

Project Goals

Improve Water Quality

Improve Flood Control

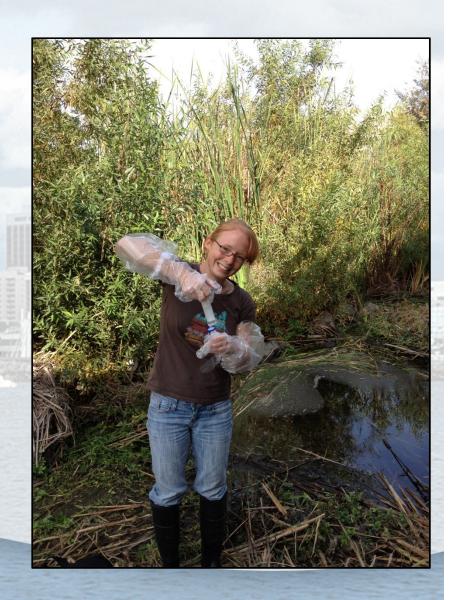
Improve Physical Habitat and Diversity



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 Improve Physical Habitat and Diversity



Metrics: The Not-So-Distant Past

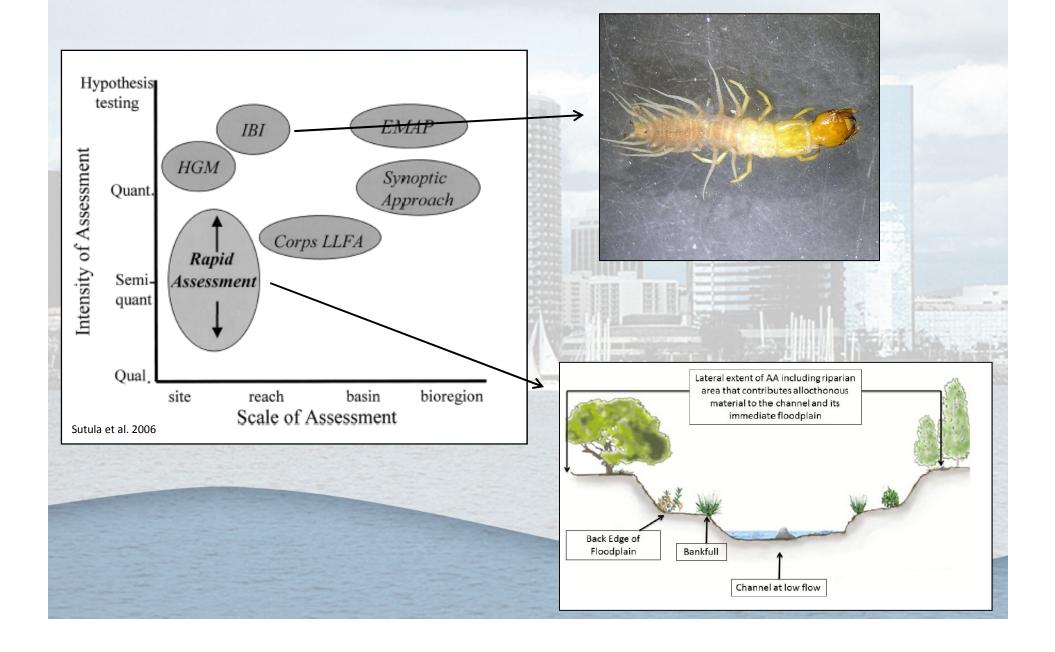
Table 11

