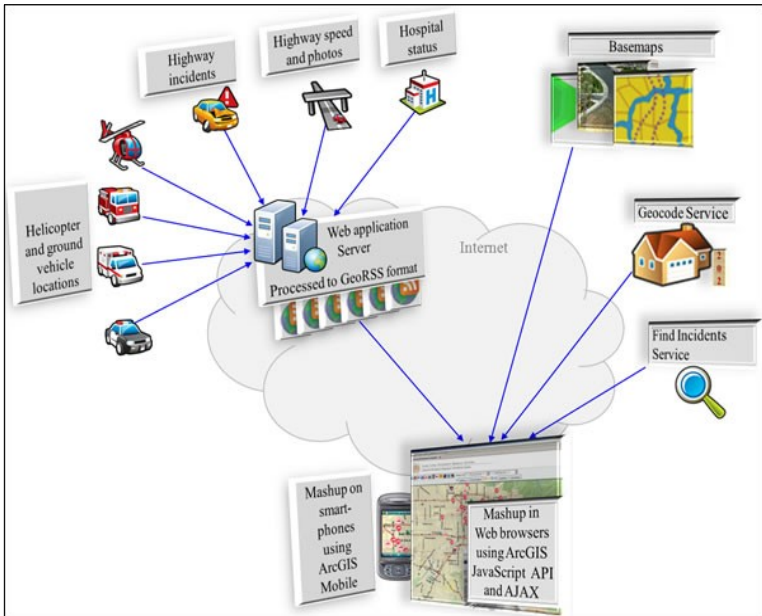


GEOG 5165/6165 Web GIS



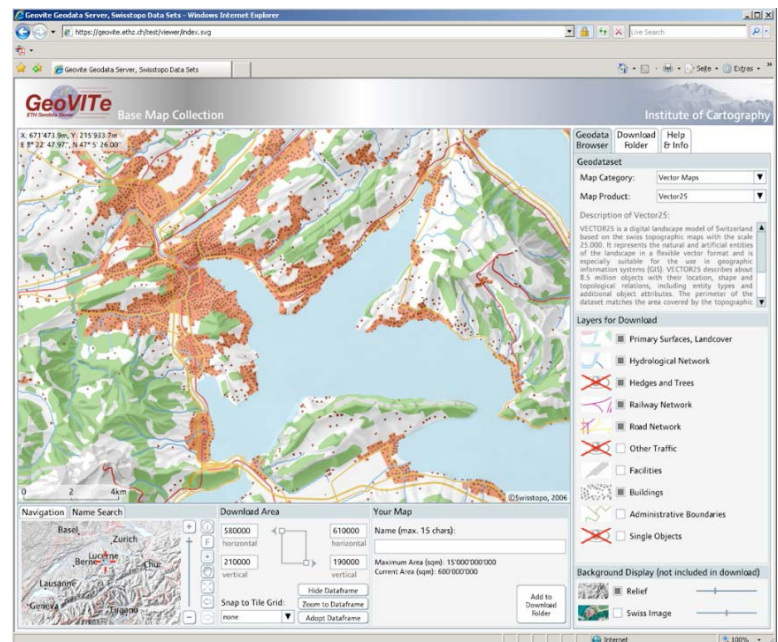
With the Internet being the main source of information and communication for many people, the demand for accessing information via maps is increasing at a rapid pace.

Geographic Information Systems (GIS) are quickly moving towards a web-based environment where everyone can access GIS data/functionality regardless of location and GIS skill level.

This course provides students with an understanding of the current state of Web GIS and how GIS can be leveraged via the web.

After completing this course, students will be able to:

1. Explain the difference between Desktop, Distributed, Web, and other forms of GIS.
2. Explain the ever-expanding role of the Web in GIS development and applications.
3. Develop a basic webpage using HTML 5, CSS 3, and JavaScript.
4. Develop a basic Web GIS application to meet an academic or industry need.
5. Deliver a professional quality research presentation based on their basic Web GIS application.



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Spring 2017

Monday
4:35pm – 7:35pm
AEB 330