

## 2017 Environmental Public Health Tracking: Peer-to-Peer Fellowship Program

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### Esri Technology

Geographic information systems (GIS) technology has been long utilized by the public health community to visualize vulnerable populations, identify community resources, enable disease surveillance and connect community stakeholders, leading to improved public health outcomes.

In 2017 ASTHO was accepted into Esri's non-profit organization program, making this technology available to fellows that are accepted into the program. Fellows will be provided with a one-year license to ArcGIS Desktop Advanced with Extensions (single use) and 100 credits to use in Esri's cloud-based mapping platform, ArcGIS Online. The details of the products can be found below.

#### ArcGIS Desktop

ArcGIS Desktop 10.5 is Esri's powerful desktop GIS that allows users to create maps, perform spatial analysis, manage data and solve real public health problems. A one-year license provides access to ArcMap and ArcGIS Pro, where fellows can organize, manage and analyze their data and publish high quality maps.

ArcGIS also has a suite of extensions that provide extended capabilities to the core product. These are available on the license provided to the fellows, and include analysis, data integration and editing, publishing, and cartography.

Training for Esri products is available at <https://www.esri.com/training/unlimited-esri-training/>.

#### ArcGIS Online

ArcGIS Online is a collaborative web GIS that allows users to use, create, and share maps, scenes, apps, layers, analytics, and data. With a powerful interface and ready-to-use base maps and data layers created by the global community, ArcGIS Online makes it easy to create for users to create interactive maps for their organization and share a web map with the world.

Lessons for ArcGIS Online are available at <http://learn.arcgis.com/en/>.

#### ArcGIS Online Story Maps

For ASTHO's EPHT Fellowship Program, one of the most useful tools available is Esri's Story Maps. Story Maps allow users to combine authoritative maps with narrative text, images, and multimedia content, making it easy to harness the power of maps and geography to tell a story.

*If a fellow is interested in creating a Story Map for their fellowship project, ASTHO is pleased to announce the opportunity to have their map shared at ASTHO's Annual Meeting. This is an excellent opportunity to showcase the work of your health department and tracking to ASTHO members and partners.*

Get started with Esri Story Maps at <https://learn.arcgis.com/en/projects/get-started-with-story-maps/>.

For more Story Map resources, visit <https://storymaps.arcgis.com/en/resources/> and this useful blog article <https://blogs.esri.com/esri/esrainingmatters/2013/04/09/four-step-process-to-make-a-simple-story-map/>.