

NGAC Workforce Development Subcommittee

Overview of Geospatial Workforce Spotlight Presentation, December 2010 NGAC Meeting

Purpose of the Session: Provide an overview and discussion of current efforts for developing and retaining a highly skilled geospatial workforce to meet the expanding needs of both public and private sector organizations.

Presentation Description: One of the biggest challenges of the geospatial industry is to address the expanding current and future needs for a highly skilled geospatial workforce. The session presenters will provide an overview of efforts and tools, share perspectives on how the geospatial community is addressing the issue, and highlight valuable resources for the community.

Session Presentations:

1. Geospatial Industry Workforce Information System (GIWIS). The Department of Labor (DOL) completed the first phase of Defining and Communicating the Geospatial Industry Demand. The purpose of this project was to describe the efforts to collect information and build consensus among stakeholders and industry leaders with respect to the current and future trends of the geospatial industry and its workforce demand. The project included the creation of a pilot web site, Geospatial Industry Workforce Information System (GIWIS), which provides materials and geospatial intelligence information tools for the Denver, CO area. **Presenter:** Bob Samborski, GITA

2. Geospatial Technology Competency Model (GTMC). Another product emerging from DOL, the Geospatial Technology Competency Model (GTMC), specifies competencies required for success in the geospatial industry. The 9-tiered model illustrates how occupational and industry competencies build on a foundation of personal effectiveness, academic, and workplace competencies. **Presenter:** Dave DiBiase, Penn State University

3. National Research Council (NRC) Study on the Future US Workforce for Geospatial Intelligence. The study, sponsored by the National Geospatial Intelligence Agency, will examine the need for geospatial expertise in the United States and explore possible ways to ensure adequate availability of the needed expertise. **Presenter:** Dr. Lea Shanley, NRC

4. Update on USGIF Activities. The United States Geospatial Intelligence Foundation (USGIF) is the only organization dedicated to promoting the geospatial intelligence tradecraft and building a stronger community of interest across industry, academia, government, and professional organizations. The session will highlight recent USGIF activities in support of expanding and strengthening the geospatial workforce. **Presenter:** Keith Masback, USGIF President

5. The Federal Geospatial Workforce – Human Resources Perspectives. This session will focus on sharing federal agency strategies and initiatives on hiring and expecting the best of the federal geospatial workforce. **Presenter:** Pamela Malam, Deputy Assistant Secretary for Human Capital and Diversity, DOI

Session Outline: Wednesday, December 8, 2010; 10:30 am – 12:30 pm

Context Setting & Introductions (10 min)

Session 1 – GIWIS (10 min)

Session 2 – GTMC (10 min)

Session 3 – NRC Study (10 min)

Session 4 – USGIF Activities (10 min)

Session 5 – Federal Geospatial Workforce (10 min)

Discussion /Q & A (30 min)