

Project Information

1. Proposal Title:

Pacific Flyway Center Initial Planning

2. Proposal applicants:

Robin Kulakow, Yolo Basin Foundation

Marcia Howe, Yolo Basin Foundation

Brian Collett, The Dangermond Group

3. Corresponding Contact Person:

Robin Kulakow

The Yolo Basin Foundation

Yolo Basin Foundation P.O. Box 943 Davis, CA 95617

530-756-7248 robin@yolobasin.org

4. Project Keywords:

Environmental Education

Habitat Restoration, Wetland

Local and Regional Coordination

5. Type of project:

Education

6. Does the project involve land acquisition, either in fee or through a conservation easement?

No

7. Topic Area:

Environmental Education

8. Type of applicant:

Private non-profit

9. Location - GIS coordinates:

Latitude: 38.522

Longitude: -121.637

Datum:

Describe project location using information such as water bodies, river miles, road intersections, landmarks, and size in acres.

The proposed Pacific Flyway Center and study area is located in California's Central Valley, between the cities of Davis and West Sacramento. The proposal study area is within the CALFED/ERP Sacramento Region, Yolo Basin Ecozone 10.2. This is the Putah Creek Watershed, a tributary of the Sacramento River. The site also directly borders

on the western edge of the Delta Ecozone 1.1. The site is about two miles south of the I-80 freeway corridor, and directly adjacent to the Vic Fazio Yolo Wildlife Area, and the Yolo Bypass; an operative feature of the Sacramento River Flood Control Project. The project site is also in close proximity to the City of Davis Wetlands to the north, the Putah Creek South Fork Preserve to the southeast, and within the vicinity of the Yolo County Grasslands Park. Although the proposed site is located just outside the Legal Delta and outside the Yolo Basin Floodway, it is strategically perched directly adjoining these high resource value lands.

10. Location - Ecozone:

10.2 Putah Creek,
1.1 North Delta

11. Location - County:

Yolo County

12. Location - City:

None, not applicable

Does your project fall within a city jurisdiction?

No

13. Location - Tribal Lands:

Does your project fall on or adjacent to tribal lands?

No

14. Location - Congressional District:

District 31 Congressman Mike Thompson

15. Location:

California State Senate District Number: District 4

California Assembly District Number: District 8

16. How many years of funding are you requesting?

2 years

17. Requested Funds:

a) Are your overhead rates different depending on whether funds are state or federal?

No

If no, list single overhead rate and total requested funds:

Single Overhead Rate: 32%

Total Requested Funds: \$334,021

b) Do you have cost share partners already identified?

Yes

c) Do you have potential cost share partners?

Yes

If yes, list partners and amount contributed by each:

US Army Corps of Engineers- \$440,000 - \$5 million
Wildlife Conservation Board – Land Costs - \$300,000
Department of Fish & Game – local sponsorship for US Army Corps Section 206 program up to 2.6 million (through the Wildlife Conservation Board)
Department of Fish and Game - development of the center in two phases – \$3 – \$7 million.

d) Are you specifically seeking non-federal cost share funds through this solicitation?

No

If the total non-federal cost share funds requested above does not match the total state funds requested in 17a, please explain the difference:

18. Is this proposal for next-phase funding of an ongoing project funded by CALFED?

No

Have you previously received funding from CALFED for other projects not listed above?

Yes

If yes, identify project number(s), title(s) and CALFED program.

98-H1008 Discover the Flyway Education 98-12-11 Yolo Bypass Management Strategy, Phase II Flood Management

19. Is this proposal for next-phase funding of an ongoing project funded by CVPIA?

No

Have you previously received funding from CVPIA for other projects not listed above?

No

20. Is this proposal for next-phase funding of an ongoing project funded by an entity other than CALFED or CVPIA? No

Please list suggested reviewers for your proposal. (optional)

Bob Shaffer, Central Valley Habitat Joint Venture 916-414-6459

bob_shaffer@fws.gov

Mitch Sears, City of Davis Open Space Reserve Coordinator 530-757-5626

pmsears@dcn.davis.ca.us

Miki Fujitsubo, US Army Corps of Engineers, 916-414-6507

miki.fujitsubo@usace.army.mil

21. Comments:

This a proposal for the initial planning support for the creation of the Pacific Flyway Center. Ultimately it will be an educational center and gateway focused on the Central Valley wetlands habitat values, the floodway functions of the Bypass, the specific habitat resources associated with the Vic Fazio Yolo Wildlife area and other nearby habitat restoration projects. This phase of the project will involve the site and program conceptual planning as well as the conceptualization of a management plan.

Environmental Compliance Checklist

Pacific Flyway Center Initial Planning

1. CEQA or NEPA Compliance

a) Will this project require compliance with CEQA?

No

b) Will this project require compliance with NEPA?

No

c) If neither CEQA or NEPA compliance is required, please explain why compliance is not required for the actions in this proposal.

Ultimately, both CEQA and NEPA documentation will be required for the implementation of the Pacific Flyway Center. However this phase of the project only addresses the preliminary planning support that will include initial studies, program and conceptual planning for the center.

2. If the project will require CEQA and/or NEPA compliance, identify the lead agency (ies).

If not applicable, put "None".

CEQA Lead Agency:

NEPA Lead Agency (or co-lead):

NEPA Co-Lead Agency (if applicable):

3. Please check which type of CEQA/NEPA documentation is anticipated.

CEQA

-Categorical Exemption

-Negative Declaration or Mitigated Negative Declaration

-EIR

- **X** none

NEPA

-Categorical Exclusion

-Environmental Assessment/FONSI

-EIS

X none

If you anticipate relying on either the Categorical Exemption or Categorical Exclusion for this project, please specifically identify the exemption and/or exclusion that you believe covers this project.

4. CEQA/NEPA Process

a) Is the CEQA/NEPA process complete?

No

If the CEQA/NEPA process is not complete, please describe the dates for completing draft and/or final CEQA/NEPA documents.

