

# CALFed Progress Questionnaire California Sea Grant College Program

ConfirmationNumber
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	ProjectYear_2A 1st ProjectNo_2C R/SF-21
Printed: 4/25/20	
Preparer Informati	ion
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PrepPhone_1C	415-338-3746
Project Information	on .
ProjectNo_2C	R/SF-21 StartDate 3a EndDate 3b
ProjectTitle 4	
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CALFed Fellow con	tact information
FelTitle_5A	
FelInstitution_5E	
FelDepartment_5F	
FelStreetAddr_5G	
FelCity_5H	
FelPhone_5K	
FelEmail_5M	_1
FelPositionTitle_5N	Postdoctoral Research Fellow
Research Mentor (	(for additional please see #8)
RMTitle_6A	Dr. RMLastName_6B Dugdale RMFirstName_6C Richard RMInit_6D C
RMInstitution_6E	San Francisco State University
RMDepartment_6F	Romberg Tiburon Center
RMStreetAddr_6G	3152 Paradise Drive
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RMPhone_6K	415-338-3519 RMFax_6L 415-435-7120
RMEmail_6M	rdugdale@sfsu.edu
RMPositionTitle_6N	Senior Research Scientist
Community Mentor	(for additional please see #9)
CMTitle_7A	Dr. CMLastName_7B Mueller-Solger CMFirstNamt_7C Anke CMInit_7D
CMInstitution 7E	

	nt College Program	ProjectYear_2A	1st ProjectNo_2C	R/SF-21
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CMPhone_7K	916-227-2194	CMFax_7L 916-227-755	4	
CMEmail_7M	amueller@water.ca.go	0V		
IPositionTitle_7N				
lditional Research	Mentors and Communit	y Mentors		
Additional Resea	rch Mentors_8		Additional Community Mentors_9	
ProjectObjectives Four objectives v  1) To evaluate th	_10 vere outlined in the rese	search proposal.	ons in a style appropriate for laymen	
			dissolved organic matter (DOM) for	
	_	iency (BGE) in the three habit cess.	at types of Suisun Bay and marsh ar	nd evaluate the use of BGF
objective #1 for t and fall in Suisur underway) to eva approximately 35	he open water habitats n Marsh for compariso lluate objective #2. I h i individual estimates o	of Suisun Bay, and made mean. I ran 15 experiments to example also addressed objective of bacterial respiration and bacterial	Is each of the above objectives. Spe asurements of bacteria and phytopla amine bioavailability of DOM (analy 3 for Suisun Bay habitats having cor cterial growth efficiency. I collected r 2007	nkton in spring, summer vsis of results currently mpleted collected data for d samples (but not yet

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#### Progress Summary 11

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PROJECT MODIFICATIONS: Please explain any substantial modifications in research plans, including new directions pursued. Describe major problems encountered, especially problems with experimental protocols and how they were resolved. Describe any ancillary research topics developed.

### Modifications 12

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BENEFITS AND APPLICATIONS. Suggest the relevance of these new Endings of Humpamers. Describe on accomplishments that is expeticant effects your project has had an resource management or user group behavior. CALFED is surroughful "management cus" (see http://scorus culturbr on project/seengarcos; pdf)

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FUBLICATIONS: partiary publications, presentations, or posters that have required from this funded research. Give as many describe an possible declarage states of paper (e.g., or review on press), pursuit name, conference location and data of presentation. Please note are customer in the constraint of the owned) that each fellow is required to submit on abstract for an eral or pursuit presentation or each other of the Estuary conference and CALFED Source Conference during the duration of the fellowing.

#### Publications 14

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Parker A.C., Depte A.C. & Berner, C. Charles R.C. (1997). Contenting the contribution of recompanies of the total experience of the content o

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COOPERATING ORGANIZATIONS: List those agencies and/or persons who provided financial, technical or other assistance to your project since inception. Describe the nature of their collaboration.

CoopOrganiz 15	
Current - University of California, Davis, Peter Moyle, PI - sampling monthly by small boat with the Moyle Research group at	7
tations within Suisun Marsh.	
BALOID WIDHI GUISHI IVAKII	
Current - Department of Water Resources, Anke Mueller-Solger – Community mentor for the research project. I have been in	
egular communication with Dr. Mueller-Solger regarding phytoplankton ecology in the Suisun Marsh study, She provided	
eedback regarding selection of sampling locations within Suisun Marsh. In addition, Dr. Mueller - Solger gave a seminar at the	
Romberg Tiburon Center in the Spring 2007 entitled "Down in the Delta: Pelagic organism decline and zooplankton trends and	
liets in the Sacramento-San Joaquin Delta".	
AWARDS: List any special awards or honors that you, or mentor or members of the research team, have	
AWARDS: List any special awards or honors that you, or mentor or members of the research team, have	
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KEYWORDS: List keywords that will be useful in indexing your project.

Key	ywo	rds	_17

Suisun marsh, phytoplankton, bacteria, nutrients, dissolved organic matter, salt marsh restoration, pelagic organism decline

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PATENTS: List any patents associated with your project.

Additions: Additional information can be added here. Please begin the text with the number of the question you are adding to.

## Additions 19

Present to continue

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