

JOB POSTING

Houston-Galveston Area Council seeks the following for an immediate opening:

Position: Senior Environmental Modeler Position #: CE11003
Department: Community and Environmental Reports to: Socioeconomic Modeling Program Manager

Summary of Position: Performs highly complex analysis, research, and planning tasks. Work involves performing spatial and non-spatial analysis and developing plans and programs.

Examples of Work:

1. Developing and maintaining analytical models in support of Watershed Protection Plans (WPPs), Total Maximum Daily Loads (TMDLs), and Implementation Plans (I-Plans).
2. Developing Modeling Quality Assurance Project Plans QAPPs for Watershed Protection Plans, TMDLs, and I-Plans.
3. Writing and editing of Modeling sections of Watershed Protection Plans
4. Management of modeling subcontractors.
5. Providing general assistance on other water quality planning activities.
6. Researching, acquiring, and processing spatial and attribute environmental data.
7. Using GIS to perform environmental spatial analysis.
8. Designing and developing high-quality maps applying cartographic principles.

MINIMUM REQUIREMENTS

1. A minimum of three years of related professional or academic work experience.
2. Masters degree from an accredited college or university with major course work in Environmental Science or a related field is required.
3. Experience with several Watershed modeling tools/packages (i.e. HSPF, WASP, SELECT, SWAT, SWMM, EPDriv1, LDCs).
4. Familiarity with Watershed Protection Planning, TMDLs, water quality management issues, regulations, and programs.
5. Experience with both vector and raster environmental data and environmental GIS modeling.
6. Knowledge of GIS theory, applications, cartographic design,
7. Extensive experience with ArcGIS software.
8. Ability to manage complex projects.
9. Ability to conceive, design and implement statistical analysis projects.
10. Excellent organizational and time management skills
11. Good written and oral communications skills.
12. Ability to perform tasks with limited supervision and work effectively in a team environment.
13. Knowledge of government organization and administration; and of principles, objectives, and procedures of governmental planning and programming.
14. Ability to communicate effectively.
15. Experience with SAS, Python, R is a plus

SALARY LEVEL: Level 7, Professional III \$49,400 – \$77,645

APPLICATION PROCESS: Please apply online at www.h-gac.com/careers

Internal candidates should express interest by contacting the Human Resources Department.