University of Washington
Geography 469 GIS Workshop, Spring 2016
Project Proposal Guidelines
Contact: Professor Tim Nyerges, nyerges@u.washington.edu

The 2016 spring quarter offering of Geography 469 GIS Workshop course at the University of Washington seeks GIS projects from community partners. The GIS Workshop is a quarter-long capstone course for mostly undergraduate, mostly geography, seniors, and first year graduate students. The capstone course is an integrative technical and social experience in GIS project development applied to a community-oriented GIS project. Groups of three students work with project partners to complete GIS projects.

Student groups in the course complete a sequence of project assignments that are structured in a way to complete projects within one-quarter. The assignments proceed through:
1) scoping, definition, and requirements
2) database design
3) cost-benefit and risk analysis
4) database implementation
5) geospatial analysis
6) presentation, and
7) final report submission

Project management and technical skills are emphasized learned in the quarter-long project. Project management skills include scheduling and communication skills. Every student takes a turn as project lead during one of the weeks. Technical skills include geospatial data management, data analysis, and geovisualization. Students are expected to have taken at least two GIS courses before enrolling in Geography 469. Project development challenges involve technical, scheduling, and/or communications issues that are likely to arise from time to time. Instructors and partners assist students with these challenges by recommending options, but students make choices as appropriate for resolution and achieving solutions.

The following information is requested of organizations. Statement of interest (SOI) as an email response with organization and couple sentence description of topic is due by March 1, 2016. SOI will be vetted soon after arriving to Tim Nyerges' email inbox. Please use a brief "SOI: XXX project title" within email message subject heading.

Topic/Title:

Organization:

Contact Name:

Two sentence description of project:

A full project proposal is required of every project. A full proposal is due by March 7, 2016. Please submit proposal of about one-page using the following outline; as this project description with full information is provided to students in the week before classes start to get them thinking about project selection. This paragraph is not needed in that proposal. Thank you.

Topic/Title:

Organization:

Contact Name:

Email Address:

Personnel from organization to be involved:

Data available:

Project Description:

Expected benefits to organization:

Expected benefits to students: