
Event Agenda

2024 Wind Wildlife Research Meeting

Tue, Nov 12, 2024

11:30 AM - 5:30 PM	Registration Open Location: Pre-Function
12:30 PM - 2:30 PM	Incidental Eagle Take Permits 101 for Wind Energy Location: Nueces Ballroom A Speakers: Matthew Stuber, Kylan Frye
2:30 PM - 3:00 PM	Break Location: Pre-Function
3:00 PM - 5:00 PM	Eagle Rule Compensatory Mitigation Location: Nueces Ballroom A Speakers: Matthew Stuber, Kylan Frye
3:00 PM - 5:00 PM	Distilling the Green-Green Dilemma: Towards Conceptualizing Competing Stressors on Biodiversity Location: Nueces Ballroom B Speakers: Laura Dempsey, Jeff Clerc, Todd Katzner, Nate Fuller

Wed, Nov 13, 2024

7:30 AM - 5:15 PM	Registration Open Location: Pre-Function
8:00 AM - 7:00 PM	Exhibits Open Location: Pre-Function
8:00 AM - 7:15 PM	Poster Viewing Location: Corpus Christi Ballroom
8:00 AM - 9:00 AM	Networking Breakfast Location: Pre-Function
9:00 AM - 10:20 AM	Welcome & Keynote: Reconciling Conservation, Environmental Justice, and Energy Justice in the Pursuit of a Renewable Energy Transition Location: Corpus Christi Ballroom Keynote Speaker: Tony Reames
10:20 AM - 10:40 AM	Break with Sponsors & Exhibitors Location: Pre-Function

10:40 AM - 12:00 PM

Session 1: Risky Behavior — Assessing and Moderating Risk for Birds and Bats

Location: Corpus Christi Ballroom

Moderator: Amanda Hale ; Speakers: Seta Aghababian, Aaron Corcoran, Måns Karlsson, Jenny Taylor, Dorian Pomezanski, Isabel Gottlieb

Assessing Bat Spatial Activity and Detection Likelihood Near Wind Turbines

10:40 AM - 12:00 PM

Speaker: Seta Aghababian

No Evidence that Bats are Attracted to the Wakes of Wind Turbines at an Iowa Wind Facility

10:40 AM - 12:00 PM

Speaker: Aaron Corcoran

Radar-based monitoring of bird avoidance behavior at Block Island Wind Farm 2018-2021

10:40 AM - 12:00 PM

Speaker: Måns Karlsson

Does Size Matter? Investigation of the Effects of Wind Turbine Size on Bird and Bat Mortality.

10:40 AM - 12:00 PM

Speaker: Jenny Taylor

Comparison of bat activity and fatality data at operational wind facilities in Ontario and Alberta, Canada

10:40 AM - 12:00 PM

Speaker: Dorian Pomezanski

Developing and Evaluating a Smart Curtailment Strategy for Bats Integrated with a Wind Turbine Manufacturer Platform

10:40 AM - 12:00 PM

Speaker: Isabel Gottlieb

12:00 PM - 1:30 PM

Networking Lunch

Location: Corpus Christi Ballroom

Lunch n' learn: Grub n' Hub - REWI Research Hub Training

12:20 PM - 1:10 PM

Location: Nueces Ballroom A

1:30 PM - 2:50 PM

Session 2: Creative Avian Mitigation Solutions

Location: Corpus Christi Ballroom

Moderator: Dr. Chris Farmer ; Speakers: Hein Prinsen, Jeff Smith, Geoffrey Palmer, Julie Heath, Dr. Steve Slater, Dr. Vince Slabe

Paint it black!? Does a single black rotor blade reduce bird mortality?