No CEQA or NEPA documentation has been initiated. It is anticipated that the completion of this phase of the planning effort will also be the kick-off point for beginning the environmental documentation. With that as a time horizon, it is anticipated that the CEQA process will begin within a two-year period (2003) and will be completed within 18 months from that time (mid-2004)

b) If the CEQA/NEPA document has been completed, please list document name(s):

5. Environmental Permitting and Approvals *(If a permit is not required, leave both Required? and Obtained? check boxes blank.)*

LOCAL PERMITS AND APPROVALS

Conditional use permit
Variance
Subdivision Map Act
Grading Permit
General Plan Amendment
Specific Plan Approval
Rezone
Williamson Act Contract Cancellation
Other

STATE PERMITS AND APPROVALS

Scientific Collecting Permit
CESA Compliance: 2081
CESA Compliance: NCCP
1601/03
CWA 401 certification
Coastal Development Permit
Reclamation Board Approval
Notification of DPC or BCDC
Other

FEDERAL PERMITS AND APPROVALS

ESA Compliance Section 7 Consultation
ESA Compliance Section 10 Permit
Rivers and Harbors Act
CWA 404
Other

PERMISSION TO ACCESS PROPERTY

Permission to access city, county or other local agency land.

Agency Name: NA

Permission to access state land.

Agency Name: Department of Fish and Game, Required

Permission to access federal land.

Agency Name: NA

Permission to access private land.

Landowner Name: NA

6. Comments.

This proposal is for the initial planning for a future interpretive/educational facility to be constructed on State lands. Both CEQA and NEPA documentation will be required for the implementation of the Pacific Flyway Center. However this phase of the project only addresses the preliminary planning support that will include initial studies, program and conceptual planning for the center.

Land Use Checklist

Pacific Flyway Center Initial Planning

1. Does the project involve land acquisition, either in fee or through a conservation easement?

No

2. Will the applicant require access across public or private property that the applicant does not own to accomplish the activities in the proposal?

No

3. Do the actions in the proposal involve physical changes in the land use?

No

If you answered no to #3, explain what type of actions are involved in the proposal (i.e., research only, planning only).

This proposal is for a planning study.

4. Comments.

Conflict of Interest Checklist

Pacific Flyway Center Initial Planning

Please list below the full names and organizations of all individuals in the following categories:

- *Applicants listed in the proposal who wrote the proposal, will be performing the tasks listed in the proposal or who will benefit financially if the proposal is funded.*
- *Subcontractors listed in the proposal who will perform some tasks listed in the proposal and will benefit financially if the proposal is funded.*
- *Individuals not listed in the proposal that helped with proposal development, for example by reviewing drafts, or by providing critical suggestions or ideas contained within the proposal. The information provided on this form will be used to select appropriate and unbiased reviewers for your proposal.*

Applicant(s):

Robin Kulakow, Yolo Basin Foundation
Marcia Howe, Yolo Basin Foundation
Brian Collett, The Dangermond Group

Subcontractor(s):

Are specific subcontractors identified in this proposal? Yes
If yes, please list the name(s) and organization(s):
Brian Collett The Dangermond Group

Helped with proposal development:

Are there persons who helped with proposal development?
NO

Budget Summary

Please provide a detailed budget for each year of requested funds, indicating on the form whether the indirect costs are based on the Federal overhead rate, State overhead rate, or are independent of fund source.

Pacific Flyway Center Initial Planning

Independent of fund Source

Budget Summary – Year 1

Task No.	Task Description	Direct Labor Hours	Salary (per year)	Benefits (per year)	Travel	Supplies & Expendables	Services or Consultants	Equipment	Other Direct Costs	Total Direct Costs	Indirect Costs	Total Cost
1.	Mobilization	195	11,700	2925	0	1000	9,640	0	0	25,205	4,680	29,885
3.	Program Development	580	34,800	8,700	0	2,500	16,130	0	0	62,130	13,920	76,050
4.	Conceptual Plan Development	315	18,900	4,725	0	1,648	51,925	0	0	77,198	24,703	101,901
Total		1,090	65,400	16,350	0	5,148	77,695	0	0	168,795	43,303	207,836

Budget Summary - Year 2

Task No.	Task Description	Direct Labor Hours	Salary (per year)	Benefits (per year)	Travel	Supplies & Expendables	Services or Consultants	Equipment	Other Direct Costs	Total Direct Costs	Indirect Costs	Total Cost
5	Partnership Engagement	315	18,900	4,725	0	3,400	9,920	0	0	36,945	7,560	44,505
6.	Management Plan	420	25,200	6,300	0	1,500	26,620	0	0	59,620	10,080	69,700
	Project Mgmt	120	7,200	1,800	0	100	0	0	0	9,100	2,880	11,980
Total		855	32,589	12,825	0	5,000	36,540	0	0	105,665	20,520	126,185

Grand Total = \$334,021

Budget Justification

Pacific Flyway Center Initial Planning

Direct Labor Hours. Provide estimated hours proposed for each individual.

Direct Labor Total estimated hours YBF Staff: Robin Kulakow 400 Marcia Howe 650 Ann Brice 600 Project Assistants 305

Salary. Provide estimated rate of compensation proposed for each individual.

60/hr is current rate used by Yolo Basin Foundation for CALFED

Benefits. Provide the overall benefit rate applicable to each category of employee proposed in the project. All benefit rates are derived from a constant 25% of salary rate

Travel. Provide purpose and estimate costs for all non-local travel.

There are no travel costs anticipated for this project as the entire effort is locally based

Supplies & Expendables. Indicate separately the amounts proposed for office, laboratory, computing, and field supplies.

A breakdown of anticipated supplies and/or expendables is as follows: Office and meeting/workshop materials \$2740 Computing related supplies (large format plots etc) \$3110 Presentation materials \$3000, Mailing, postage \$1000 total: \$10,148

Services or Consultants: Identify the specific tasks for which these services would be used. Estimate amount of time required and the hourly or daily rate.

(See detailed breakout as follows)

Equipment. Identify non-expendable personal property having a useful life of more than one (1) year and an acquisition cost of more than \$5,000 per unit. If fabrication of equipment is proposed, list parts and materials required for each, and show costs separately from the other items.

No major equipment acquisitions are anticipated for this project

Project Management. Describe the specific costs associated with insuring accomplishment of a specific project, such as inspection of work in progress, validation of costs, report preparation, giving presentations, response to project specific questions and necessary costs directly associated with specific project oversight.

There are two levels of project management that have been incorporated into the project organization. The project management task will provide basic reporting. In addition, the principal consultant will dedicate 20 of their total staff hours and 10% of their budget to project management. There will be required deliverables at the completion of each major task that will include a summary report of the status of work in progress along with the specified deliverables.

Other Direct Costs. Provide any other direct costs not already covered.

All direct cost items have been previously addressed.

