



Kentucky Geographic Alliance

February 2022

KGAlliance.org

This month's newsletter:

- **ArcGIS Online Competition for Middle and High Schools - prize \$\$**
- **NCGE Geocamp Professional Development**
- **ArcGIS Bundle - free**
- **ESRI Online Training**
- **Tornado story map**
- **Kentucky Giant Map**
- **Elementary Education**

ArcGIS Online Competition for Middle and High Schools Spring 2022 - Opportunity for Teachers & Students In Kentucky

The ArcGIS Online Competition for Middle and High Schools (AGO Competition) has just started and there is still time to sign up! Kentucky is participating in this national competition, and your students can enter. The AGO Competition is sponsored by ESRI, an international supplier of geographic information system software, web GIS and geodatabase management application.

The GOAL of this competition is for students to conduct and share projects about something in their home state (Kentucky). Ten entries will each win a \$100 prize. School applications will be available on the KGA website. Kentucky's applications are available at the link below.

Here is a link to the KGA website that includes more info about the ArcGIS competition and how to get started:

<https://www.kgalliance.org/2021-arcgis-online-competition-for-us-hsms-students.html>

NCGE Geocamps

The National Council for Geographic Education (NCGE) is offering a couple “geocamps” for teachers seeking adventure and professional development for the upcoming summer of 2022. They will be taking twenty-four K-12 teachers and will decide upon the participants via application. One geocamp will explore the Amazon while the other one will be taking a trip up to Iceland! Click the link below to decide where you will be going this summer and find out more about the application process!

<https://ncge.org/?s=geocamp>



ArcGIS Bundle

Bring Geographic Information Systems to your classroom by getting the ***FREE*** ArcGIS bundle! This includes a free license for ArcGIS software for public, private, and home schools. This is a special opportunity for you to teach your kids about the unexplored STEM industry that they most likely did not know about before.

Below is a link to the ArcGIS school bundle presented by ESRI:

<https://www.esri.com/en-us/industries/education/schools/schools-mapping-software-bundle>

Free GIS Training!

ESRI, an international supplier of geographic information system software, web GIS and geodatabase management applications, which created ArcGIS Online and ArcGIS Pro, is hosting ***FREE*** online tutorials in the upcoming months. The two upcoming teaching tutorials are six week programs that only require 2-3 hours of study per week. These trainings will involve spatial data analysis and imagery, which will both begin in April. To register and read more about these trainings, click the links below:

Spatial Analysis:

<https://www.esri.com/training/catalog/57660f19bb54adb30c9454b0/going-places-with-spatial-analysis/>

Imagery:

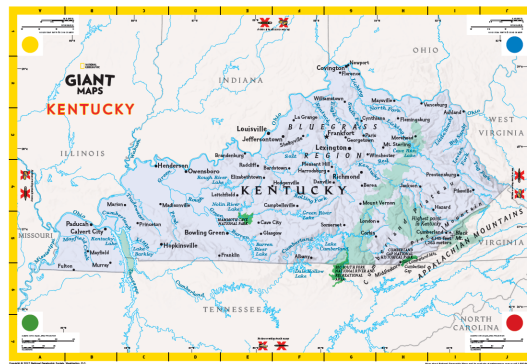
<https://www.esri.com/training/catalog/6074ab588e68a831e4d8974b/imagery-in-action/>

Kentucky Storymap

As many of you all know, the western portion of Kentucky was devastated by multiple tornados during the month of December. Bowling Green, the home of WKU where the KGA is housed, was unfortunately damaged by one of the tornados, so the KGA thought it was important to share the power of GIS and its role in the relief of the devastations. Listed below is a link to a story map which takes you through the process of relief, those who assisted, the technology used, and other components of the process used to support those who were affected:

<https://storymaps.arcgis.com/stories/814c3fa05b04461d95a0fdc6416300ee>

Kentucky Giant Maps



The Kentucky Giant Map project is underway. The plan is to have 6 KY Giant Maps placed around the state for teachers to check out and use at their elementary schools. The map comes with a tool-kit that includes lesson plans and accessories. General information about the giant maps can be found at <https://www.nationalgeographic.org/education/giant-maps/>.

The KGA is looking for a school or public library to be home to a giant map in *Mt. Sterling* and *Madisonville*. The host could be a teacher, a school librarian, a public library, or an Area Development District office; so long as the map is accessible by

teachers to check out for free in the larger regional area. Any interested “hosts” should contact us at kga@wku.edu. We would like to inform you that Giant Maps will not be available for purchase after March 15, 2022 according to National Geographic.

Elementary Education

Below you will find links that lead you to the KGA’s collection of lesson plans you may find helpful in the classroom. They include skills such as scientific data collection, geographic knowledge, and navigating a website. The second group of links include informative content that elementary students will also find interesting and engaging:

<https://www.kgalliance.org/uploads/5/6/2/5/56251881/met1.pdf>

<https://www.kgalliance.org/uploads/5/6/2/5/56251881/met2.pdf>

<https://fw.ky.gov/More/Pages/For-Kids.aspx>

<https://artsandculture.withgoogle.com/en-us/>

<https://worldmapper.org/>



Please forward the newsletter to any Kentucky educator you think would be interested in
the KGA's free geography resources.

KGAlliance.org

The KGA uses third party websites and does not provide the content for all resources in the newsletter.
We send you the resources to make you aware of various opportunities
that you might find useful in teaching geography.