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A Monthly Newsletter of the National Geospatial Technology Center of Excellence

Innovation in Geospatial Science and Technology Education   **Empowering Colleges: Expanding the Geospatial Workforce**

In this issue:

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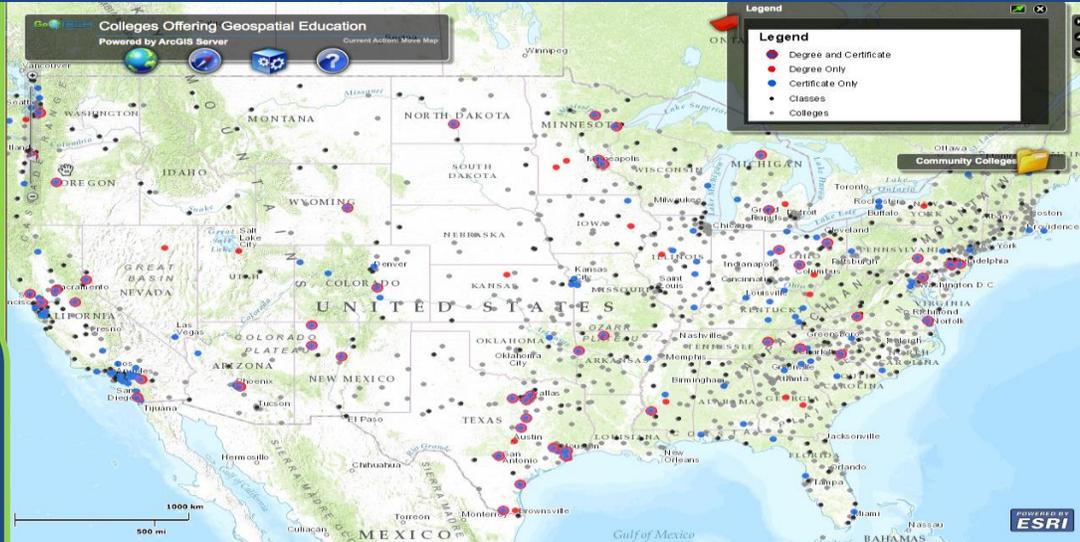208-894-4541

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The GeoTech Center website is:
http://www.geotechcenter.org

The GeoTech Center is virtual, comprised of a Director, four Associate Directors, and nine Assistant Directors from institutions across the nation. The central office is located at Jefferson Community and Technical College in Louisville, KY.

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GeoEd'15

Distinguished Geospatial Education Awards

The GeoED'15 Conference and Workshops will be held June 8th to the 11th in Louisville, Kentucky on the Southwest Campus of Jefferson Community and Technical College. Workshops are held on the 8th and 9th these are a half day in length (4 hours), an educational forum is on the afternoon of the 9th, the conference is on the 10th and an all-day UAV hands-on workshop on the 11th. All parts of the conference and workshops are free and stipends are available for educators.

To register for the conference and/or the workshops please visit:
http://www.geotechcenter.org/conferenceswebinarsworkshops.html

Note each event requires a separate registration.

Draft Agenda (June 10, 2015)

8:00 AM Refreshments and Registration
8:45 AM Welcome
9:00 AM Geospatial Technology Competency Model (GTCM 2014) and other work at the Department of Labor – Rodney Jackson and Rich Schultz
9:15 AM GISP Examination – Bill Hodge
9:35 AM NSF Funded Projects in GIST
GeoTED – Chris Carter, et. al.
Weber State University – Michael Hernandez
Kaskasia College – Mike Rudibaugh
Monroe Community College – Jon Little

10:35 AM Break
10:45 AM GeoINT – Keith Masback, CEO of USGIF
11:15 AM ArcGIS PRO – Robert LeClair
11:40 AM Model Courses – Ann Johnson and Rich Schultz

12:00 AM Lunch

1:00 PM UAV Presentation
1:30 PM Integration of GIST into other courses – Tom Mueller
1:45 PM Status update of the National Geospatial Technology Center of Excellence (GeoTech Center) – National Map – Student Competition – Vince DiNoto
2:10 PM Award Winners – Ann Johnson

Outstanding Educator – David Skiles, Getting to Remarkable: How geospatial instruction can transcend traditional knowledge

Outstanding Organization - GeoTED

Lifelong Achievement Award – Tora Johnson

3:10 PM Break
3:20 PM Modularized Geospatial Awareness Course and Micro-credentials – Nicole Ernst
3:40 PM Lighting Rounds (7 minutes, no more than 5 PowerPoint slides)
Jacqueline Housel Sinclair

The 7th Annual NGTC Geospatial Technology Summer Workshop

The National Geospatial Technology Center of Excellence (NGTC), in partnership with Southwestern College (SWC) and San Diego State University (SDSU), will host the seventh annual NGTC Geospatial Technology Summer Workshop. The workshop will be held in the Richard Wright Spatial Analysis Lab (SAL lab) on the campus of SDSU from July 22 -24, 2015. The workshop will host high school and community college faculty who have previous experience using geospatial technology tools, including but not limited to one or more of the following: Geographic Information Systems (GIS), remote sensing (RS), Global Positioning Systems (GPS), Big Data, and cartography. Workshop participants will design and produce geospatial curriculum that can be used within a classroom setting.

Workshop participants will receive:

- A $700 stipend upon completion of the workshop and submission of curricular materials by the end of the workshop. The materials may still require polish for use in your class(es) at the end of the workshop, but the materials should be well on its way to being usable. Participants will receive assistance in the creation of their geospatial curriculum from professional geospatial instructors/curriculum developers (GISetc) and other workshop participants in a collaborative setting.
- Hands-on workshops and presentations of cutting-edge geospatial technologies (including "best practices" in terms of pedagogy).
- Immediate membership to the NGTC Community of Practice (CoP), including follow-up assistance after the workshop.
- Free registration to the annual ESRI Education User Conference held from July 18 – 21, 2015 in San Diego, CA (a $175 value).

This year's participants will be required to submit a proposal to attend the workshop. The proposal should include:

- A Curriculum Vitae (maximum 2 pages) highlighting your interest in geospatial tools and technologies.
- An introductory PowerPoint presentation (with three slides maximum) highlighting previous geospatial work, lessons, or projects.
- A Word document with the following information:
a. A short statement describing your experiences using geospatial technology and what tools you have used (for example, ArcGIS Desktop, ArcGIS Online, mobile phones apps, digital probeware, digital imagery, GPS, Google Earth, etc.).
b. A list of the coursework that you teach on a regular basis (this includes geospatial specific classes as well as other courses that you teach), or a list of course(s) that you will be teaching.
c. A proposed classroom-based project that you would like to create (or augment) during your time at the workshop. Please limit this portion of the proposal to no more than 400 words (projects can range from a single class activity/learning module to a longer project).

The 7th Annual NGTC Geospatial Technology Summer Workshop (continued)

If you attended either the 2013 or 2014 summer workshop, please include a section entitled "Results from Prior Workshop" to describe how you applied the curriculum you developed from the previous workshop into your current teaching (400 – 500 words maximum with some graphics if needed).

Participants will need to arrange (and pay for) their own transportation and lodging. If you are interested in attending the workshop, or learning more about it, please contact either Professor Ken Yanow (kyanow@swccd.edu) or Professor Ming Tsou (mtsou@mail.sdsu.edu).

All application materials should be emailed to both Professor Yanow and Professor Tsou. Applications will be accepted through midnight, May 15, 2015.