1:30 PM - 2:50 PM

Speaker: Hein Prinsen

Automated detection and audio deterrence system reduces collision risk for eagles at two commercial wind energy facilities

1:30 PM - 2:50 PM

Speaker: Jeff Smith

Whooping Cranes and Predicting Power Line Collision Risk: Habitat, Relative risk, Absolute Risk

1:30 PM - 2:50 PM

Speaker: Geoffrey Palmer

Disease and ectoparasite management improve nestling golden eagle health and survival: An effective mitigation strategy

1:30 PM - 2:50 PM

Speaker: Julie Heath

Quantifying golden eagle-vehicle strike risk and mitigation in the western U.S.

1:30 PM - 2:50 PM

Speaker: Dr. Steve Slater

Efficacy of Non-lead Ammunition Distribution Programs to Offset Fatalities of Golden Eagles in Southeast Wyoming

1:30 PM - 2:50 PM

Speaker: Dr. Vince Slabe

2:50 PM - 3:10 PM

Break with Sponsors & Exhibitors

Location: Pre-Function

3:10 PM - 4:10 PM	Session 3: Eagle Permits, Monitoring, and Population Modeling in a Changing Regulatory Landscape Location: Corpus Christi Ballroom Moderator: Shawn Childs ; Speakers: Matthew Stuber, Eric Hallingstad, Simon Weller, Tara Conkling <div> Adapting eagle take permits to best available information 3:10 PM - 4:10 PM Speaker: Matthew Stuber Strategies for Efficient Eagle Fatality Monitoring Under the 2024 Eagle Rule 3:10 PM - 4:10 PM Speaker: Eric Hallingstad Permitted Take Implications Associated with the 2024 Eagle Rule 3:10 PM - 4:10 PM Speaker: Simon Weller Regional vulnerability of golden eagles to renewable energy production 3:10 PM - 4:10 PM Speaker: Tara Conkling </div>
4:10 PM - 4:40 PM	Special Session Location: Corpus Christi Ballroom
5:00 PM - 7:00 PM	Networking & Poster Reception Location: Pre-Function

Thu, Nov 14, 2024

7:30 AM - 5:00 PM	Registration Open Location: Pre-Function
8:00 AM - 3:30 PM	Exhibits Open Location: Pre-Function
8:00 AM - 3:30 PM	Poster Viewing Location: Corpus Christi Ballroom
8:00 AM - 9:00 AM	Networking Breakfast Location: Pre-Function
9:00 AM - 9:20 AM	Welcome to Day 2 Location: Corpus Christi Ballroom
9:20 AM - 10:40 AM	Session 4: Confronting the Climate and Biodiversity Crises with a Responsible Transition to Wind Energy Location: Corpus Christi Ballroom Moderator: Eric Schaubert ; Speakers: Paul Rabie, Christian Newman, Cris Hein, Claire Burch ; Panelist: Jamelle Ellis, Ph.D., Christi Calabrese, Ben Thatcher <div> Renewable energy’s potential to reduce global climate-mediated extinction risk 9:20 AM - 10:40 AM Speaker: Paul Rabie Financial Implications of Existing US Wind Facilities from Turbine Curtailment for Bats 9:20 AM - 10:40 AM Speaker: Christian Newman Using the Renewable Energy Potential model (reV) as a framework to evaluate wildlife considerations on renewable energy production, siting, transmission and deployment 9:20 AM - 10:40 AM Speaker: Cris Hein We’re all in this together: building better relationships in the environmental planning of wind energy 9:20 AM - 10:40 AM Speaker: Claire Burch </div>
10:40 AM - 11:00 AM	Break with Sponsors & Exhibitors Location: Pre-Function

11:00 AM - 12:30 PM

Session 5: Leveraging Existing Data Towards Proactive Conservation

Location: Corpus Christi Ballroom

Speakers: Meaghan Gade, Andrew Wilk, Rhett Good, Teresa Bohner, Ashton Wiens, Faith Kulzer, Michael Sullivan ;

Panelist: Quintana Hayden, Karen Herrington

Bird and Bat Fatality - Insights from Combined Efforts and an Integrated Model

11:00 AM - 12:30 PM

Speaker: Andrew Wilk

Twenty years and 600 post-construction monitoring studies – what have we learned?