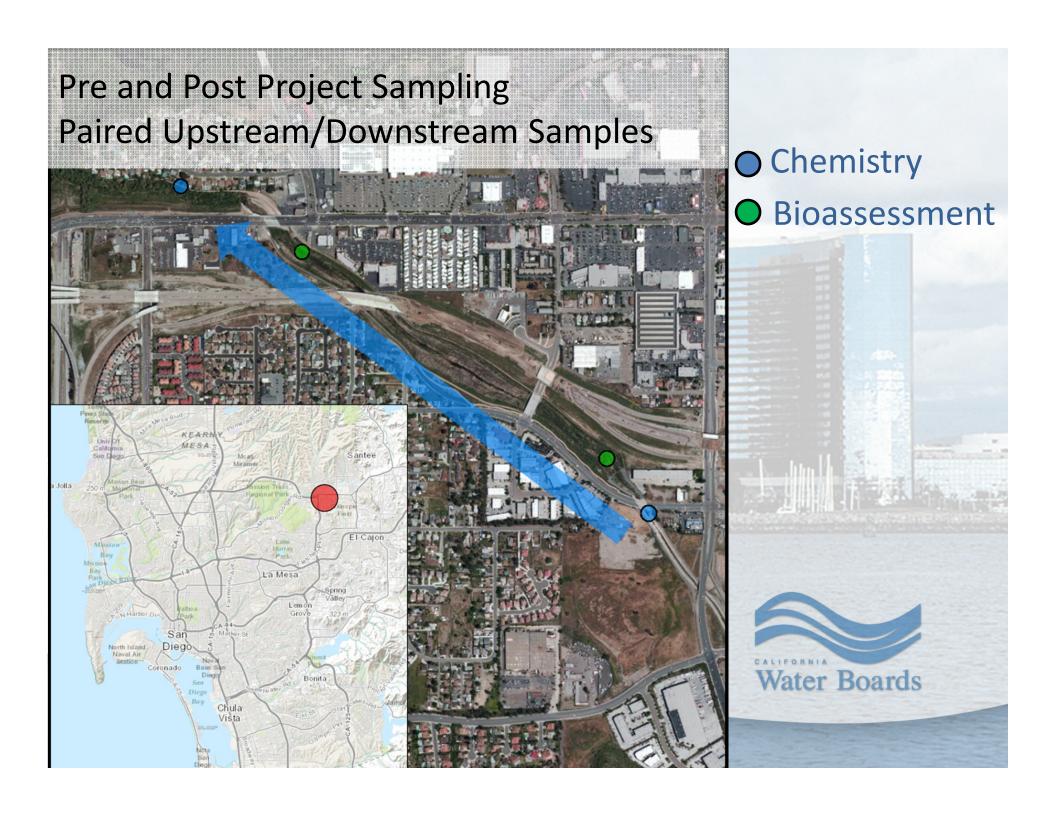
Functional Indicator Targets For Riparian Mitigation

Evaluation Criterion	Interim Target	Ultimate Target
Habitat - Vegetative Structure	0.4	0.8
Habitat - Vegetative Cover	0.4	0.8
Habitat – Vegetative Diversity	0.6	0.8
Exotic, Invasive Vegetation	1.0	1.0



Metrics: Which to Use?





