
NGAC

**GEOSPATIAL WORKFORCE
AND EDUCATION SUBCOMMITTEE**

Update – Session 1

June 24, 2014

Subcommittee Membership

- Chair: Keith Masback
- Members:
 - Talbot Brooks
 - Dave DiSera
 - Steve Emanuel
 - Frank Harjo
 - Gary Thompson

Past Activities of the Subcommittee

- Prepared the Geospatial Workforce Development White Paper - 2012
 - The Administration's STEM Initiatives from a Geospatial Workforce Development Perspective
 - Opportunities to Utilize the DOL Geospatial Competency Model to Meet Federal/State/Local/Tribal Government Needs
 - Updating "Externally" Focused [GIS Themed] SOC Standard Occupational Classification Codes and "Internally" Focused Federal Occupational Series Classifications

Past Activities of the Subcommittee

- Prepared Education & Workforce Development Working Paper – 2013
 - Defined Considerations for Closing the Geospatial Education and Workforce Gaps
- Reviewed the Federal STEM Strategic Plan
- Reviewed the NRC Report: Future US Workforce for Geospatial Intelligence
- Reviewed the DOI STEM Education and Employment Pathways Strategic Plan The STEM Workforce Challenge: the Role of the Public Workforce System in a National Solution for STEM

Subcommittee 2014 Study Topics

- Provide input as needed on the implementation of the Administration's STEM strategic plan (government-wide, or within specific agencies, as appropriate).
- Identify opportunities to leverage recent professional GIS certification initiatives by the GIS Certification Institute (GISCI) and the National Geospatial-Intelligence Agency.

Current Activities of the Subcommittee

- Prepared the Geospatial Education and Workforce Working Paper - 2014
 - Reviewed the Geospatial Technologies Competency Model
 - Reviewed the 8 Employment Classifications
 - Collected Sample of Certificate and Degree Programs from 184 Higher Education Institutes in the U.S.
- Coordination with the Department of Labor

Follow-up with Department of Labor's Employment and Training Administration

- Conversation with Pam Frugoli
 - O*NET OnLine has detailed descriptions of work for use by job seekers, workforce development and HR professionals, students, researchers
 - DOL Classification Code Activities, 2018 Update
 - Input Request by the SOC Police Committee

Guest Speaker: Pam Frugoli

- Pam Frugoli is a Workforce Analyst in the Office of Workforce Investment at the Department of Labor's Employment and Training Administration.
- She serves as project lead for the Occupational Information Network (O*NET) project. This includes a specific focus on maximizing usability of the O*NET occupational characteristics and requirements data for a range of customers and purposes.
- She also oversees the development of industry competency models and the design of and tools and resources to optimize usability of the models on the Competency Model Clearinghouse.