

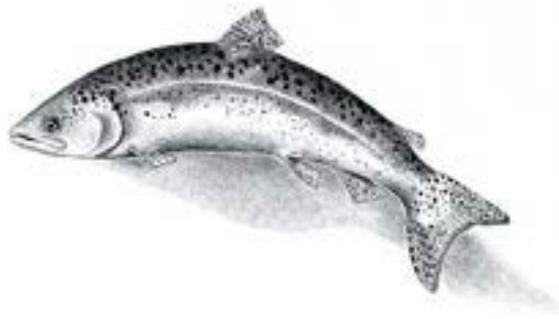


**Watershed Stewards Project**

**Farallones Marine Sanctuary  
Association Handbook**  
Service Year 18 – 2011/12

# **Farallones Marine Sanctuary Association**

## **Site Handbook**

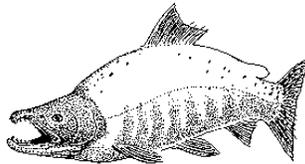


Farallones Marine Sanctuary Association  
991 Marine Drive, The Presidio  
San Francisco, CA 94129  
415-561-6625 (x308 or x310)



## **Watershed Stewards Project Mission**

The mission of the AmeriCorps Watershed Stewards Project is to conserve, restore, and enhance anadromous watersheds for future generations by linking education with high quality scientific practices.



*Sockeye Salmon*



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## Introduction

### Site Description

<i>Location</i>	The Farallones Marine Sanctuary Association (FMSA) office is located in the Historic Coast Guard Building along the waterfront of Crissy Field in the Presidio in San Francisco.
<i>Agency Affiliation</i>	The Farallones Marine Sanctuary Association (FMSA) is the only non-profit organization dedicated to protecting the Gulf of the Farallones National Marine Sanctuary's wildlife and habitats through the development of a diverse community of informed and active ocean stewards. We collaborate closely with the sanctuary staff and coordinate and sponsor programming and initiatives that ensure the sanctuary is protected. From education to research and volunteer programming, we work to build a concerned and aware public network to promote this goal.
<i>General Ecology</i>	The Farallones Marine Sanctuary Association (FMSA) is located in the Historic Coast Guard Building along the waterfront of Crissy Field. The office has views of the Golden Gate Bridge, Alcatraz Island, and downtown San Francisco and the site includes a pier classroom for educational programming such as salmon dissections, plankton labs, squid print making, as well as research presentations on subjects such as deep sea corals and white shark tagging studies. Crissy Field Beach, part of the Golden Gate National Recreation Area is adjacent to the office with mole crabs, polychaete worms, shorebirds, and California beach hoppers. The pier pilings are covered with seastars, barnacles, mussels, and there are Dungeness, red rock, and brown rock crabs milling about the base of the piers. Just down the beach, there is a rock wall with shorecrabs, chitons, gooseneck barnacles, and anemones. The pier is great for sighting guillemots, loons, cormorants, pelicans, grebes, and scoters. The sanctuary campus is in the Presidio of San Francisco and is inside the Golden Gate National Recreation Area.



**General Calendar of Duties at the Farallones Marine Sanctuary Association**

<i>Month</i>	<i>Location</i>	<i>Site Duties</i>	<i>Work Load</i>	<i>Typical Work Hours</i>
<b>Fall</b>				
October	Field / Office / Classroom	WSP Orientation, Visitor Center (VC) Training, VC Programs, Oceans After School Programs (training & leading Salmon programs), Stream Surveys, Restoration	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
November	Field / Office / Classroom	Visitor Center Training, VC Programs, Teacher Workshop, Oceans After School Programs, Stream Surveys, Restoration	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
<b>Winter</b>				
December	Field / Office / Classroom	VC Programs, Oceans After School Programs, Stream Surveys, Restoration	Moderate	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
January	Field / Office / Classroom	Oceans After School Programs, Stream Surveys, Restoration, "Salmonopolis" Public Programs	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
February	Field / Office / Classroom	VC Programs, Oceans After School Programs, Stream Surveys, Restoration, "Salmonopolis" Public Programs	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
<b>Spring</b>				
March	Field / Office / Classroom	VC Programs, Oceans After School Programs, Stream Surveys, Restoration, "Salmonopolis" Public Programs	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
April	Field / Office / Classroom	VC Programs, Oceans After School Programs, Stream Surveys, Restoration, "Salmonopolis" Public Programs	Very Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
May	Field / Office / Classroom	VC Programs, Oceans After School Programs, Stream Surveys, Restoration, "Salmonopolis" Public Programs	Very Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
<b>Summer</b>				
June	Field / Office / Classroom	High School Programs, Public Programs, ISP, Restoration, Nursery, VC Programs	Moderate	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
July	Field / Office / Classroom	High School Programs, Public Programs, Stream Surveys, Restoration, VC Programs	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.
August	Field / Office / Classroom	Public Programs, Stream Surveys, Restoration, VC Programs	Busy	8 hour days; 5 days/week Tues – Fri + either Sat. or Sun.