Water Quality: Impairments

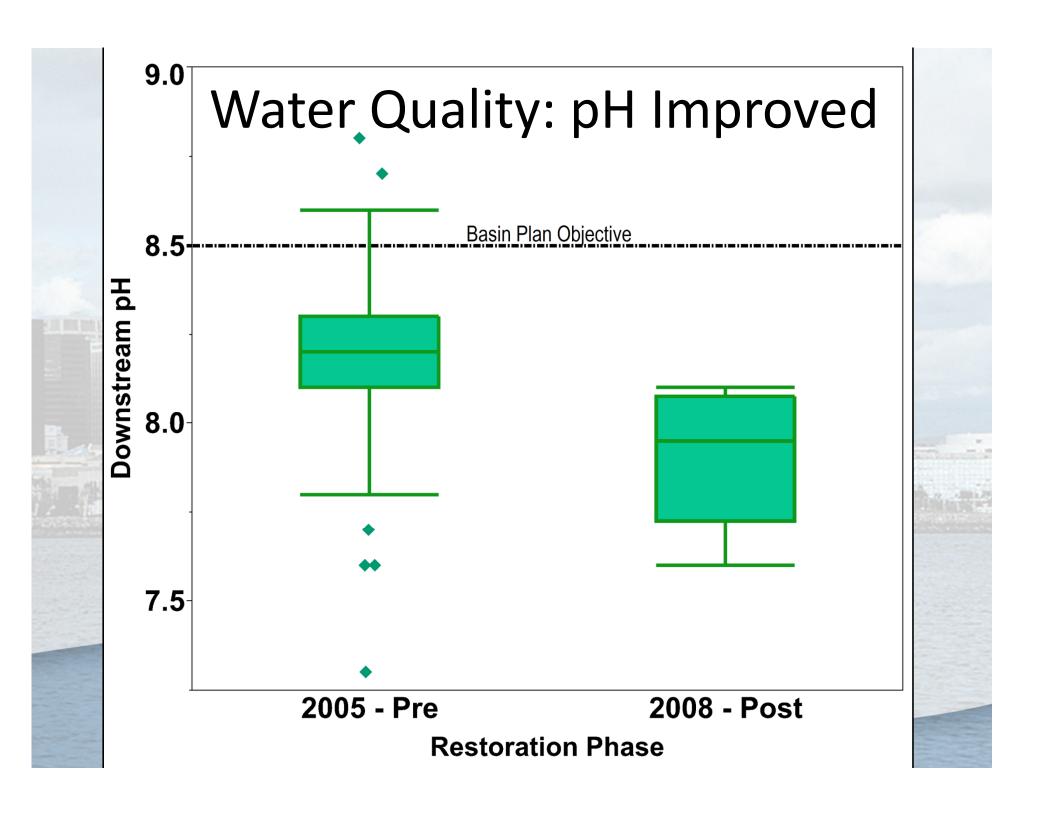
- Total Phosphorous
- Selenium
- Total Dissolved Solids (TDS)
- High pH
- Indicator Bacteria: Fecal Coliform

