

<https://globemeduofm.wordpress.com/2014/02/19/world-view-literally/>

Welcome Cohort 2!

Professional Development Workshop on Integrating Geospatial Technology into the HS Classroom



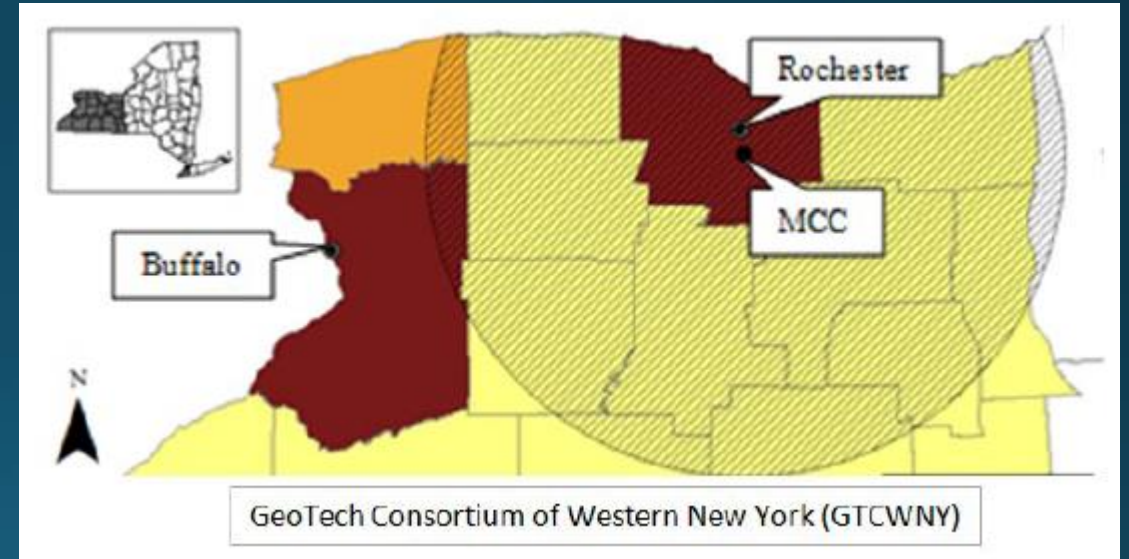
The GeoTech Consortium of Western New York was funded through the U.S. National Science Foundation (NSF) Office of Advanced Technological Education under Grants Award # 1501076 to Monroe Community College.



Monroe Community College
STATE UNIVERSITY OF NEW YORK

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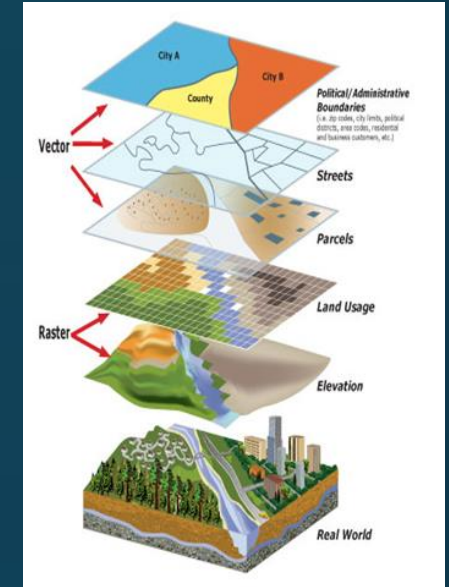
- What is Geospatial Technology?



