

## EXECUTIVE SUMMARY

### SF BAY SHOREBIRD SURVEY ASSESSMENT

---

DATE & TIME	Friday, 30 May 2014, 1:00pm to 5:00pm
LOCATION	Point Blue Conservation Science, 3820 Cypress Dr., Petaluma, CA

---

### MEETING PURPOSE

- Discuss the effectiveness of Pacific Flyway Shorebird Survey (PFSS) and contributing SF Bay Shorebird Survey (SFSS) in evaluating conservation actions and informing decision-making for the JV and its partners in SF Bay.
- Attending: SFBJV, SBSPRP, CDFW, SFBBO, FWS I&M, and Point Blue

---

### OBJECTIVES

- Increase awareness of PFSS data and data products
- Identify how the JV and partners use or could use PFSS data and data products
- Identify improvements for PFSS-SFSS design and data products to maximize value
- Identify opportunities for future collaboration

---

### SUMMARY

#### Background

- PFSS is a cost-effective, sustainable monitoring program led by Point Blue Conservation Science designed to guide the management and conservation of wintering shorebirds in the Pacific Flyway. It is a network of agencies/orgs with biologists and trained citizen scientists who collect wintering shorebird abundance and distribution data along the Pacific Flyway using standardized protocol. Data are stored online in the AKN and the project website ([www.pointblue.org/pfss](http://www.pointblue.org/pfss)) has tools for visualizing and summarizing data. The SF Bay Shorebird Survey is a major data contributor to the PFSS.

#### Partner Feedback

##### Getting the Right Data

- Need better habitat data preferably in a GIS.
- Consider multiple surveys per year at subset of sites (integrate with monthly surveys).
- Better information and protocol on survey-specific tidal conditions
- Need proportion of birds on South Bay Salt Pond (SBSP) compared to entire South Bay, Estuary, and Flyway scales.
- SBSP Triggers- 3 consecutive years below baseline conditions. Need to identify confidence.
- JV stepped down population targets pending decision by Science Committee
- Need to pull SBSP out of SFSS to compare trends within SBay and Baywide.

##### Getting Data Back Out

- Need ability to view shorebird summaries at different scales
  - Bay region (i.e., North, Central, and South Bay) and JV region
- Need abundance summaries by species, not just top 6 most abundant.
- Need summaries by guild or species group (e.g., small shorebirds)
- Contributors need ability to retrieve all their data.
- Mapping application
  - Change the symbol for zero birds (small gray circles) to differentiate from the symbol for cities.
  - Re-order smaller circles on top of larger circles
- Load partner site layer to generate summary reports.

##### Next Steps

- Present to JV Conservation Delivery Committee
- Integrate SBSP baseline/target monitoring with PFSS-SFSS
- Investigate ways to capture pond management data or pond conditions
- Work with Pond Management Working Group