Indirect Costs. Explain what is encompassed in the overhead rate (indirect costs). Overhead should include costs associated with general office requirements such as rent, phones, furniture, general office staff, etc., generally distributed by a predetermined percentage (or surcharge) of specific costs.

The Yolo Basin Foundation will use an overhead rate of 32%. This rate was determined in accordance with Office of management and Budget Circular A-122 and the Guide for Non-Profit Organizations for preparing indirect cost rates by the U.S. Environmental Protection Agency. This is the rate the Foundation established for federal grants abs required for the National Fish and Wildlife Foundation for a 1998 CALFED grant. It is anticipated that this same rate would be applicable to State funds awarded through a State program. The overhead rate applies to general office and the organizations operating costs such as rent, office supplies, liability insurance, bookkeeping, telephone/fax, administrative assistance and management of general organizational functions.

PROJECT BUDGET DETAIL

		Direct Labor			Supplies &	Services or	Total Direct Costs	Indirect Costs	Total Costs
Task		Hours	Salary	Travel/ Benefits	Expendables	Consultants		(YBF overhead)	
Year One									
1	Mobilization								
	Conceptual Plan Kick-off Meeting	20	\$ 1,200.00	\$ 300	\$ 200	\$ 1,280	\$ 2,920	\$ 480	\$ 3,400
	Conceptual Plan Kick-off Meeting	20	\$ 1,200.00	\$ 300		\$ 1,190	\$ 2,690	\$ 480	\$ 3,170
	Conceptual Plan Kick-off Meeting	40	\$ 2,400.00	\$ 600	\$ 200	\$ 1,280	\$ 4,480	\$ 960	\$ 5,440
	Conceptual Plan Kick-off Meeting	40	\$ 2,400.00	\$ 600	\$ 200	\$ 1,350	\$ 4,550	\$ 960	\$ 5,510
	Conceptual Plan Kick-off Meeting	60	\$ 3,600.00	\$ 900	\$ 200	\$ 1,920	\$ 6,620	\$ 1,440	\$ 8,060
	Conceptual Plan Kick-off Meeting	15	\$ 900.00	\$ 225	\$ 200	\$ 2,620	\$ 3,945	\$ 360	\$ 4,305
	Mobilization Total	195	\$ 11,700	\$ 2,925	\$ 1,000	\$ 9,640	\$ 25,205	\$ 4,680	\$ 29,885
2	Program & Education Plan Development								
	Overall Program Development	100	\$ 6,000	\$ 1,500	\$ 450	\$ 6,900	\$ 14,850	\$ 2,400	\$ 17,250
	Education Plan Development	120	\$ 7,200	\$ 1,800	\$ 700	\$ 2,220	\$ 11,920	\$ 2,880	\$ 14,800
	Exterior Program Elements	120	\$ 7,200	\$ 1,800	\$ 450	\$ 3,260	\$ 12,710	\$ 2,880	\$ 15,590
	Interior Program Elements	120	\$ 7,200	\$ 1,800	\$ 450	\$ 2,220	\$ 11,670	\$ 2,880	\$ 14,550
	Exhibit/Display Components	120	\$ 7,200	\$ 1,800	\$ 450	\$ 1,530	\$ 10,980	\$ 2,880	\$ 13,860
	Program & Education Plan Development Total	580	\$ 34,800	\$ 8,700	\$ 2,500	\$ 16,130	\$ 62,130	\$ 13,920	\$ 76,050
3	Conceptual Plan Development								
	Overall outdoor exhibit Plan development	70	\$ 4,200	\$ 1,050	\$ 260	\$ 6,625	\$ 12,135	\$ 3,883	\$ 16,018
	Habitat and interpretive Plan Conceptual Development	95	\$ 5,700	\$ 1,425	\$ 379	\$ 9,950	\$ 17,454	\$ 5,585	\$ 23,039
	Facility Area Conceptual Plan Development	95	\$ 5,700	\$ 1,425	\$ 379	\$ 9,950	\$ 17,454	\$ 5,585	\$ 23,039
	Preliminary Building Infrastructure Engineering	15	\$ 900	\$ 225	\$ 330	\$ 13,200	\$ 14,655	\$ 4,690	\$ 19,345
	Overall Conceptual Site Plan Development	40	\$ 2,400	\$ 600	\$ 300	\$ 12,200	\$ 15,500	\$ 4,960	\$ 20,460
	Conceptual Plan Development Total	315	\$ 18,900	\$ 4,725	\$ 1,648	\$ 51,925	\$ 77,198	\$ 24,703	\$ 101,901
Year Two									
4	Public Information and Engagement								
	Conduct Kick-off session	35	\$ 2,100	\$ 525	\$ 200	\$ 1,280	\$ 4,105	\$ 840	\$ 4,945
	Make presentations to city county and civic entities	160	\$ 9,600	\$ 2,400	\$ 2,000	\$ 4,200	\$ 18,200	\$ 3,840	\$ 22,040
	Conduct 2 meetings for the public at large.	60	\$ 3,600	\$ 900	\$ 1,000	\$ 2,220	\$ 7,720	\$ 1,440	\$ 9,160

PROJECT BUDGET (cont)

PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET	PROJECT BUDGET
	Community involvement focus - special areas	60 \$	3,600	\$ 900	\$ 200	\$ 2,220	\$ 6,920	\$ 1,440	\$ 8,360
	Public Information and Engagement Total	315 \$	18,900	\$ 4,725	\$ 3,400	\$ 9,920	\$ 36,945	\$ 7,560	\$ 44,505
5	Pacific Flyway Center Management & Program Funding Plan								
	Additional studies - Traffic, Resource Demands, Operating Costs	130 \$	7,800	\$ 1,950	\$ 500	\$ 2,220	\$ 12,470	\$ 3,120	\$ 15,590
	Feasibility Study	160 \$	9,600	\$ 2,400	\$ 500	\$ 20,000	\$ 32,500	\$ 3,840	\$ 36,340
	Formulation of Management Plan & Program Funding Plan	130 \$	7,800	\$ 1,950	\$ 500	\$ 4,400	\$ 14,650	\$ 3,120	\$ 17,770
	Pacific Flyway Center Management Plan Total	420 \$	25,200	\$ 6,300	\$ 1,500	\$ 26,620	\$ 59,620	\$ 10,080	\$ 69,700
6	Project Management	120 \$	7,200	\$ 1,800	\$ 100	\$ -	\$ 9,100	\$ 2,880	\$ 11,980
	PROJECT TOTAL	1945 \$	116,700	\$ 29,175	\$ 10,148	\$ 114,235	\$ 270,198	\$ 63,823	\$ 334,021