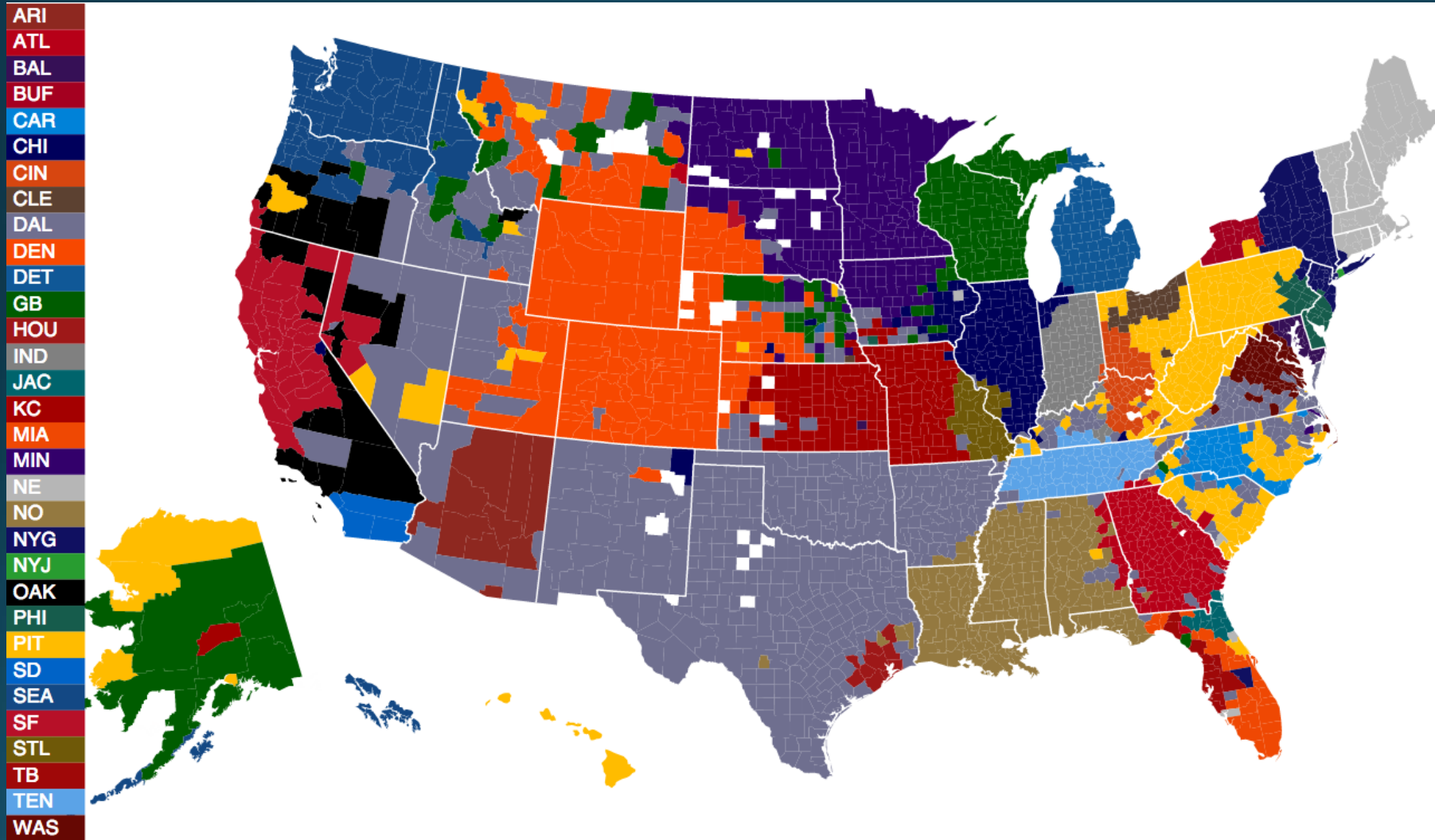
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What is Geospatial Technology?

- **Geographical Information Systems (GIS):** capture, analyze, and present all types of spatial or geographical data
- **Global Positioning System (GPS):** determine location with latitude/longitude
- **Remote Sensing:** Taking aerial images from above to collect data using planes, drones, and satellites. Pictometry and RIT connection