## Description of Site Duties

*Watershed Assessment in Partnership with the National Park Service (GGNRA) and the Golden Gate Parks Conservancy*

FMSA has established partnerships with the GGNRA restoration effort at Big Lagoon and Redwood Creek near Muir Woods. The work will likely include restoration as well as stream surveys and monitoring. An additional potential component is to partner with the GGNRA on field sites along the San Mateo County Coast where FMSA and the sanctuary have strong ties to the community. As the watershed assessment component becomes more developed, this section will be divided into 3-4 distinct projects. We are currently in contact with restoration ecologists, and aquatic biologists to further develop our strong watershed assessment program for our members.

*Environmental Education (Real Science)*

Oceans After- School Watershed Curriculum (8-10-yr-olds) and the San Francisco Bay Estuary Education Program (High school) both involve 8 or more visits. Oceans After-School will achieve the following goals: 1) Provide innovative hands-on marine science programs to youth, 2) Inspire youth to become marine scientists and ocean stewards, 3) Connect youth and their community to their watershed through science, art and discovery. Youth participate in a series of eight different After-School program sessions. Each hands-on program allows youth to learn about a different ocean animal and their importance in the marine food web. Program topics include the National Marine Sanctuary system, salmon, crabs, sharks, marine mammals, squid, seabirds and plankton. Dynamic elements such as salmon dissections and printmaking as well as studying live crabs enrich each session. The programs teach basic science about each topic, but they also contain a substantial stewardship component. The Youth Challenge Watershed Project introduces urban youth and teachers to the San Francisco Bay Estuary and the challenges facing this vast watershed. Through this watershed and marine science education program, students and teachers gain a deeper understanding of the complex issues California faces in finding the balance between water resources for our cities and agriculture, and water to sustain the largest estuary ecosystem on the Pacific coast.

*Visitor Center Outreach*

The sanctuary public programs engage the public in watershed issues through workshops, excursions, and lectures. Members will be involved in coordinating, developing, and teaching our popular public program: "Salmonopolis: Salmon in our Sanctuary" which includes film, salmon dissection, brief talk, and salmon printmaking. Members will also lead and coordinate Plankton public workshops to teach the public about links between ocean acidification, salmon prey species, and salmon. Finally, the sanctuary plans to create a salmon in the sanctuary lecture series.

*Volunteer Recruitment*

Members will assist with recruitment and training of Visitor Center Volunteer Naturalists to assist with programming and staffing of the Visitor Center. Also, members will assist GGNRA by recruiting volunteers to assist with riparian restoration/revegetation and other watershed assessment activities.



## ISPs and Outreach Events

### ISP Information

*Mentor*

*Philosophy*

We believe that members should be the masterminds behind their ISP and we are here to support member efforts to the utmost of our ability. FMSA and the sanctuary have a vibrant community of staff, volunteers, and community members to draw from for volunteer events.

*Community*

FMSA and the sanctuary have a vibrant community of staff, volunteers, and community members to draw from for volunteer events.

### Outreach Information

*Programs*

In general, our philosophy is that providing a free program is the best outreach we can provide. We spend less time tabling at events and more time bringing marine specimens and art supplies into classrooms and community centers.

