GEOG 473/573 GIS: Data Creation & Integration

Department of Geography, South Dakota State University
Fall 2019 (3 Credit Hours), Course Capacity: 15

Instructor: Dapeng Li, Ph.D.

Location: Wecota Hall 100

Lecture Time: Tuesday   5:00 PM - 6:50 PM

Lab Time: Thursday   5:00 PM - 6:50 PM
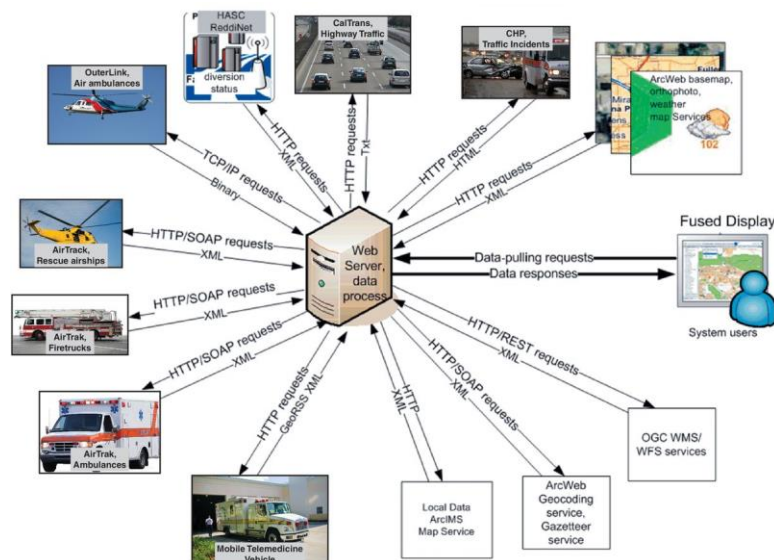
Prerequisites

GEOG 372: Introduction to GIS or equivalent course/experience.

Course Description

This course covers Geographic Information Systems (GIS) from a more international perspective. Specifically, the topics include principles of GIS and the creation, management, and integration of different types of GIS data. The students in this course will learn the theoretical underpinnings of GIS and develop GIS skills through hands-on lab exercises and a final project. The software to be used is the newest ArcGIS Pro from ESRI.

Who should take this course?

This course is a must for those who want to learn how to more efficiently handle and use various GIS data in a research or professional setting. Those who want to learn how to use the newest ESRI ArcGIS Pro are also encouraged to take this course.

Please feel free to contact me if you have any questions. Email: dapeng.li@sdstate.edu