Advancing Collaborative Science on Renewables & Wildlife

REWI is an independent nonprofit convening the renewable energy industry, conservation/science communities, and public agencies to develop and leverage peer-reviewed science on key questions for renewable energy, wildlife, and ecosystems.

REWI's work is essential to expanding America's renewable energy resources and protecting wildlife and ecosystems.



ESSENTIAL COLLABORATION

REWI convenes leading voices to develop the pivotal questions and science leading to practical solutions. This collaborative model embraces a variety of perspectives for a comprehensive approach involving:

- Conservation/science organizations
- Renewable energy industry
- Science advisors
- Universities/academics
- State/local regulatory groups
- Federal agencies
- National labs
- Consultants



ACTIONABLE SCIENCE

REWI produces peer-reviewed science and develops information-sharing platforms to address pressing questions for renewables and wildlife. Work includes:

- **16+ years advancing results for wind energy and wildlife** by evaluating and documenting risk, assessing solutions, and developing compensatory mitigation options.
- **Reframing the approach to solar-wildlife research** by viewing PV solar as an ecosystem and investigating the benefits of co-locating solar and wildlife.
- **Synthesizing and disseminating research results** with interactive databases where users can view, add, and engage with renewables-wildlife research, products, and resources.

REAL WORLD IMPACT

REWI's work informs actionable strategies for developing renewable energy and protecting wildlife and ecosystems. These impacts are created by:

- **Disseminating science** through events that bring research results to decisionmakers.
- **Informing responsible renewable energy development** with peer-reviewed science on policy-relevant species and strategies.
- **Leveraging outreach networks to magnify impact** by building a cross-sector knowledge base on renewables and wildlife.



RESEARCH: RESULTS & ONGOING INITIATIVES

WIND ENERGY & WILDLIFE

- **Painting wind turbine blades:** Partnering on highly anticipated PacifiCorp-led study investigating the effects of painting one wind turbine blade black on bird and bat fatality rates.
- **Assessing risk for hoary bats:** Conducting literature review and identifying key research needs; Published in *The Journal of Mammalogy* in September 2026
- **Enhancing REWI's American Wind Wildlife Information Center (AWWIC):** Anonymized repository of detailed post-construction monitoring data; Updated technical reports published 2025-2026,

SOLAR ENERGY, WILDLIFE, & ECOSYSTEMS

- **Creating a regional research strategy for the southeastern United States:** Identifying project partners and relevant regional stakeholders; Whitepaper published October 2026
- **Developing the SolSource Database:** Prototyping community resource of solar, wildlife, and ecosystem data; Contributions welcome.

INTERACTIVE DATABASES

- **Synthesizing and analyzing** publications, websites, datasets, programs, organizations, and technologies in the REWI Research Hub and Technology Catalog; Contributions welcome.

KEY RESOURCES

States of the science outlining current understanding:

- Wind Energy-Wildlife Interactions
- Solar Energy-Wildlife Interactions

Research plans prioritizing key pressing questions:

- National Wind Wildlife Research Plan
- National Solar Wildlife Research Plan

Interactive databases synthesizing research products and resources:

- REWI Research Hub
- REWI Technology Catalog
- American Wind Wildlife Information Center (AWWIC)
- SolSource Database *(in development)*

INTERESTED IN ENGAGING WITH REWI?

To learn more about REWI and opportunities for your organization, contact REWI Outreach Manager Megan Goldsmith mgoldsmith@rewi.org.

View Online



REWI'S WORK WOULD NOT BE POSSIBLE WITHOUT THE SUPPORT OF OUR PARTNERS AND FRIENDS

REWI is an independent 501(c)3 organization that develops and leverages scientific research around renewable energy interactions with wildlife, habitats, and ecosystems. Built on a partnership of energy companies, conservation and science organizations, and public agencies, REWI develops innovative approaches and independent results that advance renewable energy expansion while meeting conservation goals.