

Mapping Our World: Getting Started with GIS

GeoTech Conference 2012



GPS Resources

- GISetc (GPS units, GPS loaner program, GPS lesson plans) <http://www.gisetc.com>
- Geocaching <http://www.geocaching.com>
- Earthcaching <http://www.earthcache.org>
- Confluence Project <http://www.confluence.org>
- GPS Drawing <http://www.gpsdrawing.com>

GIS Software Tools

- Online Mapping – *free* all you need is a web browser
 - Map Viewer tool (java based)
 - ArcGIS Explorer Online (Silverlight based)
- Virtual Globes – *free* desktop software
 - *Google Earth (Mac or PC)*
 - *ArcGIS Explorer (AGX) (PC only)*
- Desktop GIS
 - *ArcGIS (PC or Mac running parallels and Windows)*
 - *My World GIS (Mac or PC)*

Online Mapping Sites

- National Atlas <http://www.nationalatlas.gov>
- World Mapper <http://www.worldmapper.org>
- MLA http://www.mla.org/map_main
- National Historical GIS <https://www.nhgis.org/>
- GIS for History <http://www.gisforhistory.org/>
- Gulf of Mexico Data Atlas <http://gulfatlas.noaa.gov/>



My Literature and Geography Map Portal

<http://www.barbareeduke.com/mymaps>

National Center for Rural STEM Education Outreach-Geospatial Technology

STEM GIS Lessons <http://www.isat.jmu.edu/stem>

Esri Online GIS Community, Maps and Data

www.arcgis.com

Esri Education Community & Maps

- Educaiton Community <http://edcommunity.esri.com>
- Geography Maps <http://esriurl.com/edteamportal2>

Recent Articles

- “Going Places with GIS in Education and Geography”
 - Directions Magazine: <http://www.directionsmag.com/articles/going-places-with-gis-and-geography-in-education/215834>
- “Geo-Cool: Exploring with Geotechnologies”
 - Learning & Leading with Technology: http://www.learningandleading-digital.com/learning_leading/20100910#pg30
- My Links and Resources: www.barbareeduke.com/downloads/downloads.htm

Books

- *Reading, Writing and Thinking Around the Globe: Geospatial Technologies for the English Language Arts Classroom and Beyond* by Barbaree Ash Duke
- *20 Minute GIS for Young Explorers* by Barbaree Duke, Anita Palmer and Roger Palmer
 - <http://www.barbareeduke.com/gisetc/mymaps>
- *Our World Series: Thinking Spatially, Mapping Our World, Analyzing Our World & Making Spatial Decisions* (Napolean & Brook; Palmer, Palmer, Malone & Voigt; Kolvoord & Keranen)



Webinars



- “Where Do You Start with GIS in Education?” Wednesday, February 8th, 8pm Eastern with Charlie Fitzpatrick, Esri Education Manager <https://www3.gotomeeting.com/register/718506014>
- National Council for Geographic Education Webinar Program: www.ncge.org/webinar-schedule

Contact Information

Barbaree Ash Duke

Email: barbareeduke@gmail.com

Website: www.barbareeduke.com

Blog: <http://gisined.blogspot.com>

Store: <http://www.gisetc.com/shop>

Twitter: @barbareeduke