

### **The 10th Annual NGTC Geospatial Technology Summer Workshop, 2018**

The National Geospatial Technology Center of Excellence (NGTC), in partnership with Southwestern College (SWC) and San Diego State University (SDSU), will host the 9th 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 16 -18, 2018**. High school and 2-year/4-year college faculty, who have previous experience using geospatial technology tools, will come together to design and produce geospatial curriculum using ArcGIS Online (Organizational Account) that can be immediately used in the classroom. The focus of the workshop this year will be:

- 1) Using drones for data capture and the derivation of 3D models.
- 2) Designing and publishing local projects using ArcGIS Online.
- 3) Spatial Analysis using ArcGIS Online.
- 4) Adding data from other maps to your project (and exploring data capture apps such as Survey123).
- 5) Story Map design.

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), but the materials should be well on the way to being usable. Participants will receive assistance in a collaborative setting in the creation of their geospatial curriculum from professional geospatial instructors/curriculum developers and other workshop participants.
- Presentations and hands-on workshops of cutting-edge geospatial technologies.
- Membership to the GeoTech Center Community of Practice (CoP).
- Free registration to the Esri Ed User Conference (July 7-10, 2018) in San Diego, CA (a \$175 value).

Participants will be required to submit a short proposal to attend the workshop, including:

- A cover letter with the following information:
  - A short statement describing what tools you have used (for example, ArcGIS Desktop, ArcGIS Online, Google Earth, QGIS, mobile phones apps, digital probe-ware, GPS, UAS, etc.).
  - A proposed classroom-based project that you would like to create (or augment) during your time at the workshop. Please limit this statement to no more than 400 words.
- A resume or Curriculum Vitae (max 2 pages) highlighting your background geospatial tools.
- A PowerPoint presentation (1 to 3 slides) highlighting any of the following: a) previous geospatial work; b) a classroom lesson; c) a personal (or student mentored) geospatial project.

Participants will need to arrange (and pay for) their own transportation and lodging. If you are interested in attending the workshop, or you would like to learn more about it, please contact either Professor Ken Yanow ([kyanow@swccd.edu](mailto:kyanow@swccd.edu)) or Professor Ming Tsou ([mtsou@mail.sdsu.edu](mailto:mtsou@mail.sdsu.edu)). To apply to this workshop, click [here](#). **Applications will be accepted through midnight, May 01, 2018.**