Consultant Cost Detail

ITEM	TASK	PD	Cost	BC	Cost	SB	Cost	ADMIN	Cost	Total Hours	Est. Labor Cost	SUBS (Lump sum)	Total Cost
Mobilization													
1.0	Conceptual Plan kick-off Meeting	4	\$ 540	4	\$ 340	4	\$ 300	2	\$ 100	14	\$ 1,280		\$ 1,280
1.1	Coordinate with US Army Corp Study currently underway	3	\$ 405	4	\$ 340	4	\$ 300	3	\$ 150	14	\$ 1,195		\$ 1,195
1.2	Conduct partnership Sessions to Determine facility Requirements	4	\$ 540	4	\$ 340	4	\$ 300	2	\$ 100	14	\$ 1,280		\$ 1,280
1.3	Develop strategies/concepts for for identified issues and concerns of adjoining property owners and site related needs by Partnership group	4	\$ 540	4	\$ 340	4	\$ 300	2	\$ 100	14	\$ 1,280		\$ 1,280
1.4	Participate in monthly Pacific Flyway Committee meetings to centralize process within the planning process and ensure their timely input	6	\$ 810	6	\$ 510	3	\$ 225	8	\$ 400	23	\$ 1,945		\$ 1,945
1.5	Prepare Plan Process Strategic Plan identifying timeline and deliverables	4	\$ 540	8	\$ 680	16	\$ 1,200	4	\$ 200	32	\$ 2,620	\$ 40	\$ 2,660
		25	\$ 3,375	30	\$ 2,550	35	\$ 2,625	21	\$ 1,050	111	\$ 9,600	\$ 40	\$ 9,640

Program Development

2.0	Overall program development	20	\$ 2,700	20	\$ 1,700	17	\$ 1,275	19	\$ 950	76	\$ 6,625		\$ 6,625
2.1	Education Pan Development	4	\$ 540	8	\$ 680	8	\$ 600	8	\$ 400	28	\$ 2,220		\$ 2,220
2.2	Exterior Program Elements	6	\$ 810	10	\$ 850	16	\$ 1,200	8	\$ 400	40	\$ 3,260		\$ 3,260
2.3	Interior Program Elements	4	\$ 540	8	\$ 680	8	\$ 600	8	\$ 400	28	\$ 2,220		\$ 2,220
2.4	Exhibit/Display Components	4	\$ 540	4	\$ 340	6	\$ 450	4	\$ 200	18	\$ 1,530		\$ 1,530
		38	\$ 5,130	50	\$ 4,250	55	\$ 4,125	47	\$ 2,350	190	\$ 15,855	0	\$ 15,855

ITEM	TASK	PD	Cost	BC	Cost	SB	Cost	ADMIN	Cost	Total Hours	Est. Labor Cost	SUBS (Lump sum)	Total Cost
Conceptual Plan Development													
3.1	Overall Outdoor Exhibit Plan Development	20	\$ 2,700	20	\$ 1,700	17	\$ 1,275	19	\$ 950	76	\$ 6,625		\$ 6,625
3.2	Habitat and Interpretive Plan Development	7	\$ 945	50	\$ 4,250	60	\$ 4,500	5	\$ 250	122	\$ 9,945		\$ 9,945
3.3	Facility Area Conceptual Plan Development	7	\$ 945	50	\$ 4,250	60	\$ 4,500	5	\$ 250	122	\$ 9,945		\$ 9,945
3.4	Preliminary Infrastructure Engineering			4	\$ 340	8	\$ 600	4	\$ 200	16	\$ 1,140	\$ 12,060	\$ 13,200
3.5	Overall Site Plan Conceptual Development	30	\$ 4,050	40	\$ 3,400	50	\$ 3,750	20	\$ 1,000	140	\$ 12,200		\$ 12,200
Program & Conceptual Planning Total		110	\$ 14,850	224	\$ 19,040	255	\$ 19,125	127	\$ 6,350	716	\$ 59,365	\$ 12,060	\$ 51,915
Public Information and Engagement													
4.0	Conduct kick-off session	4	\$ 540	4	\$ 340	4	\$ 300	2	\$ 100	14	\$ 1,280		\$ 1,280
4.1	Make Presentations to City and County & Civic Entities	8	\$ 1,080	16	\$ 1,360	16	\$ 1,200	11	\$ 550	51	\$ 4,190	10	\$ 4,200
4.2	Meetings for Public at Large		\$ -	12	\$ 1,020	16	\$ 1,200		\$ -	28	\$ 2,220		\$ 2,220
4.3	Community Involvement Special Areas	4	\$ 540	4	\$ 340	16	\$ 1,200	3	\$ 150	27	\$ 2,230		\$ 2,230
Stakeholder Process Total		16	\$ 2,160	36	\$ 3,060	52	\$ 3,900	16	\$ 800	120	\$ 9,920	\$ 20,080	\$ 9,930

ITEM	TASK	PD	Cost	BC	Cost	SB	Cost	ADMIN	Cost	Total Hours	Est. Labor Cost	SUBS (Lump sum)	Total Cost
Pacific Flyway Center Management Plan													
	Additional Studies - Traffic, Resource Demands, Operating costs		\$ -	12	\$ 1,020	16	\$ 1,200		\$ -	28	\$ 2,220		\$ 2,220
5.0			\$ -						\$ -				
5.1	Feasibility Study		\$ -	12	\$ 1,020	16	\$ 1,200		\$ -	28	\$ 2,220	17780	\$ 20,000
5.2	Management and program Funding Program	8	\$ 1,080	16	\$ 1,360	16	\$ 1,360	12	\$ 600	52	\$ 4,400		\$ 4,400
Conceptual Management Plan		8	\$ 1,080	40	\$ 3,400	48	\$ 3760	16	\$ 600	108	\$ 8,840	\$ 17,780	\$ 26,620

Total estimated hours & Costs 197 \$ 11,745 156 \$ 13,260 190 \$ 14,410 100 \$ 4,800 529 \$ 44,215 \$ 37,900 \$ 62,045
 PD = Pete Dangermond, BC = Brian Collett, SB Steve Blackwell