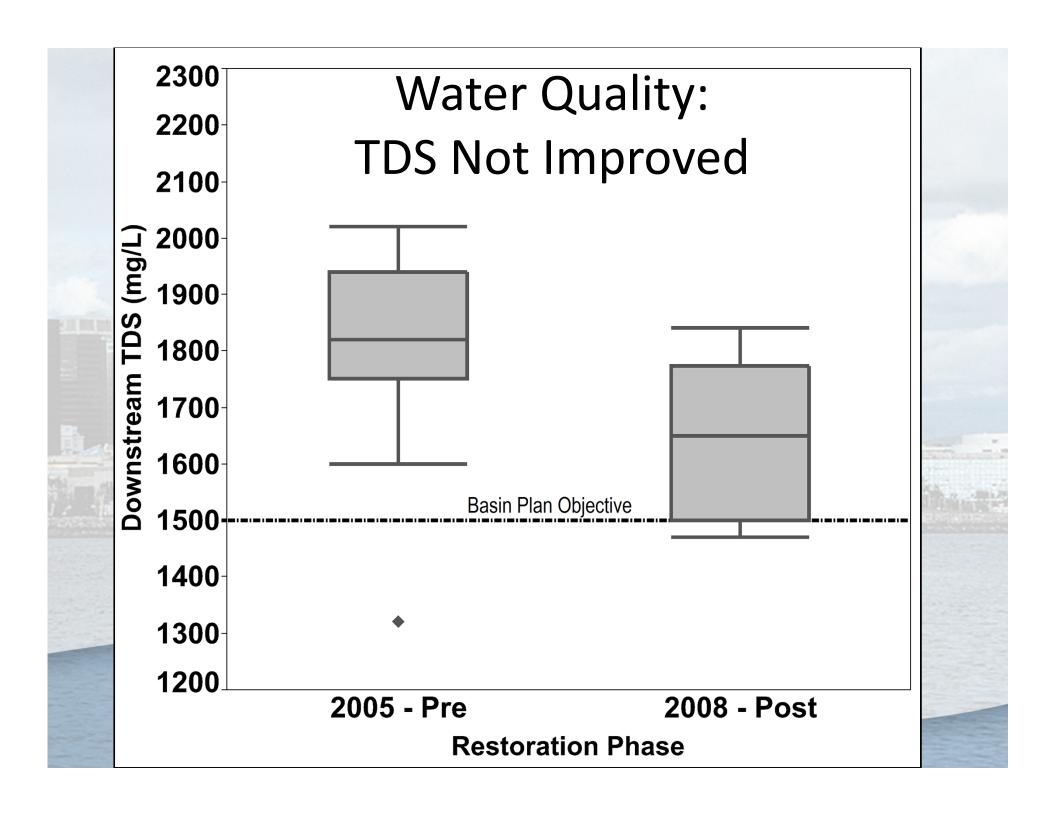


Water Quality: Impairments

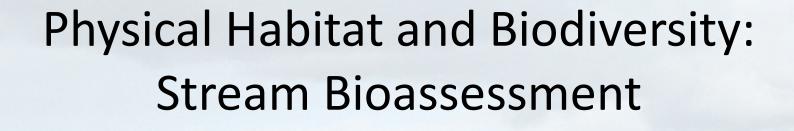
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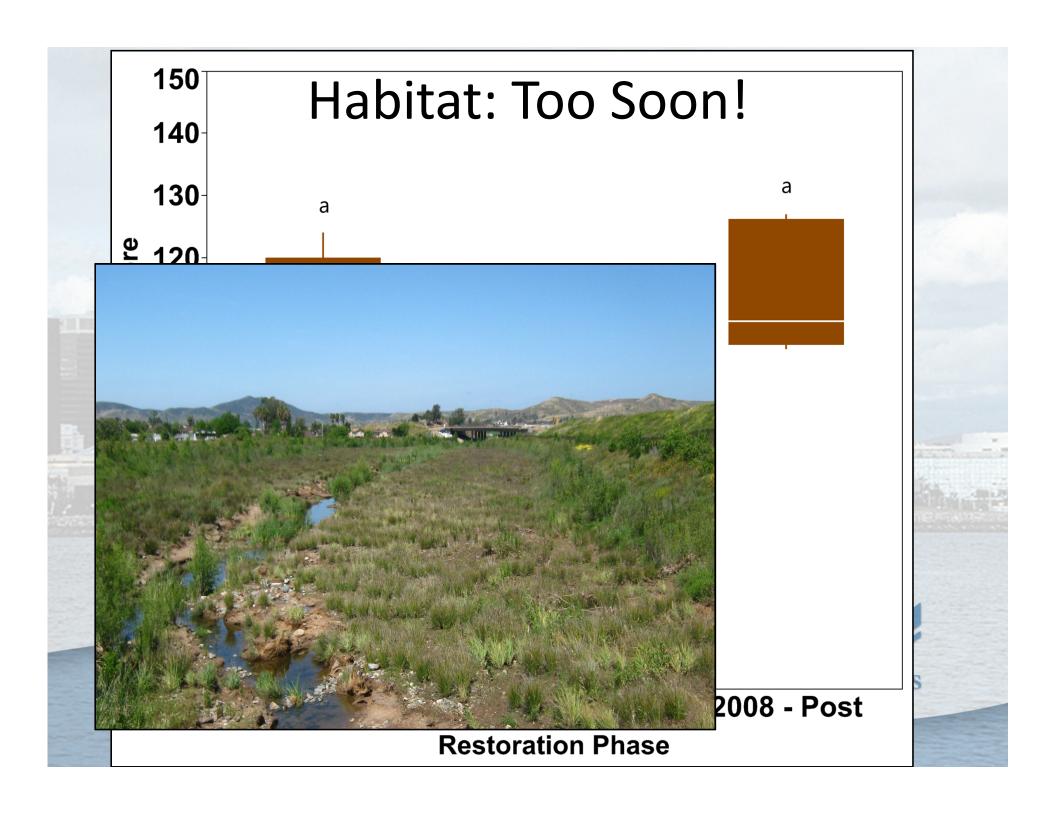


