
ArcGIS Online in the Classroom

— Summer Institute for Climate
Change Education, June 2017 —

Session Goals

- Learn about different ways to engage students with ArcGIS Online related to climate change:
 - Geoinquiries
 - Story Maps
 - ArcGIS Online Mapping
 - Apps
- Learn about Esri Accounts for ArcGIS Online

Geoinquiries

Geographic Inquiry process +

ArcGIS Online maps =

Geoinquiry



[Sample Geoinquiry - Climate](#)

Story Maps

A combination of many “texts” (maps, photographs, videos, words) to tell a geographic story, one that includes location and place.

Student Climate-based project:

<https://ucfonline.maps.arcgis.com/apps/Cascade/index.html?appid=ce116405703e4015a049179273664b2d>

Storymap Land Cover

<http://noaa.maps.arcgis.com/apps/MapSeries/index.html?appid=e7eb6e9decb14c17a2fef4d36fee1714>

Geography Bee: Global Gallery of Pollinators

<http://storymaps.esri.com/stories/2014/bee-tour/>

ArcGIS Online Mapping

Create digital maps using ArcGIS Online ... use the handout to get started!

Apps

Esri apps allow users to use their own data to create maps:

Survey123

<https://survey123.arcgis.com/share/f83a1c0ac095479c92f0e440e95d523c>

Survey123 and Snap2map App

<http://www.esri.com/esri-news/arcuser/spring-2017/5-reasons-to-use-survey123-for-arcgis>

Accounts - ConnectED

State license:

<http://www.arcgis.com/apps/MapSeries/index.html?appid=c369c6d9bb6d4232bb3ad066cd5b9280>

Resources

<http://www.mappingglobalchange.org/>

<http://www.middleweb.com/24513/teach-climate-change-through-positive-action/>

Presenters

Jess Winkelaar, Social Studies Educator

jess.winkelaar@gmail.com

David Casey, Geography Teacher

ddcasey703@gmail.com