Proposal for Pacific Flyway Center Initial Planning

Executive Summary -Pacific Flyway Center Initial Planning

This Proposal is a funding request by the Yolo Basin Foundation (YBF) in for initial planning of the Pacific Flyway Center (PFC) a proposed education/interpretive center in partnership with the Department of Fish and Game intended to serve the general public and local schools. The project will include habitat, trail linkages and a 12,000 square foot educational center presenting educational programs based on regional ecosystems, the functions of the Bypass, and showcasing an array of CALFED actions. The PFC study area is a 69-acre site located in Yolo County, between Davis and West Sacramento and within the Yolo Basin Ecozone 10.2. It borders the western edge of Delta Ecozone 1.1. and is situated just outside the Legal Delta. The site is about two miles south of I-80, and adjacent to the Vic Fazio Yolo Wildlife Area, and the Yolo Bypass. The project objective is to undertake and complete required planning activities for the site and facility and access route in order to advance the process towards implementing the Pacific Flyway interpretive center. YBF will utilize the approach of pursuing and building upon the on-going partnership discussions for the development, programming and education activities and long-term management of the proposed Flyway Center. For this proposal, the following scope of work has been outlined: Conceptual Plan /Public Engagement and Information, Pacific Flyway Center Management and Program Funding Plan. The hypothesis for this initial phase of work is that a common program and site plan for the PFC can be developed that will reflect the priorities and needs of the array of potential partners. The expected outcome for this project is the realization of a conceptual plan, a commitment by the partner interests, a firming of programmatic input by stakeholder interests, the preparation a conceptual PFC plan, and the integration of the PFC with other pertinent planning efforts. There are important parallels between the YBF mission and the CALFED Ecosystem Restoration Program scope and purpose.- Many of the PFC partners are also participants in the CALFED process and there are also extraordinary opportunities due to the strategic relationship between the proposed PFC site and the Delta resource area

Project Proposal -Yolo Basin Foundation Pacific Flyway Center Initial Planning

Robin Kulakow, Yolo Basin Foundation
Marcia Howe, Yolo Basin Foundation
Brian Collett, The Dangermond Group

1.Description of the Project

This Proposal presented jointly by the Yolo Basin Foundation (YBF) and the Dangermond Group, is a funding request for the initial planning phase of the Pacific Flyway Center (PFC). The PFC is a proposed education/interpretive center, in partnership with the State Department of Fish and Game (DFG), intended to serve the general public and the Central Valley school districts. The Pacific Flyway Center will be a public engagement site situated at the hub of the larger resource area of the Vic Fazio Yolo Wildlife area, the Yolo Bypass, the Sacramento/ San Joaquin Delta and the Pacific Flyway. This proposal is for the initial planning phase that will include program development, conceptual planning, partnership and stakeholder engagement and the preliminary formulation of operations for the proposed Center. Ultimately the project will involve the restoration/creation of wetlands and other habitat categories, trail linkages, interpretive components and the construction of an interpretive/educational facility to accommodate and serve the general public and schools.

Yolo Basin Foundation is dedicated to the appreciation and stewardship of wetlands and wildlife through education and innovative partnerships

As the mission of the Yolo Basin Foundation is to educate and inspire people about wetlands and wildlife in the Central Valley, the Pacific Flyway Center represents its fruition by providing a permanent place and facility for this focused educational experience. The Foundation's mission has, in part, been implemented through previous funding from CALFED, with the on-going Discover the Flyway programs already underway. These existing programs, conducted in partnership with DFG, include teacher training and field classes for K-12 students at the Vic Fazio Yolo Bypass Wildlife Area (Wildlife Area), evening lecture series, general public tours, watershed workshops, college internship opportunities, service learning activities, special programs like Nature Bowl, and informational displays at the existing DFG Wildlife Area headquarters in Davis. This existing, diverse environmental education program already accommodates around 3000 students per year and trains approximately 100 teachers per year. Last year there were around 3500 student visitors in structured environmental education programs, four environmental training workshops that trained 75 teachers, around 600 parents who accompanied the student groups and variety of other programs and events that opened a window for the public and educational groups to wetlands and wildlife. In the five years that the program has been in operation 11,000 students, 372 teachers and 1400 parents have participated.

The PFC will build upon these existing programs by providing an all-year-round facility that will offer indoor and outdoor exhibits, classroom and meeting spaces directly linked to the onsite and

nearby natural resource areas. The facility is anticipated to be a 12,000 square foot building containing classrooms, exhibit space and multiple use meeting areas that will be surrounded by over sixty acres of outdoor wetlands/wildlife interpretive areas and land devoted to wildlife-friendly agricultural uses. Along with the restored wetland and other appropriate habitat types developed on-site, the Center will be strategically located to provide visual and convenient physical access to the Vic Fazio Yolo Wildlife Area as well as other key Delta-related habitat restoration areas.

It is conceived that the PFC will serve a dual function of enabling the public at large as well as students from regional schools to experience and learn about the resource values related to the Wildlife Area, the Yolo Bypass, the Delta and the Pacific Flyway. Another role that the Pacific Flyway Center is anticipated to serve is that of point of departure and information hub for multiple restoration and habitat areas within the nearby vicinity. The project site is in close proximity to the City of Davis Wetlands to the north, the Putah Creek South Fork Preserve to the southeast, and near the Yolo County Grasslands Park. The Yolo Basin Foundation has a close working relationship with the managers of all of these wetland projects and it is envisioned that the Pacific Flyway Center could serve as an interpretive site and staging area for visitors to all of the cited wildlife areas. The basic programmatic premise for the Center is to provide a multi-layered center or gateway that can accommodate a visitor that desires a quick overview of the ecological resources of the area as well as the visitor who might wish to undertake a day-long tour of the extensive habitat resources in the vicinity.

Funding Partnership

The Pacific Flyway Center proposal represents an increase in emphasis on fulfilling its core educational purpose through innovative partnerships. As the momentum for the PFC has grown, the partnership base for its development has solidified. The US Army Corps of Engineers will design and construct the habitat component of the project through a Section 206 Habitat Restoration project authorized by Congress in 1998. The Corps is authorized to spend up to \$5 million for this purpose. To date the Corps has contributed \$190,000 to the project for planning and baseline studies. It is anticipated that the Corps' contribution for the first planning phase, up to plans and specifications, will total \$440,000.

