

GDW Meeting Summary for September 7, 2022

2022 Houston Area GIS Day Planning Update: Brooks Andrews with H-GAC and Nicole Ceranek with Montgomery County, TX updated the GDW on the planning progress for the Houston Area GIS Day taking place on Wednesday, November 16, 2022 at the University of Houston – Clear Lake (UHCL) with student content taking place in the morning and professional content taking place in the afternoon. With about two months left until the event, the schedule and activities for both professionals and students are starting to come together but there are still holes to fill currently including an AV lead to coordinate Zoom information with UHCL staff and the public who can attend some items virtually. In addition, 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. The next planning meeting is set for Thursday, September 15th at 11am CST where the planning committee will continue to establish content for the 2022 event. If you would like to be involved with the GIS Day planning process, 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 2022 Houston Area GIS Day. For more information, please visit <http://www.houstonareagisday.org/> or contact houstonareagisdayorg@gmail.com.

2022 H-GAC Aerial Imagery Cost-Share Update: Brooks Andrews with H-GAC discussed the status of the 2022 H-GAC Aerial Imagery project and the next steps in cost-share program. Currently, the final physical project deliverables have all been completed and mailed out to all 2022 participants with the exception of two who are missing payment information. If you are missing your 2022 H-GAC Aerial Imagery final physical project deliverables, please contact Brooks at brooks.andrews@h-gac immediately. Later in September, H-GAC will receive the 2022 streaming imagery services from Surdex for all participating cost-share members to consume as well. These streaming imagery services will be hosted by dedicated Surdex imagery servers and will last two full years from the date of production. The current 2020 streaming imagery services hosted by Surdex will remain in place until the 2022 services are ready to consume. Please contact DSGIS@h-gac.com or visit the [project homepage](#) if you have any questions on the 2022 H-GAC Aerial Imagery Cost-Share.

Lightning Presentation – Interactive Displacement Map of Houston: Hanno Maljaars with SkyGeo gave the GDW a brief look at the Interactive Displacement Map of Houston that SkyGeo has been creating with six years of InSAR data as well as satellite imagery via the Sentinel-1 program. With this information, SkyGeo is able to estimate down to the millimeter where the most subsidence in the Houston metro is occurring and when it is occurring, providing local decision makers with powerful information on displacement in the area. SkyGeo plans to release their Interactive Displacement Map of Houston to the public soon. For more information, you can view Hanno’s entire presentation [here](#).

Guest Presentation – Automated Feature Extraction for Urban Planning: Troy Simpson with Ecopia discussed Ecopia’s unique and proven method of extracting ancillary data such as building footprints with building heights, pedestrian sidewalks and trails, bike lanes, detailed road lanes, and even swimming pools from high-resolution aerial imagery. Troy went over the methodology of their extraction process in detail and answered questions while demonstrating a local example of the extraction process and displaying works from past projects. To see more of the data and the process from Ecopia, visit <https://www.ecopiatech.com/global-feature-extraction> or you can email Troy at troy@ecopiatech.com or info@ecopiatech.com.

Announcements/Other Items:

- The 2022 Esri Gulf Coast User Conference is tentatively scheduled for Wednesday and Thursday, November 9th and 10th in Houston, TX. More details will be available soon from Esri via the event website below:
 - <https://www.esri.com/en-us/about/events/gulf-coast-uc/save-date?date=2019-11-07>
- There are four H-GAC GIS training courses happening in September via the staff at TeachMeGIS, including an Introduction to Mapping with ArcGIS Online and Portal class, a Web Map Essentials- Adding ArcGIS Online and Portal to Your GIS Skillset class, an Introduction to ArcGIS Pro for NextGen 911, and finally an Intermediate ArcGIS Pro for NextGen 911 class. As a reminder, all training courses are discounted 15% off for GDW members and H-GAC members and employees. For more information or to browse the remaining courses for the

second half of 2022 GIS Training at H-GAC schedule, you can visit the main website [here](#).

- There are several open GIS/Geospatial positions from across the H-GAC region with information and applications for these positions available on Esri's Regional GIS Jobs Dashboard that is assessible via the link below with some additional positions not yet listed on the dashboard also below:
 - <https://myago.maps.arcgis.com/apps/dashboards/5c110a18938f4390b3cbbf7021c61aa4>
 - Greater Harris County 9-1-1 Emergency Network has two GIS Analyst positions open; contact Brenda Pope at bpope@911.org for more information
 - Harris County Engineering will have a GIS Technician position opening soon; contact Eric Worthington at eric.worthington@hcpid.org for more information
- The [Houston Urban Area Security Initiative \(UASI\)](#) is looking for help setting up ArcGIS Hub and Hub Premium websites for local webmasters not familiar with GIS technology. If you are familiar with ArcGIS Hub and willing to help train non-GIS users, please send an email to nicole.ceranek@mctx.org to help.
- For the remainder of 2022, GDW meetings will continue to be hosted virtually by H-GAC through Microsoft Teams due to some ongoing audio/visual upgrades taking place at the H-GAC office. Starting in 2023, the GDW meetings will be hosted in a hybrid setting with both virtual and in-person attendance options at the H-GAC office at 3555 Timmons Ln, Houston, TX 77027.