NGAC Geospatial Workforce Development Subcommittee

Subcommittee Members
- Dave DiSera (Chair)
- Joanne Gabrynowicz
- Randy Johnson
- Don McKay
- Matt O’Connell
- Cindi Salas
- Tony Spicci

June 2011 NGAC Meeting
NGAC Geospatial Workforce Development Subcommittee

Purpose:

“Provide recommendations on approaches to develop intergovernmental and public-private strategies to facilitate the development, training, and retention of a highly skilled workforce to meet the expanding geospatial needs of public and private-sector organizations. Examine opportunities for synergies with the Administration’s Science, Technology, Engineering, and Mathematics (STEM) education initiatives.”
National Geospatial Advisory Committee

NGAC Geospatial Workforce Development Subcommittee

2010 Subcommittee Strategy Benefits:

- Public awareness of geospatial technologies and their applications are raised, and to make a better connection between the geospatial industry and diverse populations of potential workers
- Public and private organizations can build partnerships with educational institutions at all levels for creating effective and efficient Geospatial training and education, and recruitment programs
- Commercial, academic, nonprofit organizations, and all levels of government use a common set of Geospatial competencies to support systematic Geospatial learning and development of training and education programs and curricula
- Effective and compelling public outreach programs and informational materials about the Geospatial profession are distributed through existing DOL-supported education and information channels
- Standard skills describe the kinds of workers needed in the geospatial industry; improve employee recruitment and selection; and design geospatial technology
Activities to date:

- Subcommittee drafted Action Plan in April
  - Focus on 5 areas
- Subcommittee met on May 27 to:
  - Review Subcommittee Purpose and 2010 Geospatial Workforce Development Benefits Strategy
  - Review draft Action Plan and dates
  - Assign teams to complete activities
# NGAC Geospatial Workforce Development Subcommittee

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| Examine opportunities for synergies with the Administration’s STEM education initiatives.  
  • Assess opportunities to incorporate Geospatial and Geomatics education into the four STEM categories  
  • Assess potential role/involvement/support from FGDC and NGAC | Matt O. & Don M. | Sept 8th of draft White Paper | Draft 2-3 page white paper on synergies with STEM educational opportunities |
| Review activities of the President’s Council of Advisors for Science and Technology (PCAST) and linkages with STEM and 21st Century Geospatial Skills. | Joanne G. & Randy J., Tricia | Sept 8th of draft White Paper | Draft 2-3 page white paper on PCAST linkages with STEM and 21st Century Geospatial skills |
| Assess opportunities to utilize the DOL Geospatial Competency Model to meet Federal/State/Local/Tribal government and private sector needs. | Dave D. & Randy J. | Sept 8th of draft White Paper | Draft 2-3 page white paper on opportunities for using DOL Geospatial Competency Model to meet government and private sector needs |
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<td>Review the existing “externally” focused Federal GIS Standard Occupational Classification (SOC) codes and compare to “internally” focused Federal job series codes.</td>
<td>John M./FGDC Intern &amp; Dave D.</td>
<td>Sept 8th of draft White Paper</td>
<td>Draft 2-3 page white paper on existing externally focused GIS Standard Occupational Classification codes compared to internal job series codes</td>
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<td>Assess opportunities to work with geospatial industry associations and educational institutions to identify and document public-private geospatial workforce development best practices.</td>
<td>Tony S. &amp; Cindi S.</td>
<td>Sept 8th of draft White Paper</td>
<td>Draft 2-3 page white paper on opportunities to collaborate with geospatial industry associations and educational institutions to identify geospatial workforce development best practices</td>
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Subcommittee Monthly Status Meeting Schedule

- May: Friday - 27th, at 2:00 PM Eastern
- June: Wednesday - 8th, meeting during lunch at NGAC
- June: Wednesday - 29th, at 3:00 PM Eastern
- August: Thursday - 4th, at 3:00 PM Eastern
- September: Thursday - 15th, at 3:00 PM Eastern
- September: Wednesday - 28th, at 3:00 PM Eastern
- October: Wednesday - 5th, meeting during lunch as NGAC
- November: Thursday - 3rd, at 3:00 PM Eastern
- December: Thursday - 1st, at 11:00 AM Eastern