

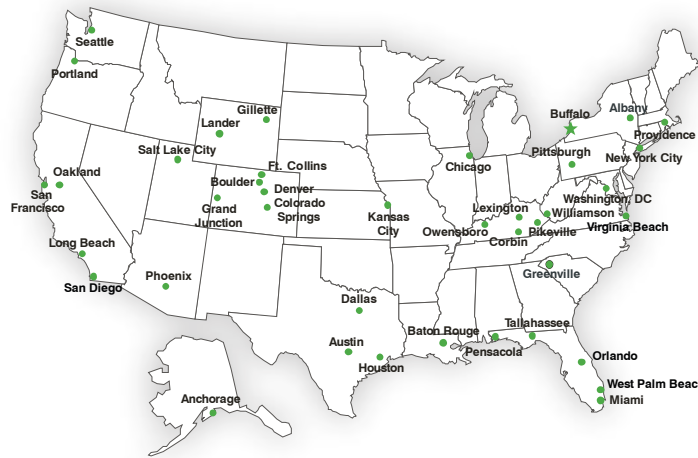
Services

- Pre- and Post-Construction Surveys
- Active and Passive Acoustic Monitoring
- Habitat Assessment
- Mist-Netting
- Acoustic Data Analysis
- Research of Available Data
- Species Identification
- DNA Analysis to Confirm Species Identification
- Radio Tagging and Telemetry
- Hibernacula Surveys
- Critical Issues Analysis/Risk Assessment
- Take Permits and Habitat Conservation Plans
- Permitting and Compliance Related to NEPA, ESA, etc.
- Humane Bat Exclusion and Roost Site Replacement



Biologist checking bat acoustic monitoring equipment

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Innovative Methods to Address Bat Concerns



Who Are We?

We are more than 1,100 environmental professionals in 85 engineering and scientific disciplines in 40 offices in the U.S. and 14 international locations. E & E has been recognized as one of the Top 20 All-Environmental Companies worldwide by Engineering News-Record, and as one of America's best-managed small companies by both Forbes and Fortune magazines.

Our Experience

Concern for the protection of bats has resulted in extensive government regulation and heightened public scrutiny of projects that may affect bat species. Our bat biologists are experts in survey methods and can help identify potential bat issues, assess potential impacts, and suggest measures to reduce project-related risks.

We have extensive experience with bats and wind farm projects. In areas where bats may present challenges for development projects, E & E has worked closely with clients and government agencies to assess potential impacts on unlisted and threatened and endangered bat species.

Our bat experience ranges from coast to coast, including: *Arkansas, California, Colorado, Illinois, Indiana, Iowa, Kansas, Michigan, Missouri, Montana, Nebraska, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Texas, Utah, Virginia, and Wyoming.*

Our Services

Site Habitat Assessment

Early identification of potential environmental issues is key when trying to keep projects on schedule and within budget. E & E can identify potential habitats for endangered bats and develop an ideal permitting strategy for your project.

Acoustic Monitoring

E & E has specialists in passive and active acoustic bat monitoring. We can analyze echolocation call data to identify bat species that occur within your project area. Call analyses can be used to assess site-specific trends in bat activity.

Mist-Netting

E & E bat biologists possess the necessary state and federal permits to conduct mist-netting surveys for endangered bat species.

Radio-Telemetry

Telemetry methods for determining core use areas of bats can help reduce project-related risks. E & E bat biologists can use radio-telemetry to identify bat-sensitive locations within your project area.

Bat Exclusion

E & E can assess concerns regarding bats roosting in buildings. We can facilitate and guide humane bat exclusions and the installation of artificial bat houses/structures.

Abandoned Mines

E & E can identify and assess the use of abandoned mines by bats through methods such as mist-netting and acoustic monitoring. We can also recommend proper gating and closure methods.

Our Services (cont.)

Habitat Conservation Plans (HCP) and Incidental Take Permits (ITP)

E & E has been involved in numerous wind farm projects with the potential to impact the federally endangered Indiana bat. We have provided agency consultation and developed HCPs and Section 10 ITPs for confidential wind farm projects while preparing a third-party Environmental Assessment on behalf of U.S. Fish and Wildlife Service to address the environmental impacts of the proposed issuance of an ITP and associated HCP for the Indiana bat.

It is crucial that bat-related issues be identified and thoroughly assessed in order to minimize potential impacts on bats, avoid serious project delays, and ensure regulatory compliance.

