

Welcome Cohort 1!



What is Geospatial Technology?



Geospatial Technology is the use of geographic information systems (GIS) and remote sensing to collect, store, analyze, and display data that is linked to a geographic location.

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 satellite technology.

Remote Sensing: Taking aerial images from above to collect data using planes, drones, & satellites. Photography & RTI connection.



GTCWNY's Professional Development Instructors

Jonathan Little, PI  
Heather Platon, co-PI  
We are here to help you!



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 1 Goals

<> Complete Aug 19/20 PD  
<> Implement GIS Activity in class this fall.  
<> Attend Fall PD

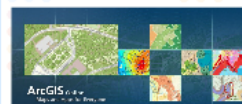


Discuss Dual Credit Later

Introductions & Questions?

**Cohort 1 HS Teachers**  
Kurt Albers  
Cathleen Anne Carolyn  
Carcoran  
Ann DeMers  
Kay Farkas  
Stephen Fedor  
Susan Gross  
Sara Hanflin  
Lynn Pantano  
Paul Root  
Ken Steffen

School, grade(s), subject...



Donna Horn-Div. of Sci, Tech & Health @ RIT  
Bill Ottman-Div. of Sci & Tech @ Webster  
Donna Lange-Executive, RIT Professor  
Joseph Becker-Div. of GIS Scholars

2012 NFL Football Fans



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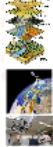
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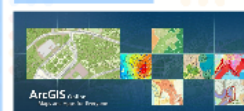


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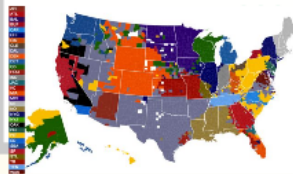
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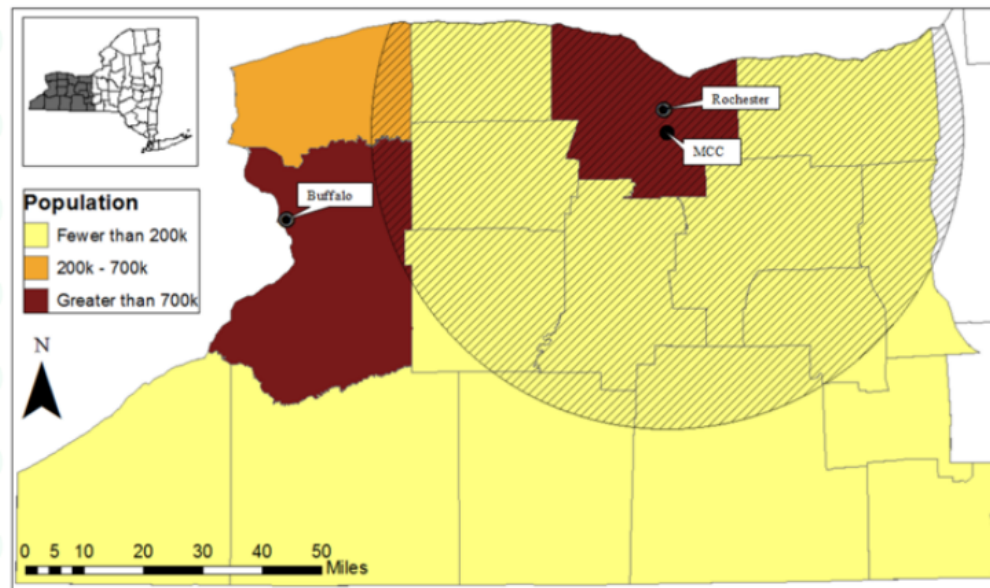
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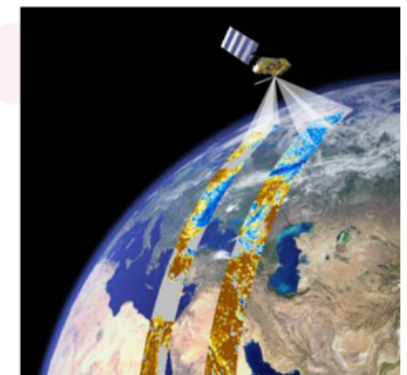
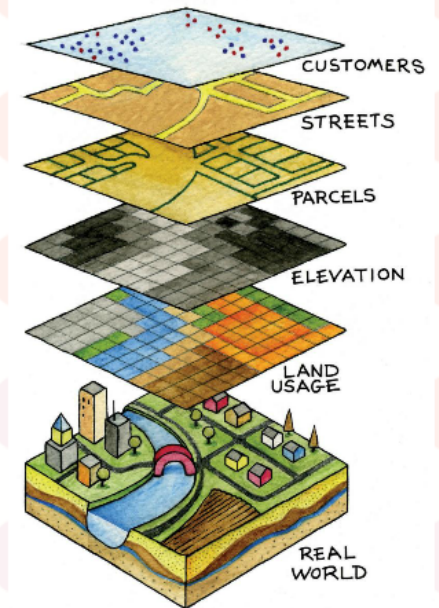
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**Global Positioning System (GPS):** determine location with latitude/longitude

