

Assignment #4
URPL 969 – Applied GIS Workshop
Spring 2007

Class Project – GIS Analysis of Land Use in Milwaukee’s Historic Fifth Ward/Walker’s Point Neighborhood

This year’s class project is a land use inventory and analysis of the Historic Fifth Ward/Walker’s Point area in Milwaukee. This area is just south of downtown and bounded by the Inner Harbor, Milwaukee River, I-94, and National Avenue. The area is characterized by a variety of land uses and is changing rapidly. There is still a fair amount of industrial use and one of the highest concentrations of jobs in the city. A plan for the area is just getting started and the City is interested in seeing the area retain and grow its job base, while following smart growth principles during redevelopment. The area has a strong Hispanic presence and has some coastal dependent uses that are being impacted by large-scale residential development along the water.

The class project will be presented to interested faculty and staff on campus on Wednesday, May 9th from 1:00 to 2:15 pm in Room 208, Old Music Hall and to collaborators from Milwaukee via WisLineWeb - web collaboration software operated by UW Extension - on Friday, May 11th from 1:00 to 2:15 pm. This will originate from Room 327 in the Pyle Center. The presentation will be divided into three parts: an overview of the course and class project; thematic maps derived from LBCS and MPROP attributes; and the use of GIS to explore catalytic projects, smart growth principles, and coastal dependent uses in the study area.

A final report based on the class project will be compiled by the instructor after the presentations. The report will document the methods, as well as the time and effort required to conduct an LBCS survey in an urban setting. It will also include a tutorial demonstrating how GIS can be used to conduct land use analyses with LBCS data. The goal is to publish the report and share it with the broader planning community. To do so, the following products are assigned.

- Maps generated for the LBCS or MPROP attribute that were individually assigned. These maps should be easily incorporated into a collective Powerpoint presentation.
- A short report that describes the purpose of the maps you created from your assigned LBCS or MPROP attributes and the steps used to create the maps.
- Maps generated for the planning/neighborhood issue that you selected (catalytic projects, coastal dependent uses, smart growth principles). Again, these maps should be easily incorporated into a collective Powerpoint presentation.
- A short report (completed as part of a group effort) that describes the planning/neighborhood issue maps and the steps used to create them.

Due date: Friday, May 11th