DFG through the Wildlife Conservation Board (WCB) purchase of the 69-acre site has contributed \$300,000. . DFG has also committed to funding a major portion of the project and to the local sponsorship of the US Army Corps 206 project. At WCB's request YBF and DFG are preparing a proposal for \$5 million for the first phase of the project. We anticipate that it will be on the WCB agenda in May.

Partnerships and Expanded Educational Scope

The PFC is now defined as a DFG owned and operated facility with YBF providing planning and programmatic support. Additional partners include the WCB and potentially, the California Department of Parks and Recreation, U.S Fish and Wildlife Service, US Bureau of Reclamation, the State Reclamation Board, The State Department of Water Resources, City of Davis, Yolo County, California Waterfowl Association, Yolo County Office of Education and others. With

this broad partnership approach the educational programs that the Center will support have a broad scope including the Sacramento River Watershed ecosystems, regional flood control and hydrological processes of the Yolo Bypass, community-based watershed stewardship activities and the dissemination of information about the array of CALFED related programs and actions.

Also adding to the potential interpretive/educational scope for the proposed center is the recent expansion of the Yolo Wildlife Area to 16,000 acres. Acquired lands to the north -- up to the I-80 freeway, as well substantial land areas to the south of the original Wildlife Area have significantly increased the total potential Wildlife Area resources. This is important to the development of the PFC for two principle reasons. There is already an understanding with WCB that an acquired site outside the Bypass but within the Wildlife Area boundary will serve as the location for the Pacific Flyway Center. Secondly, the new acquisitions in entirety effectively expand the potential resource area for the public to engage in. This larger resource area offers a very broad range of habitat types.

Currently, the primary audience for the Discover the Flyway program and other educational programs consists of the citizens of the three-county area of Yolo, Sacramento, and Solano counties (combined population of 1,729,100). The expanded facilities of the PFC will provide more resources to serve new and larger audiences. These resources include additional indoor and outdoor educational space including classroom and learning laboratory space and more diverse habitat areas. In addition, improved facilities will help in the recruitment of more teaching volunteers. This expanded capacity will allow the PFC to serve audiences from new areas from as far away as the San Francisco Bay Area, Napa/Sonoma and neighboring counties of the Central Valley. Also the additional resources available will allow the Discover the Flyway program to increase program opportunities to middle school and high school classes – groups that currently participate in the education programs less frequently than K-6 classes. These capabilities will also reinforce the ability of the PFC school curricula to meet continually changing state educational standards including the new science standards.

In terms of the general public, the PFC will provide a significant improvement in access to the Wildlife Area and surrounding resources. In 1999 a strategic analysis by a UC Davis School of Management student team recommended that the Center be planned for an ultimate annual visitation of 100,000. In addition to all of the obvious constituencies for natural areas and interpretive centers, the Center will target people who have not explored wildlife areas before and make them feel comfortable in the “urban wilderness” of the Yolo Wildlife Area through orientation and diverse learning activities.

2. LOCATION

The proposed Pacific Flyway Center and study area is located in California’s Central Valley, between the cities of Davis and West Sacramento. The proposal study area is within the CALFED/ERP Sacramento Region, Yolo Basin Ecozone 10.2. This is the Putah Creek Watershed, a tributary of the Sacramento River. The site also directly borders on the western edge of the Delta Ecozone 1.1. The site is about two miles south of the I-80 freeway corridor, and directly adjacent to the Vic Fazio Yolo Wildlife Area, and the Yolo Bypass; an operative feature of the Sacramento River Flood Control Project. The project site is also in close proximity to the

City of Davis Wetlands to the north, the City's Putah Creek South Fork Preserve to the southeast, and within the vicinity of the Yolo County Grasslands Park. Although the proposed site is located just outside the Legal Delta and outside the Yolo Bypass Floodway, it is strategically perched directly adjoining these high resource value lands.

3. PROJECT OBJECTIVES

The project objective is to undertake and complete required planning activities for the PFC site, facility and access route in order to advance the process towards building the interpretive center. Specific task objectives for this phase of the work include the following:

- a. Further partnership group confirmation, reinforcement and development
- b. PFC program development and refinement
- c. Building and outdoor conceptual planning and design
- d. Preliminary plan preparation for building infrastructure
- e. Management and program funding plan
- f. Initial architectural conceptualization
- g. Initial exhibit conceptualizations
- h. Conceptual plan for interpretive features

4. PROJECT APPROACH

The Yolo Basin Foundation will continue to pursue and build upon the on-going partnership discussions for the development and long-term management of the proposed Flyway Center. The Dangermond Group, with assistance from Cunningham Engineers, will work with the established Pacific Flyway Center Committee and partner interests to develop program concepts and conceptual plans for the Center. The PFC committee is composed of YBF board members and staff, DFG staff, agency representatives and community volunteers. The Dangermond Group consultants will facilitate the majority of meetings and the forums involved in these planning efforts. They will develop all written materials and coordinate with all entities involved in these complex processes. The U.S. Army Corps of Engineers is scheduled to complete an EA and a Detailed Project Report for the site restoration project by May 2003.

Task 1. Mobilization

Mobilization will involve conducting partnership sessions to determine overall programming and management plan requirements. In the stakeholder partnership process the roles and specific relationships between the partnership entities will be matured and refined. The partner engagement task will continue throughout the overall planning process with ongoing meetings. Goals for this task include defining roles and achieving commitments by the key partnership interests, tapping partnership input into the program and site planning process and engaging key stakeholders at the appropriate stages of the project. Task 1 work includes a conceptual plan kick-off meeting, coordination with US Army Corp planning and engineering staff, conducting partnership sessions to determine facility requirements, development of concepts and strategies for identified issues and concerns and site related needs as expressed by partnership groups, as well as facilitation of the monthly meetings of the PFC Committee.

Anticipated outcome - Strategic Plan identifying timeline and deliverables for the overall project.

Task 2. Program and Education Plan Development

Facility and educational program development will involve working directly with DFG, YBF, the PFC Committee, the partnership group and local and regional educators to identify the full range of elements desired for the PFC. The Foundation's core mission will serve as the reference point for determining the suitability of a specific proposed feature for the PFC. Consultants will facilitate working sessions with staff, regional educators and representatives of regional interpretive centers. The sub-categories of exterior program features and elements, interior features and elements and specific exhibit/display components will be the topics of meetings. Staff will spend significant time working with the consultants and resource people on this plan.

Anticipated Outcome - A comprehensive program and education plan.