An overview of the results of the USFWS and ACP meta-analysis, and how the information can be used to inform monitoring strategies.

11:00 AM - 12:30 PM

Speaker: Rhett Good

A hierarchical estimation of turbine-level multi-species bat fatality accounting for heterogeneous search efforts

11:00 AM - 12:30 PM

Speaker: Teresa Bohner

National analysis of bat fatality at wind energy facilities

11:00 AM - 12:30 PM

Speaker: Ashton Wiens

Trends in Tree Bat Abundance Using Post-Construction Monitoring Fatality Rates as a Proxy

11:00 AM - 12:30 PM

Speaker: Faith Kulzer

Let's make green MW's and Hoary Bats co-exist

11:00 AM - 12:30 PM

Speaker: Michael Sullivan

12:30 PM - 2:00 PM

Networking Lunch

Location: Corpus Christi Ballroom

2:00 PM - 3:20 PM

Session 6: Smart Curtailment in Action — Results from Real World Implementation on Wind Farms

Location: Corpus Christi Ballroom

Moderator: Mona Doss ; Speakers: Roger Rodriguez, Michael Whitby, Eran Amichai, Paul Howden-Leach,

Aleksandra Szurlej-Kielanska

Improving on the balance between bat fatality reduction and maximization of wind energy production with operational modifications of the EchoSense smart curtailment system

2:00 PM - 3:20 PM

Speaker: Roger Rodriguez

Comparing Costs and Benefits of Discordant Bat Minimization Efforts: A case study with TIMR

2:00 PM - 3:20 PM

Speaker: Michael Whitby

TIMR: acoustically activated smart curtailment to reduce bat fatalities

2:00 PM - 3:20 PM

Speaker: Eran Amichai

Acoustic-Triggered Curtailment for Bats with the SMART System – a Case Study from the UK

2:00 PM - 3:20 PM

Speaker: Paul Howden-Leach

Effectiveness of bird protection against collisions on wind farms thanks to on-demand shutdowns. Case study from wind farms with BPS system installed

2:00 PM - 3:20 PM

Speaker: Aleksandra Szurlej-Kielanska

3:20 PM - 3:40 PM

Break with Sponsors & Exhibitors

Location: Pre-Function

3:40 PM - 5:00 PM

Session 7: Integrating Wildlife Monitoring and Minimization Technologies into Wind Energy Development Processes

Location: Corpus Christi Ballroom
Moderator: Cris Hein ; Speakers: Kate Williams, Julia Robinson Willmott, Debby Barbé, Misti Sporer, Brogan Morton

	Constraints and opportunities for deployment of bird and bat monitoring technologies on offshore wind turbines 3:40 PM - 5:00 PM Speaker: Kate Williams
	Lessons learned from the CVOW Pilot Project on deployment of offshore wildlife monitoring systems 3:40 PM - 5:00 PM Speaker: Julia Robinson Willmott
	Integration of Wildlife Monitoring Requirements into Power Purchase Agreements and Project Planning 3:40 PM - 5:00 PM Speaker: Debby Barbé
	An industry perspective on how to successfully integrate technologies with land-based wind turbines 3:40 PM - 5:00 PM Speaker: Misti Sporer
	Lessons learned from integrating camera systems and ultrasonic deterrents at wind energy facilities 3:40 PM - 5:00 PM Speaker: Brogan Morton

Fri, Nov 15, 2024

7:00 AM - 3:00 PM

Field Trip: Birding & Banding at Big Tree
Location: Offsite
Speakers: Sara Weaver, Rebekah Rylander, Paityn Macko

8:00 AM - 1:00 PM

Field Trip: Habitat and Conservation of Whooping Cranes
Location: Offsite
Speakers: Rosa Palmer, Nick Morgan, Chad LeBeau, Mary Lee