GeoMentors
AAG · esri · Community Newsletter

Current GeoMentor Count:
1,114
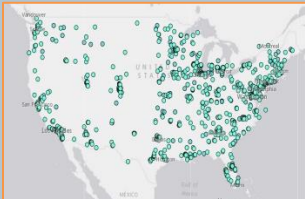
Current School Count:
3,165

Questions?

Contact program staff at
geomentors@aag.org

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School's out for summer! (Or it will be soon…) While it's time for students to take a break from the books, it's a great time for you to make connections with K-12 educators for new collaborations and lesson plans in the fall. Enjoy sunshine-filled vacations, but consider using some of your well-earned down time to pursue new volunteer opportunities! Have questions? Reach us at **geomentors@aag.org**.
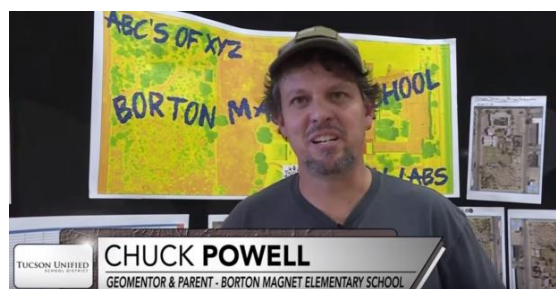
Monthly Mentor Challenge

The possibilities for using GIS are seemingly endless, as are the ways to use geospatial technology in K-12 education. It can be difficult to determine how to get started volunteering and what type of activities to assist with. This month we challenge you to:

Read our online GeoMentor case studies for examples and ideas of how you can help a school

We've recently added more **case studies** to our collection. Learn how your fellow GeoMentors are making a difference and consider if their approach and activities might be something you'd like to pursue in your area!
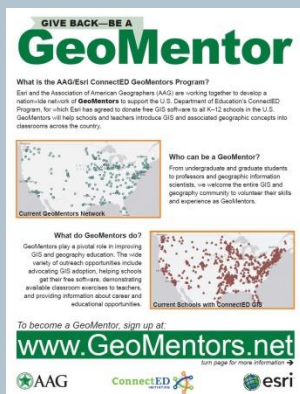
Borton Magnet School GIS Showcase

One of our superstar GeoMentors, Chuck Powell, has developed an amazing collaboration with Borton Magnet School in Tucson, Arizona. They recently had their 1st Annual Mapping and Spatial Gallery where K-5th grade students showcased their projects from this year using ArcGIS Online, Collector, Survey123, and Story Maps. Check out a **video** highlighting the event from the School District! Great work Chuck!

CHUCK **POWELL**
GEOMENTOR & PARENT - BORTON MAGNET ELEMENTARY SCHOOL

Share **this flyer** with your geo-friends and colleagues to help grow our GeoMentors community!

Join our GeoMentor Online Communities

@AAGGeoMentors on Twitter

AAG GeoMentors Knowledge Community

AAG GeoMentors Facebook Page

Esri GeoNet GeoMentors Group

Get a Free Pin!

Share your GeoMentor experience as a **case study** and receive the Esri GIS Innovator pin!

GeoMentor Spotlight

Each month we feature a GeoMentor volunteer to showcase the wonderful talent available in our community to assist K-12 schools.

Name: Daniel Yelito

Position/Affiliation: Transportation Services Manager, Northeastern Pennsylvania Alliance

What was your favorite class in K-12? My favorite class from K-12 was Geography in 1969. I only had geography in the fourth grade. The teacher was explaining what a globe was and I was fascinated by the sphere shape. When I held the globe I said, "Look I have the whole world in my hands." That was my introduction to the world and everything in it. The subject resonated with me from that very moment.

How did you first learn about and/or use GIS? I first learned about and began using GIS in 2011 when I accepted a Transportation Planning position with the Northeastern Pennsylvania Alliance Metropolitan Planning Organization (MPO). I was hired to perform a statewide Transportation Infrastructure Inventory through the Pennsylvania Department of Transportation and Federal Highway Administration. This project includes using Esri's ArcGIS Mobile Application to locate and authenticate transportation infrastructure such as bridges and roads that have not been previously mapped by PennDOT. This open data collection is to be used to determine municipal, county, state and federal transportation infrastructure needs.

Name one thing you love about GIS and/or geography.
It's the world and everything in it. Geography touches all disciplines such as the arts, history, science and math, environmental sciences, business and the economy, engineering and technology, literature, language and the social sciences like civics and politics, and the list goes on. The geospatial applications are endless which I find alluring.

Why did you want to volunteer as a GeoMentor? It's important to me to pass on my knowledge to future generations and to inspire others. I enjoy working with younger generations sharing my knowledge and experiences with the expectations of leaving a Geo-Inheritance behind.

If someone asked you why they should learn about GIS and/or geography, how would you respond in one sentence? Like a map, geography will direct you where you want to go for career choices and understanding your surroundings is a fundamental principle that can develop a fascinating direction in life.

*Read Daniel's full spotlight and previous spotlights **here**. Want to be featured? Go **here** for more information.*

Featured Resources:
New GeoInquiry Sets for Field Testing

GeoInquiries are designed to be fast, easy-to-use instructional resources that incorporate advanced web mapping technology. Each 15-minute activity in a collection is intended to be presented by the instructor from a single computer/projector classroom arrangement. No installation, fees, or logins are necessary to use these materials and software.

Esri continues to build upon the GeoInquiry collection with 2 new sets of activities: **Grade 4 Interdisciplinary** and **Advanced Environmental Science (high school).** These sets are under development and teachers are encouraged to field test activities and provide feedback online. The Grade 4 Interdisciplinary set includes topics such as: biomes and ecosystems, time zones, street maps, settlement patterns, and energy production. The Advanced Environmental Science set includes: megacities, dead zones (water pollution), marine debris, tropical deforestation, and El Nino.

Newsletter Archive

Check out previous issues in our **archive**!

Get your Certificate!

Tell us about your activities and receive an official **certificate of participation!**

Bethany Hall
@bhall1821

Can you spot the geospatial professional in a sea of 4th graders? @AAGGeoMentors

Questions? Contact us at geomentors@aag.org
www.geomentors.net

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