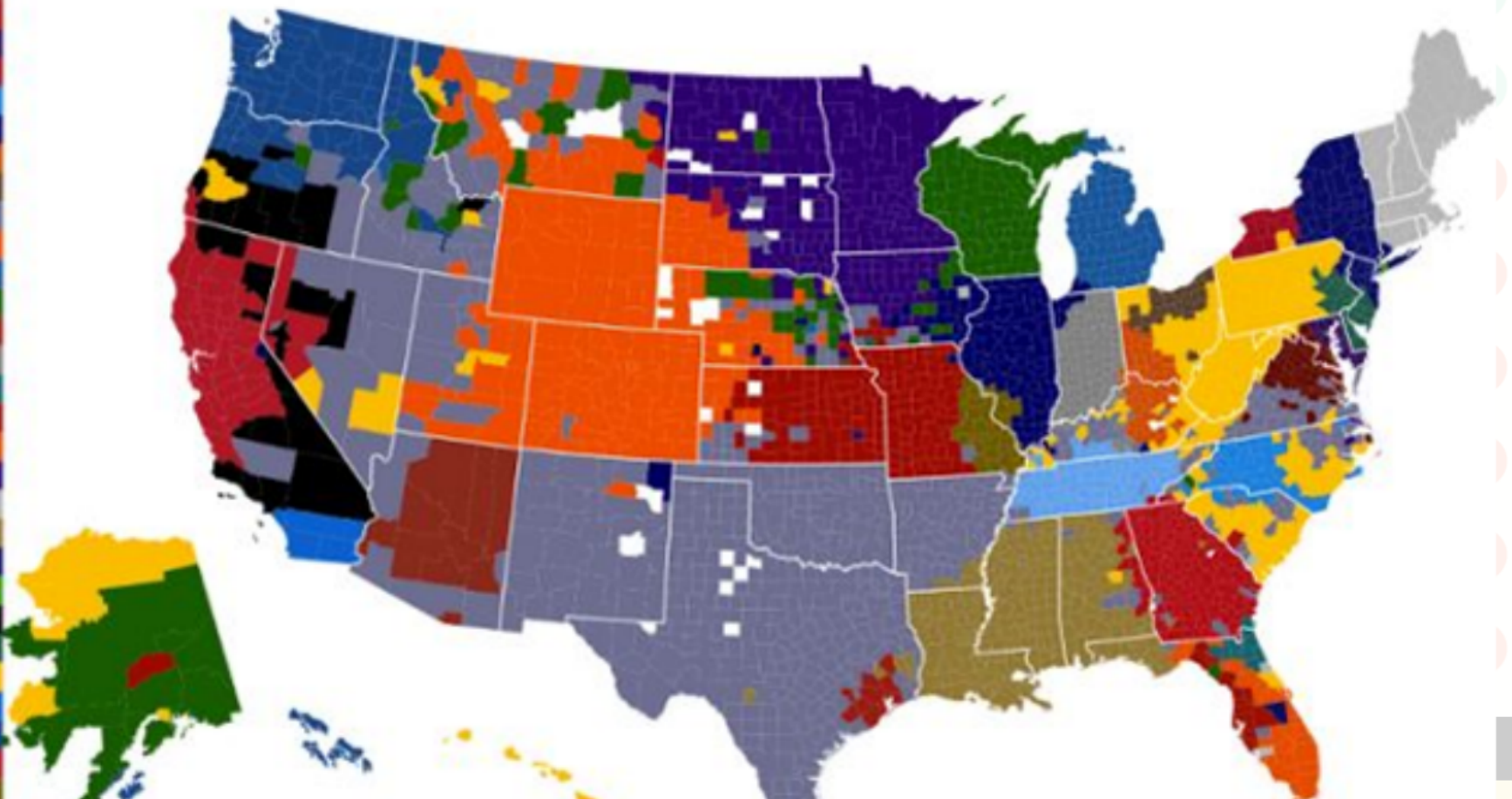
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## 2012 NFL Football Fans

