

Research and Monitoring Guidelines

Bosque del Apache National Wildlife Refuge

The contact for research and monitoring proposals on the Bosque del Apache National Wildlife Refuge is:

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- Research and Monitoring proposals considered by Bosque del Apache National Wildlife Refuge should have a strong applied management component. Research proposals not focusing on applied management are considered if refuge resource inputs, such as personnel or facilities, are not required.
- New Research and monitoring proposals should be received no later than March 1st. Proposals are considered and permits issued by March 15th.
- Annual progress or final reports are required for continued access to the refuge for research and monitoring. Progress reports for multi-year projects are also due by March 1st and must be accompanied by a written request for permit renewal. Use the Permit Application Form (below) for additional information or changes to the original proposal. Permits for continuous projects will not be issued for multi-year projects if progress reports are not received. Final reports are also required for all projects conducted on the refuge. A copy of a thesis or dissertation is an acceptable final reporting document. Copies of publications resulting from research or monitoring should be forwarded to the refuge, attention Refuge Biologist. Proposals received from institutions failing to meet past progress and final reporting requirements will not be considered. It is recommended that researchers participate in the annual poster symposium at the Festival of the Cranes during November. A copy of the symposium poster (electronic or paper format) along with a request for permit renewal fulfills the annual progress report requirement, although we must also receive written reports when projects are completed.
- Researcher housing is available but limited. Researcher vehicles are also available but limited. Priority is given to projects which focus directly on applied management issues. Proposals should outline the need for housing and/or use of refuge vehicles.
- Completion of the research permit application form (below) is required. Please submit the summary form electronically (email or on disk) in a word processor format (not pdf). Response boxes can be expanded to fit the necessary information. Additional documents, such as maps or full proposals, are optional and can be submitted in either paper or electronic format.

Bosque del Apache National Wildlife Refuge Research Permit Application

Please submit this form electronically in a word processor format. Boxes can be expanded to meet information needs. Additional documents, such as maps and full proposals, can be provided in paper or electronic formats if necessary.

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|---|----------------------------------|--------------------------------------|---|--|
| Principle Investigator | | | | |
| <small>Note: For graduate students, PI will be the student's advisor.</small> | | | | |
| First Name | | Last Name | | Other Researcher Names (Sub-permittees) |
| | | | | |
| Organization Name | | Address 1 | | Address 2 |
| | | | | |
| City | | State or Province | | Postal Code |
| | | | | |
| Email Address(es) | | | Phone Number(s) | |
| <small>Note: Multiple email and phone information can be entered for each contact. Please specify who each contact is for.</small> | | | | |
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| Project Title | | | | |
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| Brief Project Description (1-3 line description to be used by Refuge as summary information) | | | | |
| | | | | |
| Background, Justification, and Relationship to Applied Management | | | | |
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| Objectives and Hypotheses | | | | |
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| Procedures (including field sampling methods, markers or materials located in the field, and data analysis) | | | | |
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| Cooperators and Responsibilities | | | | |
| | | | | |
| Funding Sources/ Research or Monitoring Budget | | | | |
| | | | | |
| Expected begin date (Yr/Mo) | Expected End date (Yr/Mo) | Expected Dates on Refuge (Mo) | Progress Report Dates | Expected Final Report Date |
| | | | | |
| Housing Requested? If yes, specify numbers of persons | | | Vehicle Description(s) or Needs | |
| | | | | |
| Location Description (For instance "Active Floodplain," "Managed Floodplain," "Unit 30," etc.) | | | GIS/GPS file provided? (If yes, provide file name. If no, specify here and provide information below.) | |
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| <small>Note about location information: If you're uncertain at this time of specific study sites, please provide as much detail as you can about site requirements and note that you are conducting reconnaissance. We will require specific location descriptions and site waypoints as soon as they are identified or by the first progress report. For spatial data, we prefer .shp files, but can accept some .kml and .gpx files. We also prefer lat/lon data in decimal degree format (e.g. ###.####) and NAD83 projection. Otherwise, use table below and add rows as necessary.</small> | | | | |
| Waypoint Projection | Waypoint ID | Latitude/UTM Northing | Longitude/UTM Easting | Comment or Description |
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(rev. 3/25/2009)