

TECHNOLOGY TEAM LEADER (GIS)

DISTINGUISHING FEATURES OF THE CLASS: An employee in this title is responsible for managerial and advanced level professional technology assignments. The incumbent is responsible for development and coordination of the County's Geographic Information System (GIS). Responsibilities involve supervising and coordinating GIS application and database development, designing and conducting multi-disciplinary application projects. Work is performed under the general supervision of the Ulster County Technology Officer or designee with leeway allowed for exercising independent professional judgment in carrying out program objectives. Supervision is exercised over subordinate personnel Does related work as required.

TYPICAL WORK ACTIVITIES: The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Coordinates the development, implementation and maintenance of Geographic Information Systems for use by Ulster County departments and local municipalities;

Supervises and plans workflow, provides training, and evaluates employee performance;

Acts as the primary liaison for Geographic Information Systems to Ulster County departments, vendors, professional organizations, as well as local, state, and federal agencies;

Develops cooperative agreements with other agencies for data acquisition and data sharing;

Serves on committees and as team member for special projects to plan the overall development of GIS applications;

Leads and guides in the development of department policies and procedures regarding the execution and prioritizing of GIS projects;

Coordinates the production of general-purpose base maps and specialized thematic maps;

Coordinates and provides technical support and assistance to user departments in the development of GIS applications;

Develops training programs and assists staff in the use of GIS system;

Works to generate funding for the GIS project through grant writing or agreements with other agencies;

Supervises and prepares demonstrations for local municipalities on the strengths and uses of GIS;

Reports on issues and makes recommendations regarding GIS policies and procedures;

Makes recommendations on the acquisition of new GIS databases and software;

Oversees and participates in all technical and production activities related to GIS;

Meets with municipal officials and other agencies to review their existing systems with a view towards integrating them with the County's central GIS;

Attends conferences, meetings and seminars as assigned

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the principles and techniques of Geographic Information Systems as applicable to county, municipal and regional government; good knowledge of current GIS software; good knowledge of automated mapping standards; working knowledge of ESRI Internet mapping products; working knowledge of other CAD and GIS software packages; ability to program using appropriate language skills relevant to GIS software;; ability to prepare and analyze data in a wide variety of digital formats; ability to communicate effectively, both orally and in writing; ability to supervise the work of others; resourcefulness, tact, good judgment, accuracy, thoroughness, initiative, physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Either

- A. Graduation from a regionally accredited or New York State registered college or university with a masters degree in Planning, Geography, Geographic Information Systems or Management Information Systems or a related field and three(3) years of experience developing and maintaining GIS programs in a governmental agency or private enterprise; OR
- B. Graduation from a regionally accredited or New York State registered college or university with a bachelors degree in Planning, Geography, Geographic Information Systems or Management Information Systems or a related field and four (4) years of experience as defined in A above; or
- C. An equivalent combination of training and experience within the limits defined by A, and B, above.

ULSTER COUNTY
7228 TECH LDR
Classification: Competitive
Grade: 20
Union: CSEA

Adopted: February 5, 2003