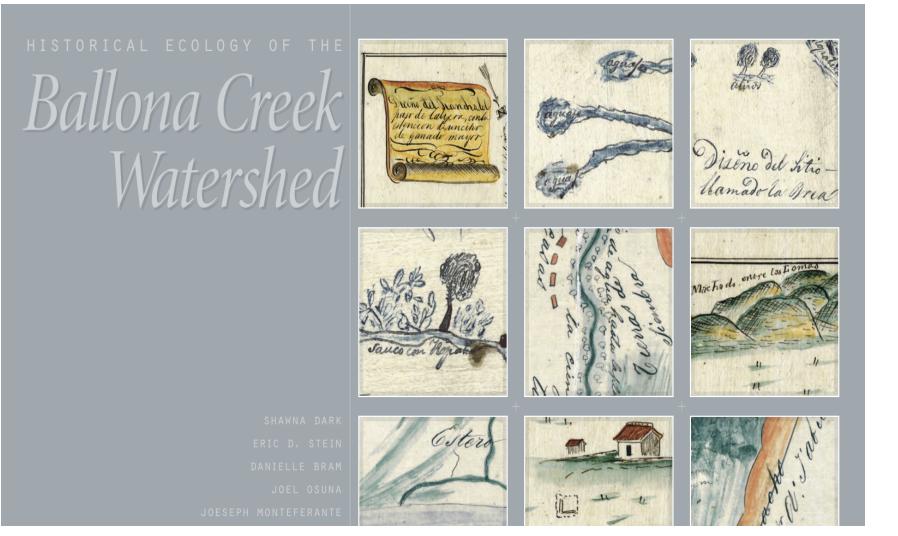
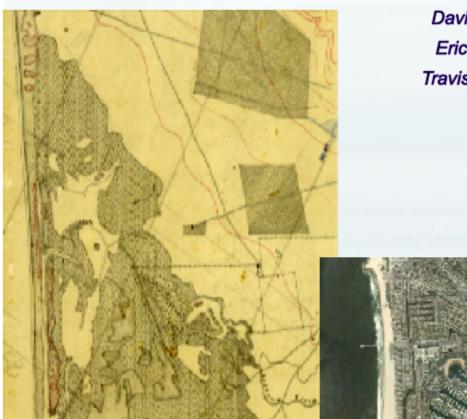
Historic Ecology of the Ballona Creek Watershed 2011



CLASSIFICATION OF CALIFORNIA ESTUARIES BASED ON NATURAL CLOSURE PATTERNS: TEMPLATES FOR RESTORATION AND MANAGEMENT Revised



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DEFINITIONS

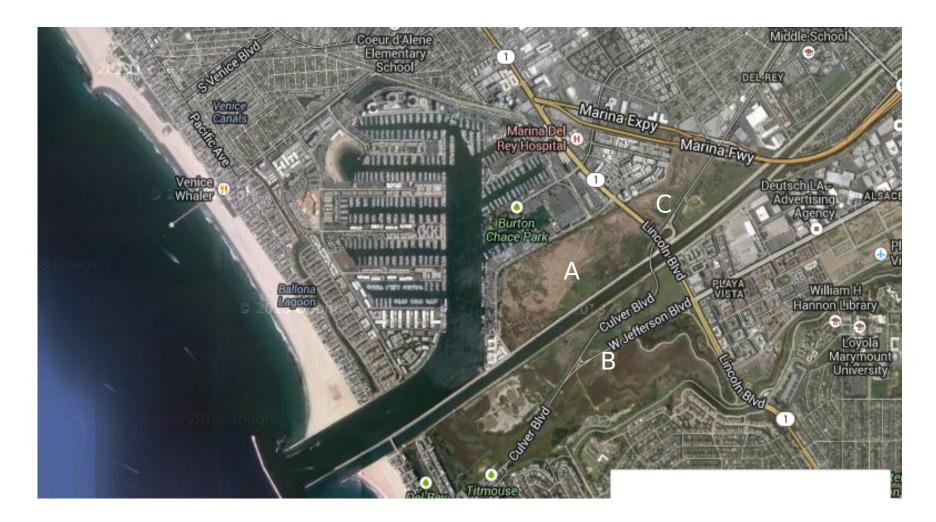
- Restoration is the process of intentionally altering a site to establish a defined, indigenous, historic ecosystem. The goal of restoration is to emulate the structure, function, diversity, and dynamics of the specified ecosystem.
- Creation establishes a historical ecosystem on lands that did not previously support that ecosystem.

(from California Society for Ecological Restoration)

DEFINITIONS

- Restoration can be divided into two activities, resestablishment and rehabilitation.
- <u>Re-establishment</u> returns historic/natural functions to a site as previously existed.
- <u>Rehabilitation</u> improves the general suite of functions of degraded site. Usually, this activity results in less disturbance to a site.

AREAS OF CURRENTLY PRESERVED BALLONA WETLANDS



CHANGE IN LAGOON HABITAT TYPES NORTH SAN DIEGO COUNTY

	Historical (acres)	Contemporary (acres)	% Change
Salt marsh	1,330	1,170	-12%
Salt flat (seasonally flooded)	1,230	120	-90%
Open water/mud flat	140	980	615%
Freshwater/brackish wetland	1,650	760	-54%
Developed		1,440	