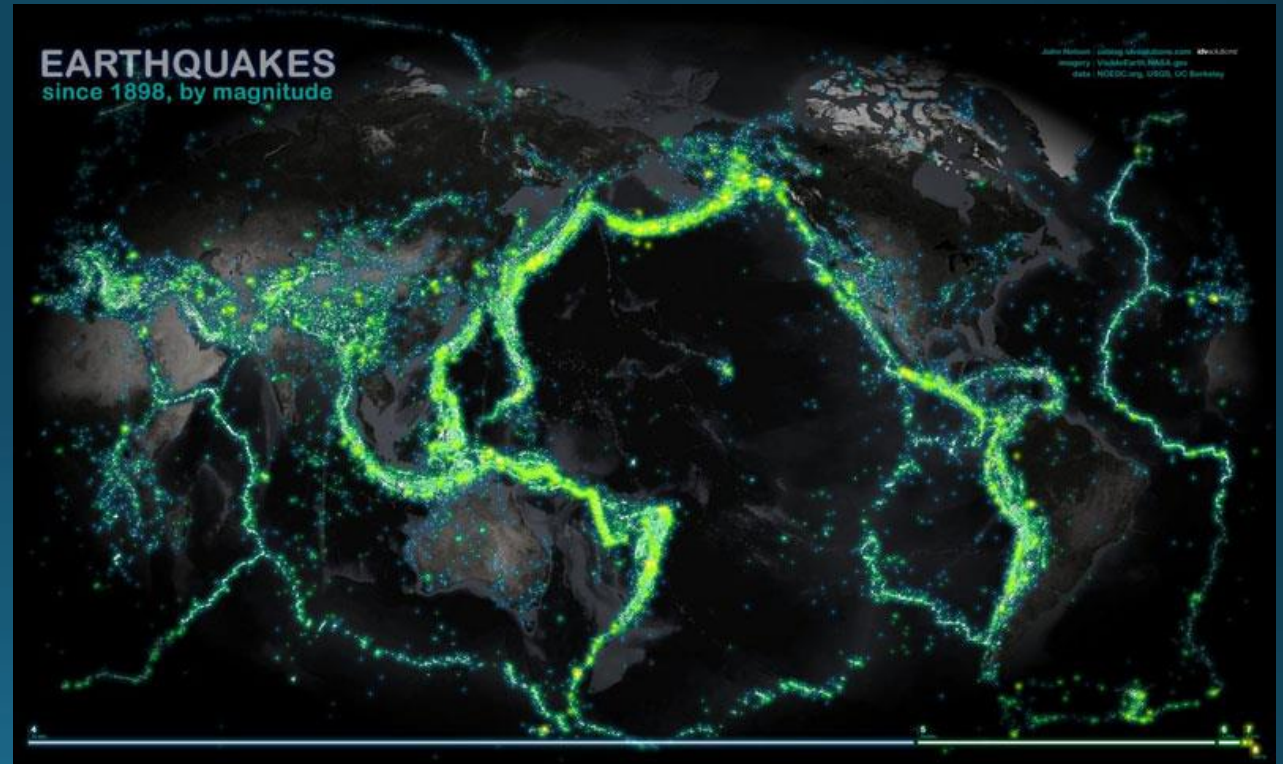


2014 NFL Football Fans



GTCWNY's Professional Development Instructors

- Jonathon Little, PI
- Heather Pierce, co-PI
- We are here to help you!

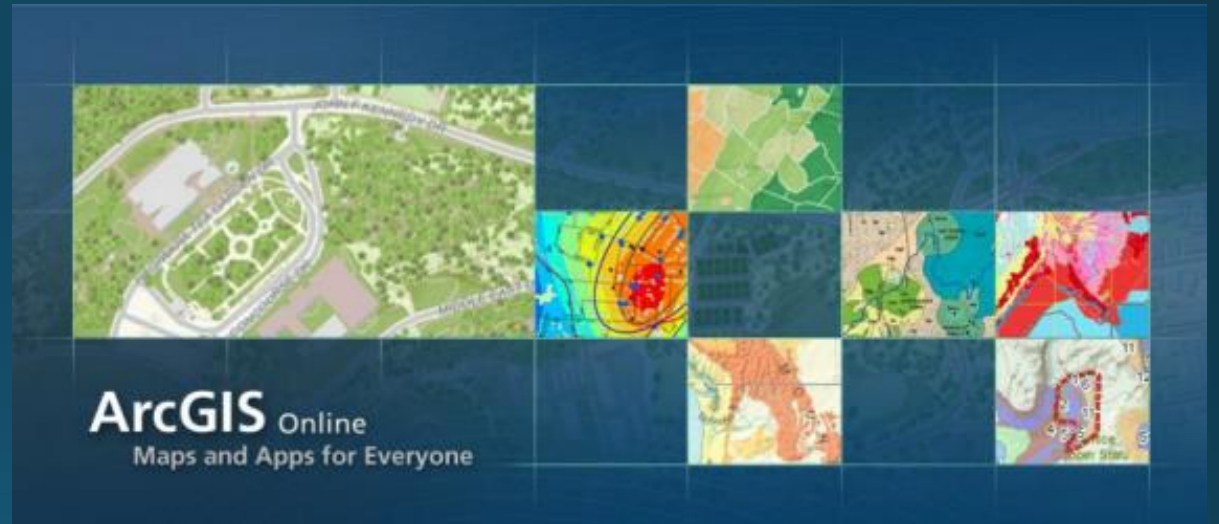


<http://matadornetwork.com/life/57-worlds-interesting-maps/>

Introductions & Questions?

