**Geography Educators’ Network of Indiana/GENI Zoom Room**

Indiana Council for the Social Studies

2020 Annual Conference Virtual

October 21/22/24

Hosted by: Troy Hammon, Shortridge High School, International Baccalaureate Programs &

 Kathy Lamb Kozenski, GENI Executive Director

* WELCOME!
* Introduction to a few ***Teaching & Learning with GIS*** geo-resources
	+ *M&M Community Map* activity
	+ IndianaMap (<https://maps.indiana.edu/>)
	+ IndianaView (<https://www.indianaview.org/>)
	+ iNaturalist (<https://www.inaturalist.org/>)
	+ GeoSpatial Tutorials on GPS, Remote Sensing, and GIS (<https://geni.iupui.edu/?page_id=214>)
		- * Tutorial I: Land Use Change (high school)
			* Tutorial II: Water & Drought, Two Sides of the Same Coin (high school)
	+ GIS for Middle School Students: Natural Hazards (<https://geni.iupui.edu/?page_id=482>)
		- * Zombie Apocalypse (lesson plan and aerial imagery; assets and liabilities)
* ESRI ArcGIS educator account/student bundles (<https://www.esri.com/en-us/industries/education/schools/schools-mapping-software-bundle>)
* Geo-Inquiries in various disciplines and grade levels (<https://www.esri.com/en-us/industries/education/schools/geoinquiries-collections>)
* Story Maps
	+ What is it? (<https://storymaps-classic.arcgis.com/en/gallery/#s=0>)
	+ Start templates (<https://storymaps-classic.arcgis.com/en/app-list/>)
* Indianapolis metropolitan area geography data via SAVI (Social Assets & Vulnerabilities Indicators) (<https://www.savi.org/>)
* Josheph Kerski (<https://www.josephkerski.com/>)
* The Degree Confluence Project (<http://confluence.org/>)
* Books:
	+ Me on the Map by Joan Sweeney (2-12)
	+ How to Make an Apple Pie and See the World by Marjorie Priceman (K-6)
	+ There’s a Map on My Lap by Tish Rabe (3-6)
	+ The Tiny Seed by Eric Carle (2-6)
	+ The Lorax by Dr. Seuss (4-12)
	+ Warm as Wool by Scott Russell Sanders (3-6)
	+ The Littlest Duckling by Gail Herman (PK)
	+ Mapping Penny’s World by Loreen Leedy (4-7)
	+ Lindsey the GIS Professional by Tyler Danielson (<https://www.bolton-menk.com/books/lindsey/Lindsey.html>) (4-12; on-line free book)
	+ The Seagoing Cowboy by Peggy Reiff Miller (4-12; IN connection; Heifer Project)
	+ The Water Wars by Cameron Stracher
	+ Cod: A Biography of the Fish that Changed the World / The Cod’s Tale… by Mark Kurlansky
	+ Salt: A World History / The Story of Salt by Mark Kurlansky
* Questions/Sharing/Ideas/Geo-Needs
* Upcoming P.D.
	+ Creating Maps from Excel (webinar, 1 PGP)
	+ Creating a Dashboard (webinar, 1 PGP)
	+ Indiana and the Census (webinar, 1 PGP)