

ELEMENTS RECOMMENDED FOR INCLUSION IN THE 2013 INTERAGENCY ECOLOGICAL WORK PLAN

Last Name	First Name	PI affiliation	Title
<i>Danner</i>	<i>Eric</i>	<i>NMFS</i>	Associations between emigration strategy, habitat use, and survival to adulthood for Central Valley winter-run Chinook salmon
<i>Dugdale</i>	<i>Richard</i>	<i>SFSU</i>	How do interacting dynamic and stationary habitat components affect phytoplankton physiological status and ability to form blooms in the low salinity zone?
<i>Fangue</i>	<i>Nann</i>	<i>UC Davis</i>	Developing molecular tools to assess the mechanisms of tolerance and resistance to temperature
<i>Feyrer</i>	<i>Fred</i>	<i>Reclamation</i>	Vertical and horizontal distribution of delta smelt
<i>Feyrer</i>	<i>Fred</i>	<i>Reclamation</i>	Bioenergetics modeling of food consumption demands for largemouth bass
<i>Garza</i>	<i>Carlos</i>	<i>NOAA</i>	Identifying the genetic bases of migration and survival in Central Valley steelhead and Chinook salmon
<i>Glibert</i>	<i>Patricia</i>	<i>U of Maryland</i>	Environmental controls of sediment-water nitrogen and phosphorus exchange
<i>Grimaldo</i>	<i>Lenny</i>	<i>Reclamation</i>	Investigation of rearing habitats to support ichthyoplankton in the low salinity zone of the San Francisco Estuary
<i>Harvey</i>	<i>Brett</i>	<i>DWR</i>	Reexamining IEP coded-wire-tag data to investigate Chinook salmon migration dynamics in the Delta.
<i>Hendrix</i>	<i>Noble</i>	<i>Private</i>	Constructing abundance indices of juvenile Chinook salmon from beach seine data
<i>Hobbs</i>	<i>James</i>	<i>UC Davis</i>	Life-history diversity of delta smelt from the Spring Kodiak Trawl (2005-2006 and 2010-2011 year-classes).
<i>Kimmerer</i>	<i>Wim</i>	<i>SFSU</i>	Zooplankton distributions on a scale relevant to feeding by delta smelt
<i>Kraus</i>	<i>Tamara</i>	<i>USGS</i>	Nitrogen dynamics along the Sacramento River and links to phytoplankton dynamics: Resolving spatial and temporal variability using in-situ, high frequency measurements and other tools
<i>Kudela</i>	<i>Raphe</i>	<i>UCSC</i>	Physiological assessment of the "Bad Suisun" phenomenon: Light and nutrient interactions
<i>Lehman</i>	<i>Peggy</i>	<i>DWR</i>	Do mesozooplankton have access to the available phytoplankton food resources in the Delta?
<i>Lindberg</i>	<i>Joan</i>	<i>UCD</i>	Quantifying effects of food limitation on seasonal fecundity of delta smelt
<i>MacWilliams</i>	<i>Michael</i>	<i>Private</i>	Quantifying hydrodynamic complexity and investigating relationships between hydrodynamic complexity and fish abundance
<i>Nobriga</i>	<i>Matt</i>	<i>FWS</i>	A comprehensive analysis of the Spring Kodiak Trawl Survey: the reproductive biology, habitat use, and fish community context of adult delta smelt
<i>Pellerin</i>	<i>Brian</i>	<i>USGS</i>	Continuous monitoring of water quality on Liberty Island: From "Proof-of-Concept" to real-time observatory
<i>Schreier</i>	<i>Brian</i>	<i>DWR</i>	Characterizing the predation threat of Mississippi silversides to larval native fishes
<i>Senn</i>	<i>David</i>	<i>SFEI</i>	Characterizing and quantifying nutrient sources, sinks and transformations in the Delta: synthesis, modeling, and recommendations for monitoring
<i>Simenstad</i>	<i>Charles</i>	<i>U Washington</i>	Effects of open water and vegetated habitats on fish assemblages, diet and prey in Liberty Island: A delta smelt hotspot?
<i>Skalski</i>	<i>John</i>	<i>UW of Washington</i>	Historical Analysis of juvenile Chinook salmon migration and survival in the San Joaquin River and Delta
<i>Teh</i>	<i>Swee</i>	<i>UC Davis</i>	Contrasts in health indices of delta smelt reared in the low salinity zone and Cache Slough regions in summer 2012-2013
<i>Connon</i>	<i>Richard</i>	<i>UC Davis</i>	What would fish be without food? – A long-term effect assessment of pesticide mixtures on aquatic invertebrate communities using mesocosms.
<i>Parker</i>	<i>Alex</i>	<i>SFSU</i>	Assessment of wastewater effluent effects on phytoplankton carbon and nitrogen assimilation in the Sacramento – San Joaquin Delta
<i>Teh</i>	<i>Swee</i>	<i>UC Davis</i>	Adverse outcome pathway characterization for three neurotoxic pesticides and their mixtures in <i>Menidia beryllina</i>
<i>Weston</i>	<i>Don</i>	<i>UC Berkeley</i>	Improving the utility of <i>Hyalella azteca</i> as a tool for monitoring and management

*The proposals below were also recommended for funding as part of the 2012 IEP Proposal Solicitation Process for 2013 work. However, due to last minute funding constraints, the IEP was not able to fund these proposals.