

Resources

Toxicity, Decommissioning, and Recycling:

- Agricultural Impact Mitigation Agreements Landing Page: [Agricultural Impact Mitigation Agreements](#)
- Article on Waste Generation: [How much waste do solar panels and wind turbines produce?](#)
- Comment on Solar Toxicity: [Unfounded concerns about photovoltaic module toxicity and waste are slowing decarbonization | Nature Physics](#)
- Scientific Paper on Solar during Extreme Weather: [Solar PV systems under weather extremes: Case studies, classification, vulnerability assessment, and adaptation pathways - ScienceDirect](#)
- Scientific Paper on how Solar could Help Building Adapt to Wind Extremes: [Retrofitting building roofs with aerodynamic features and solar panels to reduce hurricane damage and enhance eco-friendly energy production - ScienceDirect](#)
- Scientific Paper on How Hail Affects Solar: [The vulnerability of solar panels to hail](#)
- Fact Sheet on Soil and Water Contamination: [Soil and water contamination from renewable energy | Fact sheets](#)
- Forbes Article on Renewable Waste and E-Waste: [If Solar Panels Are So Clean, Why Do They Produce So Much Toxic Waste?](#)
- Article Comparing Coal Ash and Oily Sludge to Solar: [PV Waste a 'Drop in the Ocean' Compared to Toxic Coal Ash, Oily Sludge](#)

Placement, Zoning, Sound, Size

- Article on Energy Cost: [Lazard says fossil fuel costs double that of utility-scale solar – pv magazine International](#)
- Lazard Report on Cost of Energy: [LEVELIZED COST OF ENERGY+](#)
- Illinois EPA: [Sound Emission Standards And Limitations For Property Line Noise Sources](#)
- Paper on Solar Array Sounds: [NOISE-CON 2020 An overview of sound from commercial photovoltaic facilities](#)
- Study on Solar Sound Impact: [A BRIEF STUDY OF THE ACOUSTIC IMPACTS OF SOLAR POWER GENERATION FACILITIES](#)
- Illinois Legislation on Solar and Wind Set Backs: [55 ILCS 5/5-12020](#)

- Study on the Effect on Low Frequency Sound: [Effects of low-frequency noise from wind turbines on heart rate variability in healthy individuals | Scientific Reports](#)
- Guidelines for Wind Siting: [Guidelines for Selecting Wind Turbine Sites](#)

The Environment and Wildlife

- Fact Sheet on a GHG Analysis of Different Energy Sources: [Life Cycle Greenhouse Gas Emissions from Electricity Generation: Update](#)
- Article on Solar Component Recycling: [Role of recycling for resilient solar photovoltaic supply chains | IEEFA](#)
- WHO Critical Minerals Assessment: [CRITICAL MINERALS AT A CRITICAL MOMENT](#)
- Article on the Mining Footprint for Clean Energy: [Updated Mining Footprints and Raw Material Needs for Clean Energy](#)
- Assessment Looking at US Bird Populations and Health: [STATE OF THE BIRDS REPORT UNITED STATES OF AMERICA](#)
- Article that Acknowledge that Solar and Wind does Impact Wildlife (including to help energy developers and policy makers understand the nuances): [All that glitters – Review of solar facility impacts on fauna - ScienceDirect](#)
- Article on Illinois Birds: [How are Illinois birds faring? – News Bureau](#)
- Research Article on Impact of Climate Change and Land-Use on Birds: [Projected Impacts of Climate and Land-Use Change on the Global Diversity of Birds | PLOS Biology](#)
- Research on How to Minimize Bird Fatalities in Wind Energy: [Automated monitoring for birds in flight: Proof of concept with eagles at a wind power facility - ScienceDirect](#)
- Article Reviewing Research to Reduce Bird and Turbine Collision: [Birds vs. Wind Turbines: New Research Aims to Prevent Deaths - Yale E360](#)

Agriculture and Property Values

- American Farmland Trust Solar Soil Health Guide: [Solar Soil Health Guide](#)
- Best Practices For Solar and Stormwater Management: [Best Practices: Photovoltaic Stormwater Management Research and Testing \(PV-SMaRT\)](#)
- Article about Stormwater Management in Solar Arrays: [Solar farms with stormwater controls mitigate runoff, erosion, study finds | Penn State University](#)