



Kentucky Geographic Alliance

KGAlliance.org

March 2022

This month's newsletter:

- **NCGE Geocamp Professional Development**
- **ESRI Online Training**
- **Looking for something new?**
- **Nat Geo Educator Content for ALL grades**
- **Murray State GIS workshop**
- **ESRI Webinar!**
- **ArcGIS Bundle - free**
- **AGO Competition!**

NCGE Geocamp



The National Council for Geographic Education (NCGE) is offering “geocamps” for teachers seeking adventure and professional development for the upcoming summer of 2022. Unfortunately, the trip to the Amazon has been filled, but the Iceland trip still has spots open! **The deadline of April 5th will be here soon.** They will be taking twenty-four K-12 teachers and will decide upon the participants via application.

Click the link below to claim your spot to go to Iceland and find out more about the application process!
Below the first link is another that will help answer any questions you may have.

<https://ncge.org/professional-development/geocamp-iceland/>

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





ncge
National Council for
Geographic Education

GEOGRAPHY is a bridge to a better
understanding and appreciation
of all subjects.

GEOCAMPS SUMMER 2022...REOPENS

***Due to popular demand, NCGE has reopened the
2022 GeoCamp applications.
A limited number of spots are available and are on
a first-come-first-serve basis.
Don't wait and risk missing out on all the
Exploration and Discovery that Awaits...RESERVE
YOUR PLACE TODAY!***

GeoCamp Iceland

June 28 - July 8, 2022



This fantastic summer institute is a graduate-level equivalent, a short

GeoCamp Amazon

July 18 - July 27, 2022



Explore the Amazon for nine magical days. A place where the endless

Free GIS Training!

ESRI is an international supplier of geographic information system software, web GIS and geodatabase management applications, who created ArcGIS Online and ArcGIS Pro. They are hosting **FREE** online tutorials in the upcoming months. There are two teaching tutorials that 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. You will find the links below. We have also included two other training series. One begins in the upcoming fall and the other is a do-it-yourself training series which lasts 4 weeks. This training series gives you more flexibility. 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/>

New Frontier in Analytics:

<https://www.esri.com/training/catalog/5d76dcf7e9ccda09bef61294/spatial-data-science%3A-the-new-frontier-in-analytics/>

Do-It-Yourself:

<https://www.esri.com/training/catalog/57660ed7bb54adb30c9454a3/do-it-yourself-geo-apps/>

Nat Geo Educator Content (All Grades)

National Geographic Society has a resource library collection of maps and mapping information you can utilize in your classroom. Listed below is a link to the website in which the topics of GIS and Geography have been selected to help narrow your search. It includes interactive maps such as “Mapping Trachoma to Eliminate Blindness” and activities called “Gender Roles in Jewish and Muslim Cultures.” With all the options, there should be something that can be used in any discipline.

https://www.nationalgeographic.org/topics/maps-and-mapping/?q=&page=1&per_page=25

The screenshot shows the National Geographic Society website's 'Maps and Mapping' resource library collection page. The page is titled 'RESOURCE LIBRARY | COLLECTION' and 'MAPS AND MAPPING'. It features a central text block, a search bar, and a list of search results.

RESOURCE LIBRARY | COLLECTION

MAPS AND MAPPING

Saved by 208 educators

Whether your map is paper or digital, mastering the basics of reading it are vital to finding your way around and understanding how the world works. Maps are fantastic visual tools that can help us communicate spatial concepts and patterns, tell stories, and analyze data. However, there are some challenges to translating Earth onto a flat surface without adding bias or inaccuracies. Fortunately, cartographers have the training to minimize these issues.

Maps have been a part of the National Geographic Society since the beginning. Gilbert H. Grosvenor, the first full-time editor of National Geographic, described maps as “the greatest of all epic poems. It’s lines and colors show the realization of great dreams.” Learn more about the basics of reading a map, creating a map, and choosing the best map projection.

GRADES
5 - 8

SUBJECTS
Geography, Geographic Information Systems (GIS)

Search Library by Topic

Showing results 1 - 25 of 35

MAP

Martian Map
58
Geography
Rectangular, colored, labeled map of Mars, and two circular

Looking for something new?

If you are interested in learning about new and exciting GIS content that does not require you to stare at a screen, then look no further. Recently I have gotten into listening to podcasts while traveling from point A to point B to pass the time, and I came across a special podcast that caught my eye. The “Esri & The Science of Where Podcast” is a podcast that can be streamed for free via Spotify, Apple Podcasts, Google Podcasts, and many others. I recommend you listen to their featured episode “Biodiversity and the Bottom Line-The Power of Smart Maps.” The link below will lead you to the ESRI website featuring different episodes and streaming services:

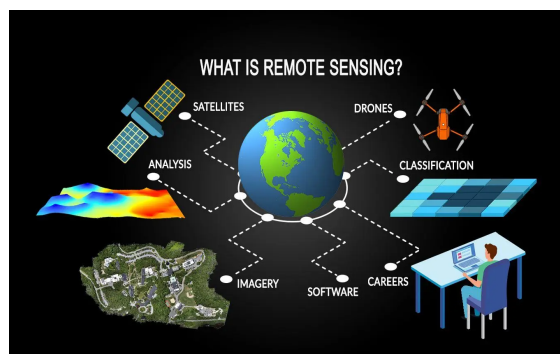
<https://www.esri.com/about/newsroom/podcast/>



GIS Workshop

Murray State University will be hosting a virtual “Remote Sensing and Geographic Information Systems workshop” which will take place on April 22, 2022 from 8:30 a.m. to 4:30 p.m. CT. The application deadline is April 4. Follow the link below for more information on this educational opportunity.

<https://www.kentuckyteacher.org/bulletin-board/2022/03/murray-state-hosting-virtual-remote-sensing-and-geographic-information-systems-workshop-april-22/>



ESRI Summer Webinar

Esri will be hosting a webinar this upcoming summer on Thursday May 12th from 7:00pm - 8:00pm. This webinar will feature speakers heavily experienced with GIS and Esri products including Tom Baker who is the education manager for Esri. ESRI describes the webinar as follows, "Got summer plans? GIS can enhance your experiences, whether at a teacher workshop, on a family road trip, strolling the neighborhood, or planning for fall classes. If you have kids in your life or want to get some great tools for working with kids, join us!" The link below leads to the webinar page in which you can find the link to register for the event!

<https://www.directionsmag.com/webinar/11417#overview>

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>

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>

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.