

Class Concept

Employees in this class perform professional work in environmental planning, impact assessment or design and conduct environmental studies. Work is multi-disciplinary and assignments address moderate to complex environmental issues, problems and/or projects. Employees may conduct professional level environmental tests and/or research; assess, analyze and manage collection techniques/data; assist clients with compliance issues; seek remediation; manage projects in the area of assignment which may include the supervision of others and/or monitoring of a contract (including financial management plans); participate in city/regional land use planning; work collaboratively with clients in problem-solving issues. Projects, contracts or studies may be long-term. Employees are involved with report preparation to identify trends, assess or evaluate environmental problems, facilities, or proposed regulations, and to outline alternatives or recommendations to program management. Organizes and may supervise the work of others.

Recruitment Standards

- Thorough skill and knowledge in the area of assignment with expertise in State and Federal rules and regulations; thorough knowledge of the program area procedures, methods and practices; may be considered the subject matter expert in the area of assignment and must be able to conduct independent research.
- Perform environmental tests, procedures and experiments on the more complex and non-routine situations with precedent setting guidelines and analysis; must develop or modify existing procedures to non-routine situations and set the standard for statistical analysis; must interpret and evaluate results and be able to present conclusions.
- Coordinate complex environmental programs and manage resources, which may include a budget, and monitor activities associated with program goals; manage multiple projects and supervise the work of other environmental staff; evaluate and even create program objectives, methods and quality control measures.
- Consult and make recommendations in the environmental policy; effectively convey information and present ideas to individuals and groups; present program summaries, adhere to reporting requirements and contribute to the writing of publications and reports; conducts or collaborates in the design of original research, writes grant/contract proposals and makes professional presentations.

Knowledge, Skills, and Abilities

- Thorough knowledge of the scientific principles related to the area of assignment and related fields.
- Thorough knowledge of the research process.
- Thorough knowledge of data gathering techniques and procedures.
- Ability to analyze, manipulate and evaluate information/data, including the use of software.
- Ability to formulate or assist in the development of management alternatives and recommendations.
- Ability to communicate with the general public and clients of the Division.
- Ability to organize and direct complex contracts or research studies/projects.
- Ability to organize and supervise the work of others.

Minimum Education and Experience

Bachelor's degree in one of the agricultural, biological, engineering, environmental or natural resource sciences or a closely related curriculum from an appropriately accredited institution and two years of experience related to the area of assignment; or an equivalent combination of education and experience.