



Central Valley Joint Venture Implementation Plan Update – Shorebird/Habitat Workshop

California Landscape Conservation Cooperative (CA LCC) Sponsored Workshop

Who: Central Valley Joint Venture Shorebird and Waterbird Working Group + LCC collaborators + guests

When: April 9th, 2014 10:00-4:00

Where: Delta Conservancy, 1450 Halyard Drive, Suite 6, West Sacramento

Goal: Discuss application of newly acquired data, recent published literature, on-line data resources, and current modeling efforts, including those supported by the California Landscape Conservation Cooperative, to update the Central Valley Joint Venture (CVJV) Implementation Plan for non-breeding shorebirds. The group will make key decisions to guide the planning process.

Agenda

I. Introductions and Background 10:00-10:30

1. Introductions, goals for day, and agenda review – Hickey (15 min)
2. CVJV Implementation Plan Update timeline and process – Ostroff (10 min)
3. Conservation planning framework – Hickey (5 min)

II. Population Energy Demand 10:30-11:15

1. Population Objectives (30 min)
 - Species considered – Iglecia (5 min)
 - Current objectives – Iglecia (5 min)
 - Central Valley Shorebird Survey – Strum (10 min)
 - Decisions (10 min)

Q: Revise objectives based on new information?

2. Bird Energy Needs (15 min)
 - Weighted body mass estimate – Iglecia (5 min)
 - Energetic need – Iglecia (5 min)
 - Decisions (5 min)

Q: Revise weighted body mass estimate based on new composition information (e.g. Central Valley Shorebird Survey, eBird)?

Q: Revise estimated energetic need based on published literature?



III. Population Food Energy Supplies

11:15-2:00 (with lunch break)

1. Habitat Acres (75 min)

- Base acres:
 - i. Wetland layer – Petrik (10 min)
 - ii. Agriculture layer (NAS compilation) – Kelsey (10 min)
- Water distribution and flooding schedules – Reiter (20 min)
- Water depth ratios – Sesser (10 min)
- Wetland constraint – Yarris (10 min)
- Decisions – (15 min)

Q: Combine new habitat data layers with water distribution layers and water depth ratios to get new estimates of habitat availability?

Q: Which ag types to include?

Q: Revise wetland constraint?

2. Habitat Foraging Values (30 min)

- Current values and assumptions – Strum (5 min)
- Literature review and key data sets – Strum (5 min)
- New data from Point Blue – Strum (10 min)
- Decisions – (10 min)

Q: Update for rice? Update for rice and wetlands?

Q: Modulate depletion assumptions?

IV. Scenarios

2:00-3:20

1. Drought – Reiter (30 min)

- DU waterfowl assessment – Petrik (10 min)
- Flooding schedules – Reiter (10 min)
- Daily energetic requirements – Reiter (5 min)
- Decisions – 5 (min)

2. Future/climate change – Fleskes/Matchett (20 min)

- Water supply and allocation
- Land use

3. Rice treatments (15 min)

4. Decisions (15 min)



Q: What is the necessary sequence of running different types of scenarios?

Q: What is the process for determining priority drought and climate change scenarios to assess?

(This discussion will include initial guidance from group on important feasible scenarios.)

Break

3:20-3:30

V. Timeline and next steps

3:30-4:00

1. Timeline for completion and back-casting of process – Hickey (15 min)
2. Review of action items and assignments – Hickey/Sesser (10 min)
3. Next meetings – Doster (5 min)