

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

GEOGRAPHIC INFORMATION SYSTEMS ANALYST IV - 1144

DEFINITION:

Under direction, to supervise professional geographic information systems (GIS) personnel responsible for the coordination, development, testing, implementation, integration, and modification of complex GIS datasets and GIS related applications; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Manages and oversees the acquisition, development, implementation, and on-going maintenance of GIS, data conversion, databases, applications, and procedures;
- Evaluates recommendations of subordinates justifying and prioritizing new systems and applications development and/or software and hardware enhancements;
- Directs the testing, implementation, and integration of GIS databases and applications and GIS hardware and software upgrades;
- Coordinates the generation of specialized statistical and operational reports;
- Develops department policies and procedures concerning GIS and database standards;
- Ensures the proper development and integration of new GIS within the department;
- Serves as the department representative on Citywide and inter-agency committees;
- Manages outside vendors, service providers, and consultant staff;
- Participates in the most complex GIS analysis, design, testing, and implementation work;
- Provides technical guidance to staff involved in interpreting satellite photos, preparing vegetation maps, and digitizing data for conversion to GIS formats;
- Identifies and addresses data sharing and confidentiality policies;
- Coordinates data acquisition and exchanges, project scheduling, and software training with outside agencies;
- Prepares and presents reports;
- Trains and rates the performance of subordinate professional staff;
- Establishes GIS strategies, plans, and procedures.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

A Bachelor's degree or equivalent education (i.e., minimum completed units equal to 120 semester/180 quarter units); **AND** four years of full-time professional geographic information systems experience (within the last 6 years), two years of which must have been equivalent to the City of San Diego's classification of Geographic Information Systems Analyst II.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The class may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.