

## ArcGIS Online: Cities and Urbanization

This half-day workshop focuses on how to use technology to explore geographic issues related with cities and urbanization. Participants will use ArcGIS Online and GeoInquiries to explore worldwide challenges related with population growth and migration.

Agenda available at <http://www.geo.txstate.edu/tage/professional-development/workshops.html>

<b>Half Day Workshop</b>	
<p><i>Esri Acct Access Type: None.</i> <a href="http://esriurl.com/aqousestrategies">http://esriurl.com/aqousestrategies</a>  <i>Esri Level: Explorer</i> <a href="https://esri.app.box.com/v/aqoskillbuilder">https://esri.app.box.com/v/aqoskillbuilder</a>  <i>Social Studies TEKS: Middle School and High School</i>  <i>TEKS Alignment:</i></p>	
<b>Introductions and Welcomes</b>	<p><b>Introduction to presenters and TAGE</b>            TAGE, <a href="http://www.geo.txstate.edu/tage/">http://www.geo.txstate.edu/tage/</a>   <i>The Science of Where</i>, <a href="https://youtu.be/Kq8y7N1kxR4">https://youtu.be/Kq8y7N1kxR4</a></p>
<b>What is Geography? What do geographers do?</b>	<p><b>Geography Concepts Handout</b>, <a href="http://gato-docs.its.txstate.edu/jcr:20c2a154-cb86-4726-b389-d38a05575c5c/Human%20Geo%20Study%20Guide.pdf">http://gato-docs.its.txstate.edu/jcr:20c2a154-cb86-4726-b389-d38a05575c5c/Human%20Geo%20Study%20Guide.pdf</a>   <b>Basic Themes of Geography</b>, <a href="http://jeffreylash.com/wp-content/uploads/2016/07/Basic%20Themes%20of%20Geography%20Gersmehl.pdf">http://jeffreylash.com/wp-content/uploads/2016/07/Basic Themes of Geography Gersmehl.pdf</a>   <b>What do geographers do?</b>  <b>Geography Careers Story Map</b>, <a href="https://arcg.is/0ijGDb">https://arcg.is/0ijGDb</a>   <b>The Importance of Maps</b>,  <a href="http://www.esri.com/videos/watch?videoid=mR2CWUOSC08">http://www.esri.com/videos/watch?videoid=mR2CWUOSC08</a>   <b>Creating an Interactive City</b>, <a href="http://geospatialrevolution.psu.edu/episode2/chapter1">http://geospatialrevolution.psu.edu/episode2/chapter1</a>   <b>Who else uses GIS?</b> Geographic Information Degree</p>
<b>Intro to the GeoInquiry Process</b>	<p><b>GeoInquiry Process</b>  <a href="http://edcommunity.esri.com/~/_media/files/edcommunity/lesson%20files/g/geographic_inquiry_process.pdf">http://edcommunity.esri.com/~/_media/files/edcommunity/lesson%20files/g/geographic_inquiry_process.pdf</a>   <b>ArcGIS Online Five By Five</b>            Five Activities You Can Do in 5 Minutes Each to Build the Skills (No login required)  <a href="https://esri.app.box.com/ago5x5">https://esri.app.box.com/ago5x5</a></p>
<b>Intro to GeoInquiries</b>	<p><b>Urbanization</b>  <b>Introduction Video for urban areas</b> <a href="http://www.zdnet.com/article/watch-100-years-of-global-urban-growth-in-15-seconds/">http://www.zdnet.com/article/watch-100-years-of-global-urban-growth-in-15-seconds/</a>   <b>World population. GeoInquiry to explore the patterns of world population.</b>  <a href="http://education.maps.arcgis.com/home/item.html?id=7dcf4e8029fd4d499b79ab79a639b0ec">http://education.maps.arcgis.com/home/item.html?id=7dcf4e8029fd4d499b79ab79a639b0ec</a></p>



<b>BREAK</b>	
<b>GeoInquiry</b>	<p>Migration, on the move. Geo-inquiries to evaluate migration at global, regional, and local scale.</p> <p><a href="http://education.maps.arcgis.com/home/item.html?id=617e5171f1a34c1eb46fb42ffb7ee14f">http://education.maps.arcgis.com/home/item.html?id=617e5171f1a34c1eb46fb42ffb7ee14f</a></p>
<b>Teacher Explore &amp; Share</b>	Explore GeoInquiries and share how you would use them.
<b>Intro to Story Maps</b>	<p>What is a Story Map? <a href="https://storymaps.arcgis.com/">https://storymaps.arcgis.com/</a></p> <p>Importance of metadata and how learn more about the data use.</p> <p><b>Teacher Explore</b></p> <p><a href="http://noaa.maps.arcgis.com/apps/MapSeries/index.html?appid=614b4d96244047438599e8f8eca81b27">http://noaa.maps.arcgis.com/apps/MapSeries/index.html?appid=614b4d96244047438599e8f8eca81b27</a></p> <p><a href="https://storymaps.esri.com/stories/2014/census-metro-micro-change/">https://storymaps.esri.com/stories/2014/census-metro-micro-change/</a></p> <p><a href="http://www.arcgis.com/home/item.html?id=7d0b278827944efab4a692b1d6509e46">http://www.arcgis.com/home/item.html?id=7d0b278827944efab4a692b1d6509e46</a></p> <p><b>Analyzing Story Maps worksheet.</b></p>
<b>Evaluations &amp; Post-Workshop Support</b>	<p>Where to go from here? How to learn more? What will you do next?</p> <p><a href="http://www.geo.txstate.edu/tage">www.geo.txstate.edu/tage</a></p> <p><b>TAGE final workshop evaluation,</b> <a href="http://goo.gl/forms/rApv3DvuuFBRbQVq2">http://goo.gl/forms/rApv3DvuuFBRbQVq2</a></p>
<b>Resources</b>	<p>Getting Started with GIS for Educators, <a href="https://esri.app.box.com/v/gettingstartedforeducators">https://esri.app.box.com/v/gettingstartedforeducators</a></p> <p>ArcGIS book, <a href="http://www.thearcgisbook.com">http://www.thearcgisbook.com</a></p> <p>Esri Education, <a href="http://www.esri.com/connected">http://www.esri.com/connected</a></p> <p>GIS in schools/GeoMentors, <a href="http://www.arcgis.com/home/item.html?id=c369c6d9bb6d4232bb3ad066cd5b9280">http://www.arcgis.com/home/item.html?id=c369c6d9bb6d4232bb3ad066cd5b9280</a></p> <p>AGO Create an Account <a href="https://www.arcgis.com/home/createaccount.html">https://www.arcgis.com/home/createaccount.html</a></p> <p>Quick Start ArcGIS Online <a href="http://www.esri.com/library/brochures/pdfs/quick-start-arcgis-online.pdf">http://www.esri.com/library/brochures/pdfs/quick-start-arcgis-online.pdf</a></p> <p>Local to Global: Overview of geography themes <a href="http://www.geo.txstate.edu/tage/teaching-resources/resources/Local-to-Global.html">http://www.geo.txstate.edu/tage/teaching-resources/resources/Local-to-Global.html</a></p>