



Fall 2020  
Long Island GIS Professional Association *Virtual* Conference  
Thursday, November 19th  
Virtual Conference

## **AGENDA**

**10:00 - 10:15am**

### **Introduction and Opening Remarks**

*Ross Baldwin - Long Island GIS Chairman*

**10:15 - 10:40**

### **Challenges to Geocode Addresses of Residents Testing Positive for COVID-19 in Suffolk County**

*Jim Daly, GISP - Suffolk County GIS Manager*

With no standardized process from the New York State Department of Health to geolocate residents who test positive for COVID-19, Suffolk County GIS and the Suffolk County IT Business Intelligence Unit developed a system to efficiently geolocate positive case residents. This improvised system, HIPAA Compliance, and the importance of intergovernmental street address management to support a universal geocoding service for all levels of government will be examined.

**10:40 – 11:00**

### **COVID-19: Making Sense of Data and Resources**

*Tim Small - GIS Inc*

The COVID-19 Pandemic has required employees to work from remote offices to stop the spread of the disease. In some organizations, the on-premise infrastructure brought connection and access issues, preventing some employees from fully performing their jobs.

Esri released a "Coronavirus Response Solution" and a "Coronavirus Business Continuity Solution" designed to help organizations share real-time data-driven maps and apps information about the COVID-19 pandemic. After reviewing the solution, GISinc has provided the Esri community with quick trainings for configuration, deployment, adding fields to reporter surveys, and more.

**11:00 - 11:25**

### **Visualizing COVID19 Twitter Hashtag Conversations**

*Dr. Emily A. Fogarty - Professor at Farmingdale State College*

Visualizing the similarities and differences among Twitter hashtags related to the COVID19 pandemic.

**11:25 – 11:50**

### **Local Business and Service Status Reporter**

*Steven Pollackov - MAS, GISP, PMP*

As New York State went on quarantine and certain businesses were required to close. With the assistance of the National Alliance for Public Safety GIS, the Local Business and Service Status application was created to identify businesses and the type of service. Utilizing an ESRI Web Map, Survey123, Operations Dashboard applications and a single point layer symbolized by their attributes this application is a simple way to display these businesses. The application displays if a business is open, closed and/or operating with restrictions.

This presentation will demonstrate these applications and the simplicity for business owners to enter and update the status of their business and so residents can easily visualize businesses that are operating.

**11:50 – 12:10**

**The Transformation of Municipal Permitting Operations during the COVID Era – The Case of the Town of Huntington, Long Island.**

*Dave Genaway - Deputy Director/GIS Manager, Town of Huntington*

Due to the State-wide shutdown of governmental agencies stemming from the spread of the Covid-19 virus, the Town of Huntington was required to re-design its permit review operations in order to manage the numerous requests for outdoor dining permits in the summer of 2020. This presentation involves a discussion of the various web and GIS technologies used to track and analyze these requests. Specific details will also be given on the design of a publicly-shared web-map deployed from the Town's in-house ArcGIS Portal Server.

**12:10 – 12:30**

**Agencies**

*Robert Hubbs - GIS Supervisor, Town of Smithtown*

An overview of the FAA's requirements, and sample questions from the written Unmanned Aircraft General - Small (UAG) exam. From the labeling of the aircraft to the arrival of "certificate", the demonstration will guide a Government Agency applicant through the FAA's Part 107 requirements.

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