

Natural Resources Specialist I-II-III-IV (Fisheries Research Biologist)

Salary	\$3,345.13 - \$5,020.26 Monthly	Location	Mountain Home, TX
Job Type	Regular Full Time	Division	Inland Fisheries
TPWD Job Number	17-00691	Branch	INLAND FISHERIES RESEARCH
Closing	8/17/2017 11:59 PM Central		

Hiring Contact: Dan Daugherty, (830) 866-3356 ext. 211

Work Address: TPWD Heart of the Hills Fisheries Science Center, 5103 Junction Highway, Mountain Home, TX 78058

General Description

Under the direction of the Project Leader, this position is responsible for planning and conducting applied freshwater fisheries research to better understand and manage fisheries and aquatic resources in the state. Responsibilities include developing and conducting field and/or laboratory studies; analyzing fisheries, habitat, and watershed data; evaluate management strategies for natural resources; and disseminate research findings through presentations and peer-reviewed scientific articles. Assists in directing a team of technicians, and/or seasonal workers, interns and volunteers. Represents the Fisheries Science Center on various Division task forces or review boards as needed. Performs additional duties as assigned. Complies with all Agency, Division and Branch rules, regulations and procedures.

TPWD Job Posting Number: 17-00691

MINIMUM QUALIFICATIONS:

Education:

Graduation from an accredited college or university with a Bachelor's degree in Fisheries Biology, Aquatic Biology, Aquatic Ecology or closely related field.

Experience:

NRS I: No experience;

NRS II: Two years relevant experience;

NRS III: Six years relevant experience;

NRS IV: Ten years relevant experience.

Licensure:

If driving is required, applicant must possess a valid State driver's license.

ACCEPTABLE SUBSTITUTIONS:

Experience:

Graduation from an accredited college or university with a Master's degree in Fisheries Biology, Aquatic Biology, Aquatic Ecology, or closely related field may substitute for one year of the required experience;

Graduation from an accredited college or university with a PhD degree in Fisheries Biology, Aquatic Biology, Aquatic Ecology, or closely related field may substitute for two years of the required experience.

PREFERRED QUALIFICATIONS:

Education:

Graduate degree from an accredited college or university in Fisheries Science or related Biological Science.

Experience:

Preference given to individuals that have research experience in one or more of the following areas: fish habitat, biostatistics, geographic information systems (GIS).

KNOWLEDGE, SKILLS and ABILITIES:

NRS I:

- Knowledge of basic ecological principles;
- Knowledge of flora and fauna of Texas and their ecosystems;
- Knowledge of Texas aquatic organisms and their ecosystems;
- Knowledge of basic statistical analysis techniques;

NRS II:

- Knowledge of NRS I, PLUS:
- Knowledge of applicable laws, regulations, and policies concerning conservation of fish and wildlife resources and their habitat;
- Knowledge of fish biology, fisheries science, and principles of watershed ecology;
- Knowledge of experimental design and implementation;
- Knowledge of Geographic Information Systems (GIS);

NRS III:

- Knowledge of NRS II, PLUS:
- Knowledge of threats to ecological integrity and appropriate management and policy approaches to address them;

NRS IV:

- Knowledge of NRS III, PLUS:
- Knowledge of advanced data analysis techniques;

NRS I:

- Skill in using MS Word, Excel and Outlook;
- Skill in using personal computers and office software including database and analytical software;
- Skill in effective verbal and written communication;
- Skill in interacting and communicating effectively, both orally and in writing, on technical issues to diverse groups including TPWD staff, the public, and scientific audiences;
- Skill in planning and preparing research proposals;
- Skill in conducting surveys, investigative research, and studies; analyzing natural resources samples and in preparing concise reports;
- Skill in GIS data collection and analysis;
- Skill in basic statistical methods used for analyzing and interpreting natural resource data;
- Skill in reviewing, interpreting, summarizing, and commenting on technical documents;
- Skill in establishing and maintaining effective work relationships with co-workers and work-related contacts;

NRS II:

- Skill of NRS I, PLUS:
- Skill in managing several projects simultaneously;
- Skill in developing original research questions and conducting research with application to fisheries resource management needs;

NRS III:

- Skill of NRS II, PLUS:
- Skill in planning and preparing project budgets;
- Skill in developing goals and objectives;

NRS IV:

- Skill of a NRS III, PLUS:
- Skill in developing, coordinating and implementing research and applied management projects from conceptualization to implementation of results;
- Skill in planning, assigning and/or mentoring the work of less experienced staff;
- Skill in advanced skills in data analysis;

NRS I:

- Ability to conduct statistical analysis of natural resources data; including preparation of technical reports and manuscripts suitable for publication in peer-reviewed, scientific journals;
- Ability to work as a member of a team;
- Ability to assist in direction of technical staff;
- Ability to review, interpret, summarize, and comment on technical documents;

- Ability to perform manual labor including, lifting supplies and materials up to 50 lbs.;
- Ability to conduct work activities in accordance with TPWD safety program;
- Ability to work under moderate supervision, with limited latitude for the use of initiative and independent judgment;

NRS II:

- Ability of NRS I, PLUS:
- Ability to plan fieldwork, including habitat assessments and measuring ecological outcomes;
- Ability to work under general supervision, with moderate latitude for the use of initiative and independent judgment;

NRS III:

- Ability of NRS II, PLUS:
- Ability to communicate and constructively interact with state, federal and private resource and conservation organizations, academic institutions, and the public regarding department programs and activities;
- Ability to work under limited supervision, with considerable latitude for the use of initiative and independent judgment;

NRS IV:

- Ability of NRS III, PLUS:
- Ability to assist with administrative duties;
- Ability to work under minimal supervision, with considerable latitude for the use of initiative and independent judgment.

Additional Information

WORKING CONDITIONS:

- Required to work from 8:00 a.m. to 5:00 p.m., Monday through Friday;
- Required to work on holidays, weekends and hours other than 8:00 a.m. to 5:00 p.m. as necessary;
- Required to work overtime as necessary;
- Required to perform manual labor including, lifting supplies and materials up to 50 lbs.;
- May be required to operate a State vehicle;
- Required to travel 25% with possible overnight stays;
- Non-smoking environment in State office buildings and vehicles.

ADDITIONAL REQUIREMENTS:

In order to be considered for this position, the following information is required:

- Submission of a completed online application;
- Work history experience MUST be completed in the online application;
- A scanned copy of official college transcript(s) issued from the registrar must be attached to the online application (if applicable);
- Applicants must attach a DD214 or other supporting documentation to the online application to claim Veterans Preference.

NOTE: Resume and professional references may be attached to the online application, but not in place of the completed application.
A skills test may be conducted at time of interview.

Army 72, 92

Navy Meteorology and Oceanography, Restricted Line (Information Dominance)

Coast Guard MST, 790, 72

Marine Corps 68, 88

Air Force 1W, 8E, 9S, 15

http://www.hr.sao.state.tx.us/Compensation/MilitaryCrosswalk/MOSC_NaturalResources.pdf
