

# Wildlife and Solar Energy



## Wildlife Assessments, Surveys, and Monitoring

BRI has decades of experience performing wildlife survey and assessment work that is prerequisite to commercial solar energy permitting and development. Our staff are intimately familiar with the distribution, ecology, and behavior of a wide variety of species that are relevant to solar energy projects. BRI staff can provide project managers, environmental consultants, and engineers a detailed inventory of species inhabiting proposed project areas, particularly those with regulatory implications.



BRI biologists design and conduct wildlife surveys needed to evaluate species presence and use patterns, and to assess risks that projects may pose to wildlife. We produce technical summary reports that exceed typical industry standards. Our products and expertise inform discussions on ways to avoid, minimize, or mitigate the potential impacts of proposed solar projects on wildlife.

BRI's approach is to facilitate early and open dialog between agency biologists and managers of renewable energy facilities. Through a collaborative process, using the best available science, BRI helps to develop innovative solutions to complex problems.



### *BRI's field capabilities include:*

- Extensive expertise in the natural history of New England flora and fauna relevant to assessing potential impacts of proposed projects
- Threatened and endangered species surveys
- Bird surveys using point counts, area searches, roadside surveys, remote cameras, and passive acoustic monitoring
- Bat maternity, migration, and hibernacula surveys using mist netting, radiotracking, and acoustics
- Surveys for invertebrates, fish, reptiles, amphibians, pollinators, and plants
- Capture of birds and bats using mist netting, night lighting, audio lures, and other methods
- Wildlife marking, tracking, and movement modeling
- Animal behavior and disturbance studies
- Extensive working relationships with regulatory agencies, developers, engineers, scientists, and consultants



*\*BRI research is conducted with all applicable federal and state permits, and Institutional Animal Care and Use Committee (IACUC) approval.*



### PROJECT CONTACT

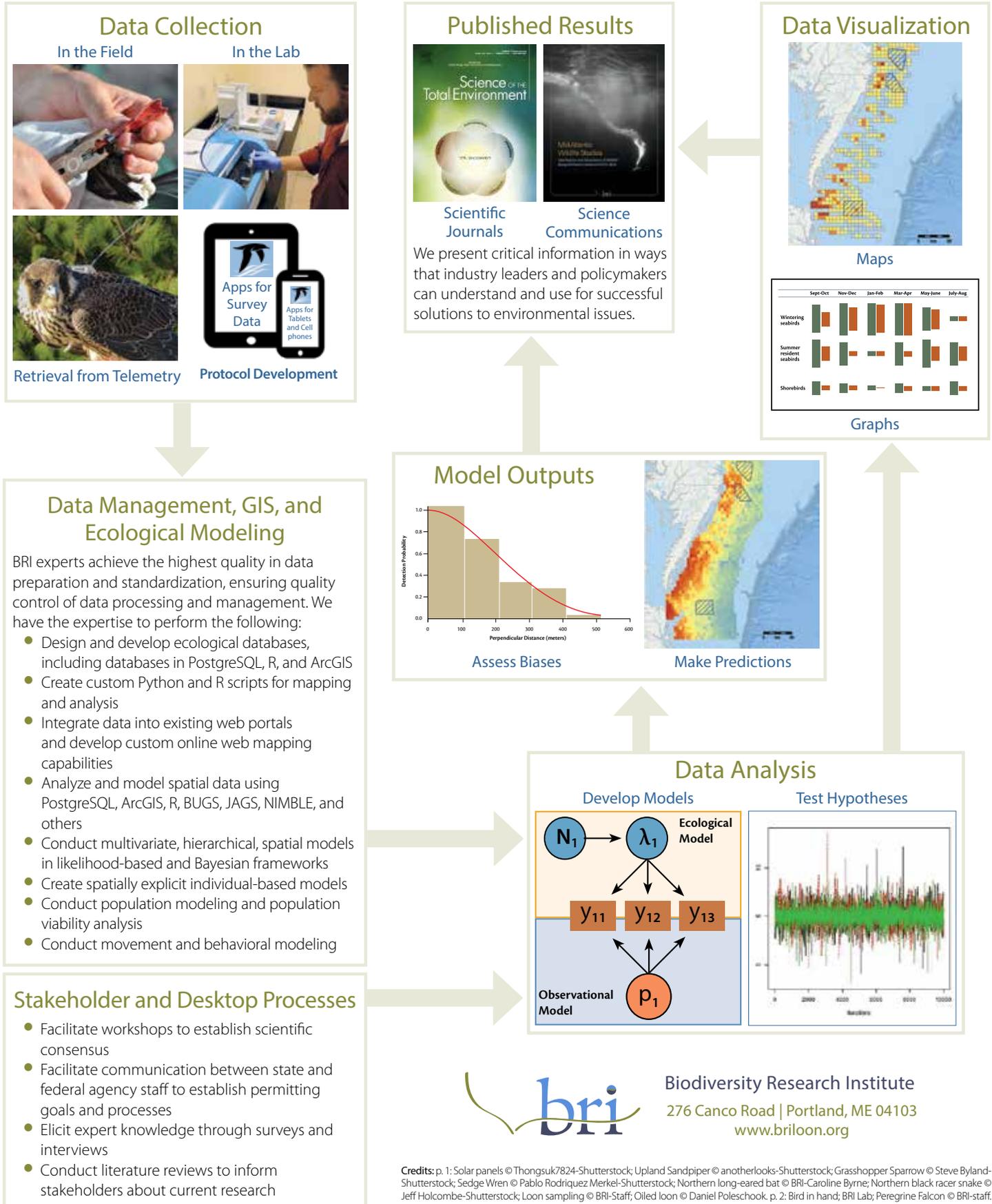
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### CONTRIBUTING STAFF

Evan Adams—*Movement Modeling* • Bill Hanson—*Wildlife Biology* • Edward Jenkins—*Avian Ecology* • Chris Persico—*Raptors* • Kevin Regan—*Shorebirds/Wetlands* • Tim Welch—*Fish* • Dave Yates—*Mammals*

# Data Science and Communication

BRI's reputation and integrity are founded on the quality of our work. Throughout every stage of the scientific process—from data collection, to analysis, interpretation, and dissemination—we follow strict protocols and adhere to best practices to provide decision makers with the most accurate information.



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