GDW Meeting Summary for August 7, 2024

Lightning Presentation –2024 ESRI User Conference Highlights with Abrin Brooks from ESRI: Abrin shared a Storymap that gave an extensive review and summary of the 2024 ESRI User Conference, which took place at the San Diego Convention Center in San Diego, CA from Monday, July 15th to Friday, July 19th. During her presentation, Abrin delved into various statistics such as the total number of attendees both in person and virtually, as well as the number of sessions conducted. Although the Storymap was unavailable for sharing, a highlights video is available at https://mediaspace.esri.com/media/t/1_50tzfrdd. Additional links she shared: The plenary session video https://www.esri.com/en-us/about/events/uc/plenary, access digital sessions content https://www.esri.com/en-us/about/events/uc/agenda/proceedings, and the UC 2024 Recap video https://www.youtube.com/watch?v=NGclZVsESgw.

Guest Presentation – Geospatial Data Visualization and Analysis in the Cloud: An Open-Source Approach with Associate Professor Qiusheng Wu from the University of Tennessee: Dr. Qiusheng Wu delivered a presentation on projects he's worked on highlighting features in Open Geospatail Soutions (github), Geemap, Leafmap, Segment-Geospatial (SAMGeo) , and HyperCoast. Notably, Geemap, adopted by Google, can visualize Earth Engine datasets (100PB+) interactivity. Leafmap also allows users to visualize open geospatial datasets interactively and, with the help of MapLibre, Leafmap, utilizing MapLibre, allows for 3D visualization of terrain and buildings. Segment-Geospatial (SAMGeo), simplifies applying the Segment Anything Model (SAM) to geospatial data with minimal coding. We recommend visiting Qiusheng Wu YouTube channel Open Geospatial Solutions (https://www.youtube.com/@giswqs) if you'd like to see demos and tutorials of these tools in action.

2024 H-GAC Aerial Imagery Cost-Share and Lidar Update: Thushara Ranatunga with H-GAC discussed the status of the 2024 H-GAC LiDAR and Aerial Imagery and the next steps in cost-share program. For 2024 Lidar, H-GAC samples are being reviewed.

Should anyone have questions, please contact DAR_GIS@h-gac.com or visit the project homepage.

Announcements/Other Items:

- 2024 Houston Area GIS Day Update: Molly Eskelson with H-GAC spoke about the Houston Area GIS Day taking place this November 21st and 22nd at the University of Houston-Clear Lake. HAGD's New sponsors, Planet and NV5 Geospatial, were announced. The planning committee is working to get the call out for sponsors and exhibitors, speakers, map gallery submissions, and general attendees for the professional content very soon. If you would like to be involved, there is a volunteer registration form that will add you onto a contact list for the planning meetings to get involved with the planning of the 2024 Houston Area GIS Day For more information, please visit http://www.houstonareagisday.org/.

- URISA is hosting an online meeting August 27th from 12-1pm. The meeting is apart of their Speaker Series-Return of the Survey123 Jedi: Survey123 Online Basemaps to Pull Data from Hosted Service. For more information, please visit https://urisatexas.org/event-5830625/Registration

- Job Announcements:

  - Metro- The Enterprise GIS Administrator position will soon be vacant, with postings expected next month.
  - HGAC- four positions are open with internships to be posted soon:
    - GIS Analyst - Remote Sensing Analyst- https://phg.tbe.taleo.net/phg02/ats/careers/v2/viewRequisition?org=HGAC&cws=38&rid=994
    - GIS Analyst – Cartographer / GIS Visualization Specialist / Graphic Designer- https://phg.tbe.taleo.net/phg02/ats/careers/v2/viewRequisition?org=HGAC&cws=38&rid=960
    - Data Specialist – Air Quality Modeler- https://phg.tbe.taleo.net/phg02/ats/careers/v2/viewRequisition?org=HGAC&cws=38&rid=973
    - Data Analyst – Travel Demand Modeler- https://phg.tbe.taleo.net/phg02/ats/careers/v2/viewRequisition?org=HGAC&cws=38&rid=956

- The next GDW meeting will take place via Microsoft Teams on Wednesday, October 2nd, 2024 at 9:30am CST.