- Cohort 2 HS Teachers
 - Linda Antonio
 - Sarah Atseff
 - Jeffrey Donlon
 - Daniel Goodwin
 - Teresa Lawrence
 - Andrea Lynch
 - Ellen Post
 - Deborah Rowe-Jarrett
 - David Sands
 - Diane Sudz

School, grade(s), subject...



- Donna Lange: Evaluator, RIT Professor
- Guest Speakers:
 - Joseph Becker, Nic Garrison, and Thomas Cuyler (GIS Scholars)
 - Steve Fedor (Webster Thomas)

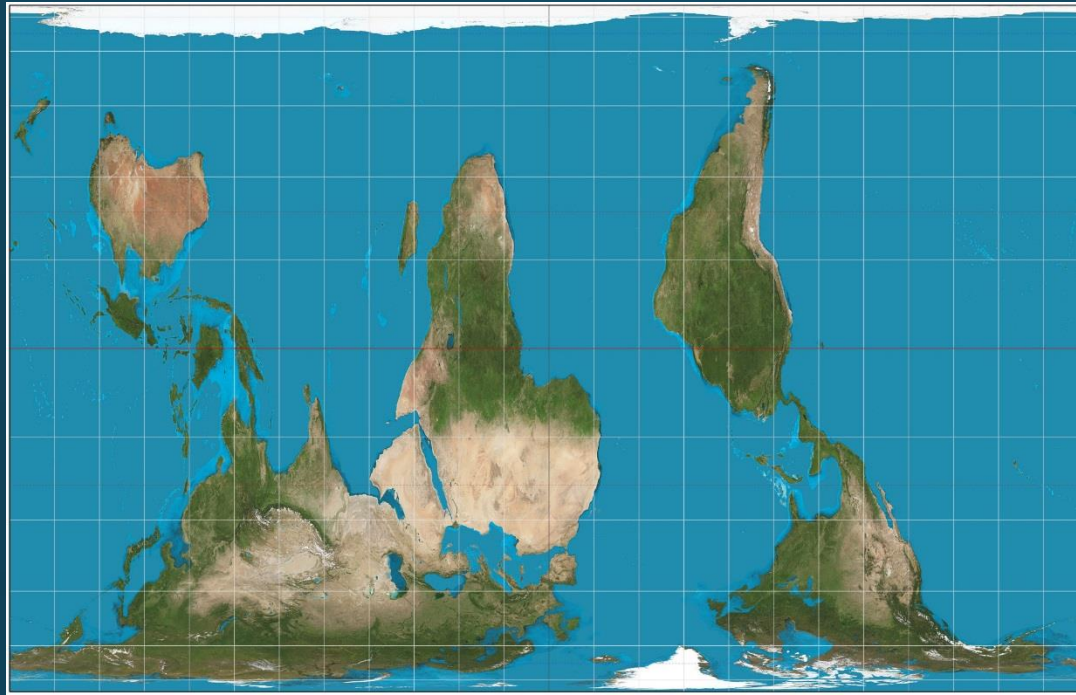
NSF GTCWNY Objectives

- **Objective 1:** Embed GIST content into secondary STEM disciplines through professional development of HS teachers.
- **Objective 2:** Develop dual credit opportunities for high school students within 50 miles of the College.
- Objective 3: Build a credit based geospatial certificate program
- Objective 4: Using a Capstone course, GTCWNY will expand college students' GIST opportunities in regional GIST markets.
- Objective 5: MCC full and part-time faculty will be involved with professional development (e.g., externships).

Cohort 2 Goals

- Complete Aug 16/16 Professional Development (PD)
- Attend 2 hour Fall PD
- Implement GIS activity in class this fall
- Discuss Dual Credit Later





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