Task 3. Conceptual Plan Development

Utilizing the Program and Education Plan, the consultants will facilitate staff, partners, and other agency representatives in a planning effort for the overall conceptual site plan development. This will involve site organization, conceptual models for site features, facility area conceptual plan development, and preliminary building infrastructure conceptual design. This conceptual plan will inform the initial architectural concept.

Anticipated Outcome - Completed conceptual plan and initial architectural concept to be used for the next phase of planning for the PFC.

Task 4. Public Information and Engagement

A process to inform and engage the public will be conducted. These activities will provide outreach regarding the planning process and will generate support from the community and region. A series of presentations will be held for community and regional groups in Sacramento, Yolo and Solano Counties including Boards of Supervisors, City Councils, Chambers of Commerce, and others. Two informational programs for the community at large will be held. These meetings and presentations will involve the preparation and development of informational and display materials. The meetings will be primarily informative in nature but will also be used to obtain feedback and public input that can be used to refine the conceptual plans being developed.

Anticipated outcome - Public engagement resulting in interest and general of support of the PFC and pertinent feed back that will be integrated into the conceptual plans.

Task 5. Pacific Flyway Center Management and Program Funding Plan

The management plan will involve confirmation of the organization and management structure for the PFC. There are several essential components to accomplish in this task. The full programmatic scope for the Center will be defined under the previous tasks. The management plan will include conceptual plans for the PFC with “order of magnitude” costs for construction and annual operations defined, as well as specific roles and commitments for partnership involvement that will have to be in place. Additionally, supplemental studies will be undertaken including traffic analysis, resource requirements based on visitation projections, staffing needs etc., from which operation costs will be derived. Finally, coordination with other programs and habitat related activities will be integrated with the PFC management plan. These other programs and activities include pertinent CALFED ERP proposals and actions, other pertinent CALFED actions, Yolo County Habitat Conservation Plan (HCP) activities, the City of Davis habitat and recreational master planning, the DFG existing and expanded management scope for the Yolo Wildlife Area, and the Delta protection Commission’s guided Delta-wide Recreation Master Planning effort.

The basic assumption of the management and program funding plan is that DFG will own the facility, be responsible for the basic operations of the PFC and YBF will be responsible for funding education-related programs. YBF will develop a long term funding strategy combining private funding sources from individuals, foundations and corporations to augment and enhance public funding for the PFC. YBF is also initiating an endowment campaign that has potential for partially supporting the Discover the Flyway program. **Task 5 will involve research into funding sources and partnership discussions of funding roles.** One area that will be studied through this task is the feasibility of an endowment campaign for all of the programs of the Center.

Anticipated Outcome: Management and program funding plan

5. PROJECT HYPOTHESIS/UNCERTAINTIES

The fundamental hypothesis of this effort is that there is an unfulfilled need for the broad interpretation of values associated with the Sacramento River Watershed and specifically the Yolo Basin and Delta ecosystems, the significant public works in place and proposed through the CALFED programs, the critical functioning of the Pacific Flyway itself, and the key habitat sanctuaries along its route. This need is especially true in the North Delta where the public has relatively easy access off of the I-80 corridor to the Wildlife Area; the largest restored natural habitat area in the Delta – a short driving distance from the region’s major urban centers. It is hypothesized that an interpretive/educational site and facility situated at this strategic location would provide a significant contribution to the schools of the Sacramento region as well as to the general population. The range of educational and interpretive material that the PFC would address is as broad as the constituency of the partnership base for it. Some of the broader interpretive subject areas that the PFC will serve as a public forum for include:

- Enhancement of the public’s awareness of the presence and importance of wetlands in their environment and improving their understanding of issues that impact these ecosystems.

- the functions of the Sacramento River Flood Control Project,
- a showcase for the range of actions envisioned for the CALFED Bay-Delta Program,
- the interpretation and demonstration of locally based collaborative planning/problem solving among many interests.

There are other similar educational and interpretive centers either already developed as with the Cosumnes Nature Center or in a conceptual stage as with the East Bay Regional Parks Science Center proposal for Big Break. Both the intended scopes for these other facilities as well as the anticipated audiences appear to not overlap with the Pacific Flyway Center in any significant way. The Science Center is primarily focused on aquatic features of the Bay and Delta and because of its westerly location, prospective visitors are likely to come from the East Bay and the greater Bay Area rather than from Central Valley communities. The Cosumnes Preserve Visitor Center is a relatively smaller facility more focused on riparian ecosystems. To ensure coordination of these centers, representatives will continue to meet informally at a quarterly gathering facilitated by the Delta Protection Commission.

The hypothesis for this initial phase of work is that a common program can be conceptualized that will reflect the priorities of the range of federal, state, local and non-profit partners, and that this common environmentally-based program can be organized and ultimately presented to the public in an attractive and provocative way that will constitute the Pacific Flyway Center. (See Figure 1, Pacific Flyway Center Conceptual Model)

6. ANTICIPATED OUTCOME

The anticipated outcome for this planning phase of the Pacific Flyway Center is the realization of a conceptual programmatic plan with a firming of programmatic input by all of the stakeholder interests, a definition of commitment of the prospective partner interests, preparation of the preliminary physical plans, and the integration of conceptual program and physical planning with a management and funding plan.

7. RELATIONSHIP TO CALFED

There are important parallels between the fundamental educational mission of the Yolo Basin Foundation, the mission and goals of DFG and the CALFED Ecosystem Restoration Program scope and purpose. Many of the partner interests involved with the Pacific Flyway Center are also significant agency/department participants in the CALFED process. There are also extraordinary opportunities made possible due to the strategic physical relationships between the proposed PFC site and the Delta resource area, the Sacramento Valley Yolo Basin Eco-region 10.2 and the now expanded Vic Fazio Yolo Wildlife Area.

Finally, since the Pacific Flyway Center project is still at its formative stage, there is an enormous opportunity for CALFED to help shape the physical and programmatic scope of PFC and then to ultimately be a significant participant in the range of interpretive stories and educational subject matter that it will provide. The reference for this direct relationship with CALFED is cited in the Environmental Restoration Program MR-3, **Implement Environmental education actions throughout the geographic scope**, Educational Programs: “ Develop programs affiliated with

conservation, restoration and monitoring efforts including curriculum development and hands-on educational activities for adults and children K-12. Programs should emphasize methods to build collaborative networks incorporating student driven decision making and community building project(s) that actually perform research and restoration.”

