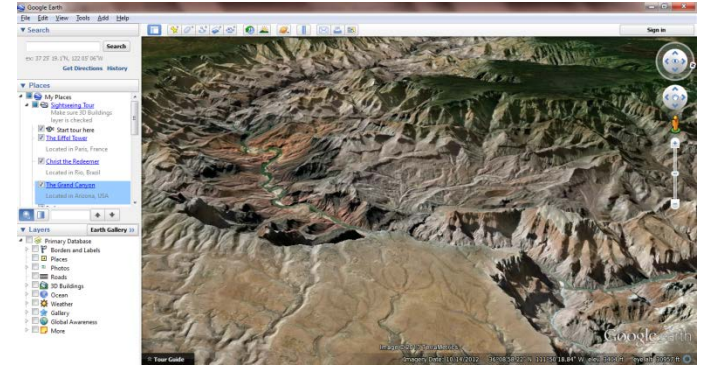


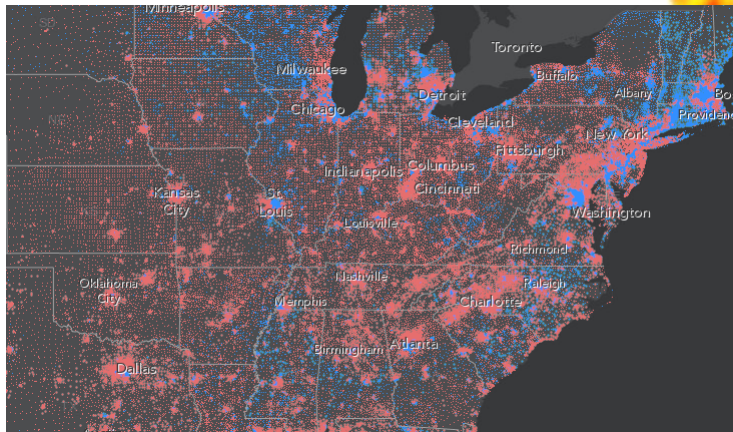
# **GEOG 495: GIS for Environmental & Socioeconomic Applications**

**9:40 am – 10:55 am, Tuesday & Thursday – BGB 405; Instructor: Liem Tran, Ph.D.**

This is an upper-level GIS course for senior undergraduate and graduate students in geography, earth sciences, economics, resource management, and other environmentally-related disciplines who are interested in GIS applications in environmental and/or socioeconomic studies.



The course objectives are two-fold: (1) to obtain a thorough understanding of the subject – GIS Applications – from a theoretical viewpoint (i.e., conceptual frameworks for spatial analysis, spatial relationships, analytical methodologies,



geospatial analysis, spatial data models and methods, geometric and related operations, queries, distance operations, directional operations), and (2) to acquire practical GIS analytical skills for GIS applications.

***Stimulating, Critical, and Practical (and fun, too)***