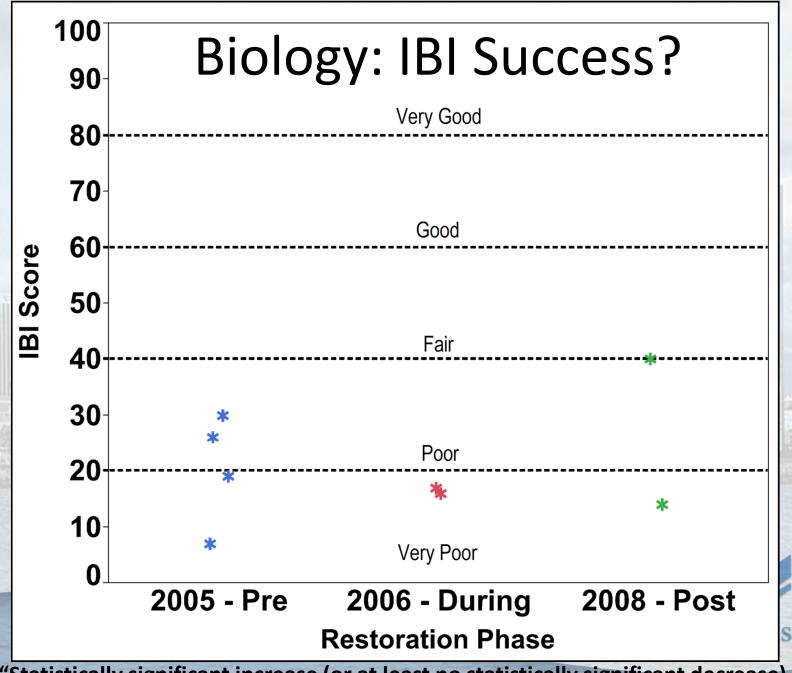




- In-stream Physical Habitat Scores
- Benthic Macroinvertebrate IBI



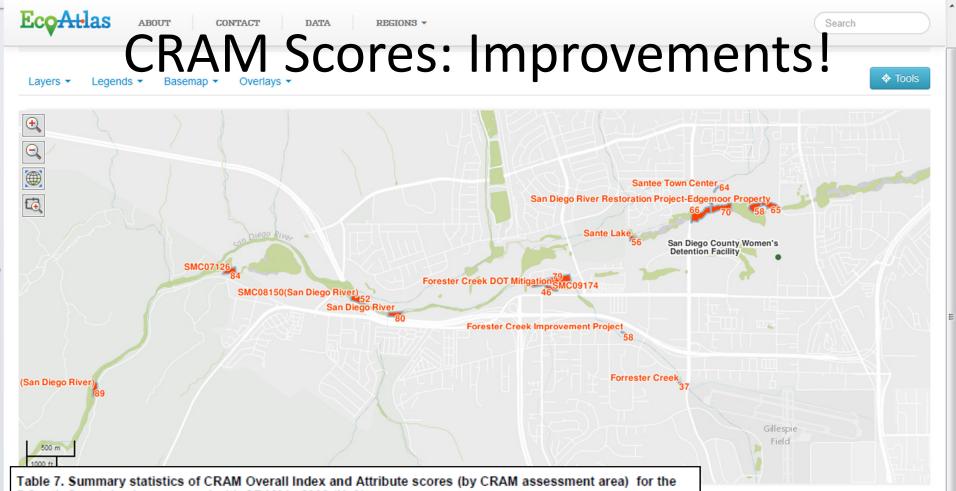




"Statistically significant increase (or at least no statistically significant decrease) in benthic macroinvertebrate biodiversity"



Sediments: Samples are Toxic! Post Restoration (2011-2012)



١	Table 7. Summary statistics of CRAM	Overall Index and Attribute scores	(by CRAM	assessment area)	for the
	5 South Coast riverine assessed with	CRAM in 2008 (N=9).			

CRAM Index and Attribute	Mean	Median	SE	SD	Maximum	Minimum
Overall Index Score	73	66	4	11	89	62
Landscape and Buffer Context	73	73	7	20	93	38
Hydrology	67	67	3	8	83	58
Physical Structure	81	88	6	19	100	50
Biotic Structure	73	78	5	15	94	56



*Solek and Stein 2012