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KC  
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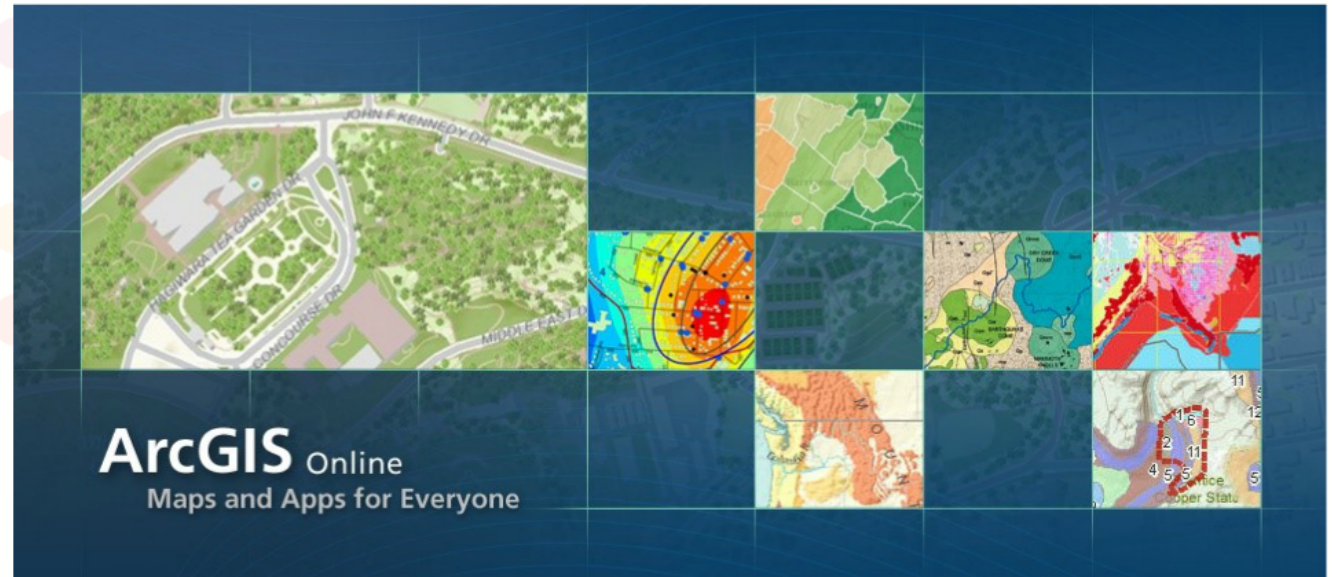
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*School, grade(s), subject...*



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*Joseph Becker-Dir. of GIS Scholars*

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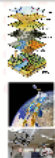


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