

Science PSP Final Selection Panel Recommendations

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#	Title	Lead Organization	Lead PI	Amount Requested	Final Selection Panel Recommendation
84	CASCaDE: Computational Assessments of Scenarios of Change for the Delta Ecosystem	United States Geological Survey	Cloern, James E., PhD.	\$1,842,870	\$1,662,870
106	Modeling the Delta Smelt Population of the San Francisco Estuary	San Francisco State University	Kimmerer, Wim J.	\$1,107,027	\$997,027
107	Foodweb support for the threatened delta smelt and other estuarine fishes in Suisun Bay and the western Sacramento-San Joaquin Delta	San Francisco State University	Kimmerer, Wim J.	\$1,306,500	\$1,170,000
111	Identifying the Causes of Feminization of Chinook Salmon in the Sacramento and San Joaquin River System	University of California, Berkeley	Sedlak, David L., Ph.D.	\$1,297,149	\$1,167,149
122	Biomass and toxicity of a newly established bloom of the cyanobacteria <i>Microcystis aeruginosa</i> and its potential impact on beneficial use in the Sacramento-San Joaquin Delta	California Department of Water Resources	Lehman, Peggy W., PhD	\$602,914	\$500,000
140	Life History Variation in Steelhead Trout and the Implications for Water Management	University of California, Santa Cruz	Mangel, Marc, Ph.D.	\$1,136,095	\$1,026,095
179	Chinook salmon rearing in the San Francisco Bay-Delta system: Identification of geochemical markers to determine Delta use	The Regents of the University of California	Ingram, B. Lynn, PhD.	\$197,689	\$197,689
214	A Statistical Model of Central Valley Chinook Incorporating Uncertainty	University of California, Davis	Botsford, Louis W., PhD.	\$754,631	\$679,631
295	How Abiotic Processes, Biotic Processes, and Their Interactions Sustain Habitat Characteristics and Functions in River Channels and their Floodplains: An Investigation of the Response of a Gravel-Bed Reach of the Merced River to Restoration	University of California, Santa Barbara	Dunne, Thomas	\$2,840,520	\$1,400,000
299	Review of four juvenile salmon coded wire tag experiments conducted in the Delta	United States Fish and Wildlife Service	Brandes, Patricia L.	\$83,100	\$83,100
313	SURVIVAL AND MIGRATORY PATTERNS OF CENTRAL VALLEY JUVENILE SALMONIDS	University of California, Davis	Klimley, A. Peter, Ph.D.	\$2,150,766	\$1,500,000
318	ARE 'APPARENT' SEX REVERSED CHINOOK SALMON A SYMPTOM OF GENOTOXICITY?	University of California, Davis	May, Bernie, PhD	\$143,735	\$143,735

332	Phytoplankton communities in the San Francisco Estuary: monitoring and management using a submersible spectrofluorometer	California Department of Water Resources	Mueller-Solger, Anke B., PhD.	\$159,160	\$159,160
Totals				\$13,622,156	\$10,686,456

Fund if additional funds become available in the future

27	Interactions of mercury and selenium in bioaccumulation and toxicity in San Francisco Bay plankton	Stony Brook University	Fisher, Nicholas S., PhD	\$476,226	\$476,226
47	Responses of tidal wetlands to invasive cordgrass, sea level rise, and sediment supply	University of California, Davis	Dr. Donald Strong	\$540,656	\$500,000
85	Quantitative indicators and life history implications of environmental stress on sturgeon	University of California, Davis	Kueltz, Dietmar, PhD.	\$999,481	\$999,481
105	Ecological consequences of elevated salinity in the Sacramento San Joaquin Delta	San Francisco State University	Kimmerer, Wim J.	\$1,295,321	\$550,000
136	Hydrodynamics and Sediment Transport in a Shoal-Channel Estuary: The Cycling of Sediments in San Pablo Bay	University of California, Berkeley	Stacey, Mark T., PhD.	\$967,525	\$967,525
169	Model-based Evaluation of Salmon Rearing in Tributary, Mainstem, and Delta Habitats	Humboldt State University	Wilzbach, Margaret A.	\$535,298	\$535,298
246	BREACH III: Evaluating and Predicting 'Restoration Thresholds' in Evolving Freshwater-Tidal Marshes	University of Washington	Charles A. Simenstad	\$2,232,035	\$1,500,000
Totals				\$7,046,542	\$5,528,530

Grand Totals

\$20,668,698 \$16,214,986