

Report ID: NIHR148
Report Date: 04/29/2009
Database:

Page No : 1
Run Time: 07:19:02

WORK ROLE: 23AA

WORKROLE TITLE: Project Scientist

WORKROLE DESCRIPTION:

Project Scientists are responsible for the day-to-day execution and technical oversight of a variety of scientific activities. They develop project schedules, determine resource requirements, provide technical guidance and oversight, and report results. Project Scientists apply in-depth expertise from a variety of scientific disciplines (e.g., Photogrammetry, Geodesy, GIS, Computer Science, Mathematics, Image Science) to develop, analyze, evaluate, and apply new technology; develop expertise and tradecraft for the Agency; and advise senior management on new and evolving technology. They participate in strategic planning, propose and defend program plans, and communicate and market results to customers and decision-makers.

COMPETENCIES/KNOWLEDGES:

Skills

Adaptability	Advising/Consulting	Budget Management
Courage	Creative Thinking	Customer Service
Data Analysis	Data Modeling	Engaging and Collaborating
Ethics	Exploring Alternatives	Influencing
Initiative	Interpersonal Skills	Leadership
Learning	Multi-media Communication	Oral Communication
Organizational Representation	Project Management	Prototyping
Quality Assurance	Research/Information Gathering	Resource Management
Situational Awareness	Strategic Planning	Technical Design/Development
Technical Requirements Develop	Technology Evaluation	Technology Exploitation
Verification & Validation	Written Communication	

Knowledges

EDUCATION/LICENSES/CERTIFICATIONS:

A. Education: Bachelor's degree in Engineering, Mathematics, Physical Science, or a related discipline that includes 24 semester (36 quarter) hours in Physical Science and/or a related Engineering Science. Such coursework includes, but is not limited to, Astronomy, Cartography, Chemistry, Computer Science, Dynamics, Electrical Engineering, Geodesy, Geology, Geophysics, Geospatial Information Systems, Mathematics, Orbital Mechanics, Photogrammetry, Physics, Remote Sensing, or Surveying. Although not mandatory, coursework in differential and integral calculus is preferred. -OR- B. Combination of Education and Experience: A minimum of 24 semester (36 quarter) hours of college education in any areas listed in option A plus experience that demonstrates the ability to successfully perform the duties associated with this work. As a rule, every 30 semester (45 quarter) hours of college work is equivalent to one year of experience. Candidates should show that their combination of education and experience totals to 4 years.

ENVIRONMENTAL/PHYSICAL REQUIREMENTS: