

## GEOGRAPHIC INFORMATION SYSTEMS SPECIALIST (NQS)

<b>RESOURCE CATEGORY</b>	Geographic Info Systems and Info Technology
<b>RESOURCE KIND</b>	Not Specified
<b>OVERALL FUNCTION</b>	
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. This position can be ordered as a single resource.</li> <li>2. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment</li> <li>3. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days</li> <li>4. Requestor may specify any additional qualifications necessary based on incident complexity and needs</li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	SINGLE TYPE	NOTES
<b>DESCRIPTION</b>	<p>The Geographic Information Systems (GIS) Specialist:</p> <ol style="list-style-type: none"> <li>1. Participates in functional area briefings and after action reports</li> <li>2. Defines, implements, and maintains a daily archival process</li> <li>3. Provides written documentation, digital data, and products developed during the incident to the Documentation Unit and others</li> <li>4. Assists in producing incident products by completing digital analysis</li> <li>5. Develops, updates, and maintains metadata</li> <li>6. Coordinates with Situation or Situational Awareness Unit Leader to prepare incident maps and displays by collecting and interpreting information</li> <li>7. Produces and updates digital maps within established guidelines and time frames using National Incident Management System (NIMS) symbols</li> </ol>	Not Specified
<b>EDUCATION</b>	Not Specified	GIS-related education comes in a variety of formats, including GIS certificates, GIS degrees, and GIS on-the-job training.
<b>TRAINING</b>	<p>Completion of the following:</p> <ol style="list-style-type: none"> <li>1. IS-100: Introduction to the Incident Command System, ICS-100</li> <li>2. IS-700: National Incident Management System, An Introduction</li> <li>3. E/L 0190: ARC GIS for Emergency Managers</li> <li>4. E/L 0313: Basic Hazus Multi-Hazard, or equivalent</li> </ol>	Identified equivalent trainings should meet or exceed course learning objectives.
<b>EXPERIENCE</b>	Successful completion of the National Qualification System (NQS) Position Task Book (PTB) for the NIMS Geographic Information Systems Specialist, or equivalent Authority Having Jurisdiction (AHJ) documentation	Not Specified
<b>PHYSICAL/MEDICAL FITNESS</b>	Performs duties under light circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time	Not Specified
<b>CURRENCY</b>	Functions in this position during an operational incident, exercise, drill, or simulation at least once every three years	Not Specified

Superseded



Position Qualification for Planning  
Geographic Info Systems and Info Technology

COMPONENT	SINGLE TYPE	NOTES
PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS	Not Specified	Not Specified

Superseded



Position Qualification for Planning  
Geographic Info Systems and Info Technology

## NOTES

Nationally typed resources represent the minimum criteria for the associated category.

---

## REFERENCES

1. FEMA, National Qualification System (NQS) Position Task Book for Geographic Information Systems Specialist, latest edition adopted
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, NIMS Guideline for the NQS, November 2017
4. FEMA, National Response Framework, June 2016

Superseded