

# Technical Symposium on Avian-Solar Interactions

August 16, 2017 · Sacramento, CA

## AGENDA

**7:30 – 8:30**    **Registration**

**8:30 – 9:00**    **Opening Remarks**

Multiagency Avian-Solar Collaborative Working Group (CWG) Introduction  
*Sandra Brewer (BLM) and Amedee Brickey (USFWS)*

Avian Solar Work Group (ASWG) Introduction  
*Aimee Delach (Defenders of Wildlife) and Jodie Gless (Florida Power & Light)*

Agenda Review & Meeting Objectives  
*Karen Smith (Argonne) & Kathleen Rutherford (Pivot Point), Facilitators*

**9:00 – 10:30**    **Overview of Avian-Solar Interactions**

Regional Observations and Trends in Avian Monitoring and Mortality  
*Wally Erickson (WEST)*

Effects of Renewable Energy Development on Wildlife  
*Todd Katzner (USGS)*

Incorporating Avian Migratory Hotspots into the Prioritization of Alternative Energy Siting  
*Trevon Fuller (UCLA)*

**10:30 – 10:45**    **BREAK**

**10:45 – 12:15**    **Methods to Evaluate Impacts**

Pilot Survey of Background Avian Mortality across the California Desert Region  
*Amy Fesnock (BLM)*

Effects of Searcher Efficiency and Survey Coverage on the Precision and Accuracy of Fatality Estimates and Detection of Rare Fatalities  
*Gabriel Reyes (USGS)*

High-resolution Mapping of Population-specific Migratory Flyways Using DNA Sequencing  
*Rachael Bay (UCLA)*

**12:15 – 1:30**    **LUNCH** (“On your own”: A restaurant is located at the hotel and there are several nearby)

**1:30 – 3:30**    **Mechanisms of Avian-Solar Interactions**

Understanding Attraction by Birds to Utility-Scale PV Solar Facilities  
*Robb Diehl (USGS)*

MOSAIC Reflective Surfaces as Avian Collision Deterrents  
*Uma Sampathkumaran (InnoSense LLC)*

Evaluation of Avian Solar-Flux Hazards and Mitigation Measures at the Ivanpah Concentrating Solar Power Plant  
*Cliff Ho (Sandia National Laboratory)*

Evaluation of Wildlife Detection and Observation Technologies at Ivanpah  
*Robb Diehl (USGS)*

**3:30 – 3:45**    **BREAK**

**3:45 – 4:30**    **Program and Resource Overviews**

California’s Research Initiative on Avian-Solar Interactions is EPIC!  
*David Stoms (CEC)*

Overview of the Avian Knowledge Network  
*Michael Fitzgibbon (Point Blue)*

**4:30 – 5:00**    **Closing Remarks**

Multiagency Avian-Solar Collaborative Working Group Closing Remarks  
*Sandra Brewer (BLM) and Amedee Brickey (USFWS)*

Avian Solar Work Group Closing Remarks  
*Katie Umekubo (Natural Resources Defense Council) and Laura Abram (First Solar)*

**5:30 – 7:00**    **Reception and Poster Session**