

University of Houston – Clear Lake

Position Description

Job Title: **Environmental Scientist**

Job Code: **3100**

Pay Grade: **050**

FSLA: **EX**

Location: **UHCL**

Retirement Program: **TRS**

QUALIFICATIONS

	REQUIRED	PREFERRED
Education	Bachelor's degree in one of the following fields including Limnology, Aquatic Ecology, Marine Biology/Ecology, Biological Oceanography, Fisheries Sciences or closely related field	Master's degree or Ph.D. in one of the following fields including Limnology, Aquatic Ecology, Marine Biology/Ecology, Biological Oceanography, Fisheries Sciences or closely related field
Experience	Three years of applicable experience.	Two years of experience in the use of ArcGIS in natural resource applications. Supervision of technical staff . Skilled in use of statistical data analysis software such as SPSS, Minitab, SigmaPlot
License/Certification		

This position may be security sensitive requiring a background check of the final candidate.

POSITION SUMMARY

As an Environmental Scientist the incumbent will be responsible for overall management of an environmental monitoring network which includes air, water and biological data collection, maintenance of instrumentation and conducting quality assurance activities. The incumbent will be directly responsible for coordination and supervision of field staff assigned to work with them on projects including scheduling, reviewing progress, assigning workloads and assisting the EIH Director during annual appraisals. The incumbent will also conduct and assist in the design and analysis of aquatic biological, fisheries and water quality studies in cooperation with faculty and graduate students. The incumbent will also provide high level GIS and survey support for environmental research projects as required. The incumbent will participate in proposal writing to secure additional external funds and in the preparation of published research reports and manuscripts submitted to scientific journals. The incumbent will also participate in and represent the Environmental Institute of Houston and University on technical and scientific committees which deal with various aspects of environmental science and natural resource conservation.

Duties and responsibilities

% Time

Maintain an environmental monitoring network which includes supervision of field technical staff, data collection, maintenance of instrumentation and conducting quality assurance activities.	35
Conduct and assist in the design of aquatic biological, fisheries and water quality studies in cooperation with faculty and graduate students.	30
Provide advanced GIS support for environmental research projects as required.	15
Participate in technical report and proposal writing to submit to journals, project sponsors and to secure additional external funds.	10
Participate in and represent the University on technical and scientific committees as required. Other	10

duties as assigned.	
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This position description describes the general qualifications, duties and responsibilities of work being performed.