### Calendar of Outreach Events for Site / Community (Optional)



## Education

### Education Notes

*Projects* As noted in the projects section, our site has a very strong education component. Members are encouraged to craft innovative, original and hands-on programs. See above.

### Site / Region Specific Education Resources

*Pier Classroom* Our classroom is a stunning location on Crissy Field on a pier over the water. The adjacent area is ideal for leading marine science field trips.

*Watershed models* We have two brand new watershed models for classroom and community presentations.

*Frozen specimens* We have a chest freezer to store frozen specimens such as Chinook salmon donated by hatcheries.

*Visitor Center aquaria and exhibits* The Gulf of the Farallones National Marine Sanctuary Visitor Center contains cold salt water aquaria as well as exhibits on whales, sharks, seabirds, seaweed, salmon, and habitats of the sanctuary.



## Local Ecology

### Descriptions of Local Ecology

*Repeat*

*Description from*

*Above Site*

*Description*

The Farallones Marine Sanctuary Association (FMSA) is located in the Historic Coast Guard Building along the waterfront of Crissy Field. The office has views of the Golden Gate Bridge, Alcatraz Island, and downtown San Francisco and the site includes a pier classroom for educational programming such as salmon dissections, plankton labs, squid print making, as well as research presentations on subjects such as deep sea corals and white shark tagging studies. Crissy Field Beach, part of the Golden Gate National Recreation Area is adjacent to the office with mole crabs, polychaete worms, shorebirds and California beach hoppers. The pier pilings are covered with seastars, barnacles, mussels, and there are Dungeness, red rock, and brown rock crabs milling about the base of the piers. Just down the beach, there is a rock wall with shorecrabs, chitons, gooseneck barnacles and anemones. The pier is great for sighting guillemots, loons, cormorants, pelicans, grebes, and scoters. The sanctuary campus is in the Presidio of San Francisco and is inside the Golden Gate National Recreation Area.



## Housing and Local Resources

### Housing Contact List

- Mentors* Free advice from SF residents Justin Holl (415) 561-6622 x308 & Peter Winch (415) 561-6625 x310 about neighborhoods and ways of navigating the search for housing. Also, we can put you in touch with past members (Rietta Hohman, Erica Warren, and Eugenia Clark) who all currently work at the Gulf of the Farallones Visitor Center.
- Presidio Housing Office* <http://www.presidio.gov/leasing/residentialleasing/livework/> The Presidio Housing Office has special live/work programs for Presidio employees.
- Craigslist SF* <http://sfbay.craigslist.org/> Some find it a little overwhelming, but a good starting point to get a feel for rents and neighborhoods.

### Local Resource Contacts

- Mentors/Sanctuary staff* Staff are very friendly and helpful. Let us know what you are looking for and we can at least steer you in the right direction. Examples: dentists, pick-up ultimate games, inexpensive excellent Vietnamese food, bike shops, cheap sporting equipment, connections to boat operators that work in the sanctuary, best video shop, best bakery, best hikes in the nearby area. Opinions abound.
- Metropolis Factor* You can find pretty much anything you need.



# Community Information

## Map of Area



## Community Demographics

Wikipedia [http://en.wikipedia.org/wiki/San\\_Francisco#Demographics](http://en.wikipedia.org/wiki/San_Francisco#Demographics)

## Community Services

Staff Can Advise Ask us for whatever you need. San Francisco (and the greater Bay Area) has lots to offer.



## **Entertainment and Community Events**

### **Resources for Affordable Entertainment Options**

Useful places to find free and cheap stuff:

FunCheapSF list – online list of mostly free activities in the Bay.

Yelp.com – useful for restaurants and stores.

Free papers – *Guardian* and *SF Weekly*.

SCRAP – a very inexpensive source for the resourceful. <http://www.scrap-sf.org/>

### **Recurring Event List**

Annual Sanctuary Volunteer Recognition Event

Annual Sanctuary Staff Holiday Party

Opportunities to Participate in Research or Education Cruises in the Sanctuary

## **Attachments**

**Contact Lists**

**Ed Logs & Information**

**ISP Logs & Information**

**Outreach Summaries & Information**

**Site Protocols & Information**

**Site Forms**