8. APPLICANT QUALIFICATIONS

The Yolo Basin Foundation. YBF was founded in 1990 as community-based organization to support the establishment of the 3,700-acre Vic Fazio Yolo Wildlife Area, owned and managed by DFG. It is a nonprofit public benefit corporation dedicated to education and inspiring people about wetlands and wildlife in the Central Valley. The 15-member Board of Directors represents a diverse group of stakeholders, from agriculture to waterfowl conservation to local government, education and the business community. Since 1997 YBF has conducted the Discover the Flyway education program for schools hosting over 10,000 school children. YBF facilitates the landowner based Yolo Bypass Working Group through a CALFED grant.

Yolo Basin Foundation – Key Staff

Project Manager - Ann Brice, Yolo Basin Foundation Associate Executive Director, has undergraduate degrees in anthropology and biology, a master’s in urban teaching and a Ph.D. in ecology. She was the founding Executive Director of Cache Creek Conservancy and has a strong background in successful grant writing (including CALFED) and project management. She has taught biology and environmental education from kindergarten through university levels.

Executive Director – Robin Kulakow’s work led to the establishment of the Yolo Wildlife Area. She has been the YBF Executive Director since 1990, leading the organization in developing a comprehensive wetlands education program. Robin has Bachelor of Science degree in soil science and a master’s degree in administration from UC Davis.

Development Director – Marcia Howe has extensive experience in interpretive project planning and fund development. She was Executive Director of the Shasta Natural Science Association in Redding for 15 years, overseeing the Carter House Natural Science Museum and, beginning in 1995, the Redding Arboretum. She was instrumental in the initiation and development of the museum and into a major community institution.

Department of Fish and Game

Area Manager of the Yolo Wildlife Area - Dave Feliz has been the Yolo Wildlife Area Manager since 1998. He worked on State wildlife areas for 14 years with a total of 18 years working for the California Department of Fish and Game. He has a Bachelor of Science degree in Wildlife Management from Humboldt State University.

Consultant

The Dangermond Group - The Dangermond Group is a planning and design firm with an emphasis on parks, recreation, tourism and interpretation and resource conservation. The firm has worked on interpretive planning and master planning for parks, museums, resorts, botanic garden,

recreational trails and water-based recreational facilities. Projects have included California Citrus State Historic Park, Lake Tahoe Bike Interpretive Signage, Turtle Bay Exploration Park, and San Joaquin River Parkway. The Dangermond Group has been working with YBF on the Flyway Center since 1998 and has assisted in facilitating the process that has resulted in securing the US Army Corps of Engineers and the Department of Fish and Game as funding partners.

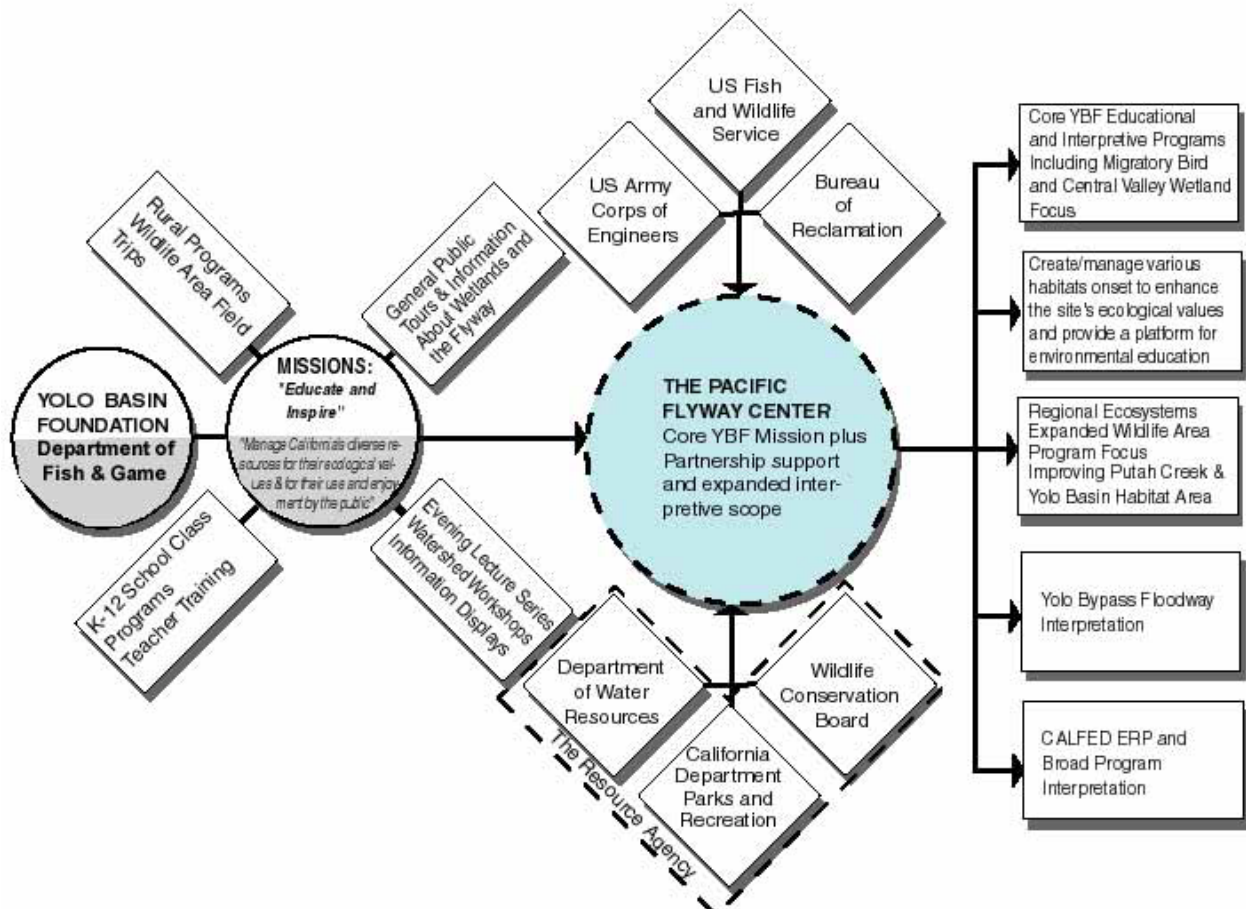


Figure 1. Yolo Basin Foundation Pacific Flyway Center Educational/Interpretive Program Model