National Geospatial Advisory Committee

Workforce Development Subcommittee Update

June 22nd and 23rd, 2010

Subcommittee Members

Sean Ahearn (Co-chair)
Sophia Beym
Dave DiSera (Co-chair)
Kass Green
Randy Johnson
Matt O’Connell
Steve Wallach
Sub-committee 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.”
Sub-committee Activities

- Research and assess geospatial workforce-related studies and activities currently planned or underway, including the following:
  - Research current and future needs
  - Research to assess what already exists
  - Identify best practices
  - Define gap between “need” and existing/projected workforce

- Develop initial recommendations on how FGDC can engage in and support geospatial workforce development activities.
Subcommittee Activities

- Subcommittee meeting held on June 11, 2010
- Meeting agenda:
  - Review/discuss the Department of Labor projects relative to our 2010 activities
  - Discuss other relevant initiatives (industry, academic, government, etc.) the Subcommittee should consider reviewing
  - Define next steps, assignments, and schedule (Action Plan)
  - Determine what we should present at the June NGAC Committee meeting
Subcommittee Activities

- Initial research review includes:
  - DOL - Defining and Communicating Geospatial Industry Workforce Demand – Phase 1, report completed in the 2006 and website completed in the 2007 timeframes
    - Project included the creation of a Denver area pilot web site ([http://www.giwis.org/job-seekers/students.asp](http://www.giwis.org/job-seekers/students.asp))
  - DOL - Geospatial Technology Competency Model, completed in April 2010 timeframe
    - Extensive “Resources Reviewed” section at the end of the document
  - UCGIS – Geographic Information Science & Technology Body of Knowledge
GIWIS – Workforce

High-Growth Industries

Learn about DOL’s High Growth Job Training Initiative and the place geospatial holds as an emerging technology.

Learn about the Denver WIRED grant.

Denver/Colorado Workforce Resources

- Denver Workforce Investment Board
- Department of Labor and Employment
- Colorado Workforce Center
- Locations of Comprehensive Career OneStop Centers

Denver Education Resources

- WIA Eligibility Database
- Locations of Two Year Community & Technical Colleges
- Locations of Four Year Colleges & Universities

Projected Job Growth

- 2014 US Geospatial Occupations Growth Projections
### Subcommittee Draft Action Plan

#### NGAC Subcommittee – Project Plan

**Subcommittee: Workforce Development**

**Subcommittee Members:** S. Ahearn, D. DiSera (Co-Chairs), S. Beym, K. Green, Randy Johnson, M. O’Connell, S. Wallach

**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.

**Activity 1 – Research to current and future needs**

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<thead>
<tr>
<th>Action</th>
<th>Who</th>
<th>When</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1 Conduct workforce development research</td>
<td>All</td>
<td>July 30, 2010</td>
</tr>
<tr>
<td>1.2 Hold meetings with researcher from other efforts</td>
<td>All</td>
<td>August 30, 2010</td>
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<tr>
<td>1.3 Document results of research</td>
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<td>September 17, 2010</td>
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**Activity 2 - Research assess what already exists**

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<tr>
<td>2.1 Review research for documented current and future needs</td>
<td>All</td>
<td>October 15, 2010</td>
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<tr>
<td>2.2 Document findings</td>
<td>All</td>
<td>November 5, 2010</td>
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<td>2.3 Analyze for g ps</td>
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**Activity 3 – Define next steps**

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<tbody>
<tr>
<td>3.1 Determine next steps</td>
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<td>December 17, 2010</td>
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</table>
Subcommittee Next Steps

- Continue to provide feedback on:
  - Defining and Communicating Geospatial Industry Workforce Demand – Phase 1
  - Geospatial Technology Competency Model
- Continue to research other industry, government, and academic workforce related material and efforts
- Meet in July to review feedback and other workforce related research findings
- Finalize Action Plan