	CALFed Progress Questionnaire ConfirmationNumber
Sea Grant	California Sea Grant College Program 20060810152532
Cantonna	ProjectYear_2A <u>1st Year</u> ProjectNo_2C U-04-SC-005
Printed: 4/25/200	
Preparer Informatio	
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Project Information	n
ProjectNo_2C	U-04-SC-005 StartDate_3a 9/01/05 EndDate_3b 8/31/08
ProjectTitle_4	Long-term Geomorphic Effects of Dams on Rivers in the Central Valley of California: A Comprehensive and
	Comparative Approach
CALFed Fellow cont	test information
FelTitle_5A	Mr FelLast_5B Minear FelFirst_5C Justin Toby Fellnit_5D
Fellnstitution_5E	University of California, Berkeley
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_ FelEmail_5M	
FelPositionTitle_5N	
FelPositionTitle_5N	
	for additional please see #8)
Research Mentor (f	for additional please see #8)
Research Mentor (f RMTitle_6A	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D
Research Mentor (f RMTitle_6A RMInstitution_6E	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt University of California, Berkeley
Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley
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Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F RMStreetAddr_6G RMCity_6H	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley
Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F RMStreetAddr_6G RMCity_6H RMPhone_6K	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley
Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F RMStreetAddr_6G RMCity_6H RMPhone_6K RMEmail_6M	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley
Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F RMStreetAddr_6G RMCity_6H RMPhone_6K RMEmail_6M RMPositionTitle_6N	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley
Research Mentor (f RMTitle_6A RMInstitution_6E RMDepartment_6F RMStreetAddr_6G RMCity_6H RMPhone_6K RMEmail_6M RMPositionTitle_6N	for additional please see #8) Dr RMLastName_6B Kondolf RMFirstName_6C Matt RMInit_6D University of California, Berkeley

California Sea Gra CALFed Progress	nt College Program Questionnaire	ProjectYear_2A TypeQuestionnaire_2B		_ ProjectNo_2C tionnaire	<u>U-04-SC-005</u>
CMDepartment_7F					
CMStreetAddr_7G	2440 Main St				
CMCity_7H	Red Bluff	CMState_7I CA CMZip_7	7J <u>96080</u>		
CMPhone_7K	916-527-6530	CMFax_7L			
CMEmail_7M	buerk@water.ca.gov				
CMPositionTitle_7N	(retired) geomorpholo	gist / geologist			
Additional Research	Mentors and Communit	y Mentors			
		416.9th St. Sacramento, fg.ca.gov		ommunity Mentors_9	
Michael Singer -813-4848	, USGS Post-doc, mdsi				
		2855 Telegraph Ave			

Project Objectives: Please type your responses, and answer the questions in a style appropriate for laymen.

ProjectObjectives_10

My objectives for this study are the quantification and comparison of the hydrologic and geomorphic alterations that have occurred on the major dammed tributaries in the Central Valley of California. Specifically, I will quantify pre- and post-dam sediment budgets, sediment deficits and changes in the magnitude and frequency of the geomorphic processes affecting the channel and associated communities. Additionally, at eight to twelve study sites, I will evaluate the corresponding changes that have occurred in channel form. From the previous analyses, this study will provide specific and accurate recommendations for CalFedís hydrologic and geomorphic restoration targets, particularly for the programmatic targets: iCentral Valley Streamflowsî and iCoarse Sediment Supplyî (CalFed ERPP Volume II).

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PROJECT MODIFICATIONS: Please explain a	ny substantial modificatio	ons in research plans, including n	ew	

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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California Sea Grant College Program CALFed Progress Questionnaire	ProjectYear_2A TypeQuestionnaire_2B		ProjectNo_2C	<u>U-04-SC-005</u>		
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CALFed Progress Questionnaire	TypeQuestionnaire_2B	Interim Questionna	aire		

POBLICATIONS: List any publications, presentations, or parters that have resulted from this funded research. Give as nondenois as possible, including status of paper (e.g., in review in press), purchalmane, conference location and date of presentation. Please note (as antimed in the conditions of the owerd) that each fellow is required to admit an abstract for an oral or poster presentation of each State of the Estuary conference and CALFED. Science Conference during the duration of the fellowing

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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

California Sea Grant College Program

CALFed Progress Questionnaire

California Department of Fish and Game (Kris Vyverberg) - technical assistance and advice regarding rivers around Sacramento. California Department of Water Resources (Koll Buer) - provided technical feedback and advice for rivers in the Northern Sacramento Valley.

U.S. Geological Survey (Michael Singer) - provided advice on sampling methods and overall scope for Northern Sacramento Valley Rivers.

Stillwater Sciences (Peter Downs) - provided advice on overall scope and methods for the San Joaquin Tributaries. McBain & Trush (Scott McBain) - provided advice on sampling protocol and methods for the overall project.

AWARDS: List any special awards or honors that you, or mentor or members of the research team, have received during the duration of this project.

Awards 16
Awards_16 none yet received

KEYWORDS: List keywords that will be useful in indexing your project.

Keywords_17

Central Valley rivers, geomorphology, sediment, fisheries, gravel, hydrology

California Sea Grant College Program
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Patents IE Eksterneternet

Additions_19

ProjectYear_2A <u>1st Year</u>

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TypeQuestionnaire_2B Interim Questionnaire

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.

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