

> Avian & Bat Services



ECT has nationally-recognized experts in the fields of bat and avian biology who are experienced with all facets of bat and avian research from initial desktop analysis to completion of multi-year surveys, modeling, and preparation of Habitat Conservation Plans (HCP). By guiding our clients and partners through the regulatory process we can help minimize financial snags and schedule delays during project completion.

PRELIMINARY & COMPREHENSIVE RISK ASSESSMENT

- Broad ecological & landscape level analyses
- Focused assessment of critical avian & bat habitat resources
- Detailed assessment of at-risk species

PRE-CONSTRUCTION MONITORING STUDIES

- Comprehensive GIS analysis & constraints mapping
- Habitat & occupancy modeling
- Nest resource assessment & aerial nest surveys
- Acoustic & mist-net surveys
- Radio telemetry & tracking



AGENCY & COMPLIANCE COORDINATION

- State agency species consultation
- Section 7 & 10 Endangered Species Act consultation
- Biological assessments
- Habitat Conservation Plans
- Incidental Take Permits (ITP)
- Bird & bat conservation strategies & mitigation
- Wildlife conservation strategies
- Eagle management plans
- Technical assistance letter (TAL) preparation
- Estimated take modeling (e.g., eagles, bats)

POST-CONSTRUCTION MORTALITY MONITORING

- Monitoring under a TAL
- Long-term monitoring under an ITP/HCP
- Evidence of absence modeling

SOME OF THE SPECIES IN WHICH OUR TEAMS SPECIALIZE:

- Indiana Bat
- Northern long-eared bat
- Gray bat
- Burrowing owl
- Whooping crane
- Piping plover
- Bald & Golden eagle
- Lesser & Greater prairie-chicken
- Greater & Gunnison sage-grouse
- Red-cockaded woodpecker
- Black-capped vireo
- "Least" Bell's vireo
- Golden-checked & Kirtland's warbler