SFSU Accessible Maps Objective

Serve autonomy of every individual by providing for Universal Access to information organized by maps. Beyond ADA compliance, this approach to mapping views navigation, orientation and spatial decision-making as a human right.

Mapping System Requirements

- Design should be technology independent employing readily available software and hardware.
- 'Views' of maps are customized to user need.
- Data must be reliable and therefore easy to maintain and modify.

Development Plan

Phase 1 Research Summer-Fall 2009

Results available from
http://humanorigins.org/lab/access-cartography/index.html

Phase 2 Modify existing campus maps Spring-Summer 2010

Use manual techniques to improve accessibility.
Descriptions and samples available from:
http://humanorigins.org/lab/access-cartography/index.html

Phase 3 Systems Implementation Summer-Fall 2010

Create working Geographic Information System to manage spatial content of public maps at SFSU. Test templates of custom 'Views" with representative users, develop user profile instrument.
Output, sample tables, system diagrams and testplans are available from
http://humanorigins.org/lab/access-cartography/index.html

Phase 4 Deployment Spring 2011

Stabilize and locate SFSU Access GIS for team use. Train technicians to generate maps based upon user profile. Iterate based on results.