The Past Year

- USC Geography Department moved into refurbished space which included new computer resources, classrooms, & labs
- More than half the faculty departed for various reasons
- Department underwent a regularly scheduled academic review
- These three developments have afforded us an opportunity to imagine a completely new future.

The Current Year

- Several key decisions were made in light of faculty departures and academic review …
  - A newly appointed Spatial Science Faculty Advisory Committee is busy preparing proposals for doctoral and undergraduate spatial science programs
  - USC Geography Department will cease to exist as of 30 June 2010
  - Geographic Information Science & Technology Master’s and Graduate Certificate Programs will be retained and slated for growth
  - GIS Research Laboratory will be repositioned and strengthened
  - Center for Sustainable Cities has been moved to School of Policy, Planning and Development

GIST Online Programs

- M.S. Degree & Graduate Certificate Programs
- Full suite of semester-length courses
  - Concepts for Spatial Thinking (R)
  - Spatial Databases (R)
  - Spatial Analysis and Modeling
  - Geospatial Project Management
  - GIS Programming and Customization
  - GIS/GPS Field Techniques (R)
  - Remote Sensing for GIS
  - Cartography and Visualization
  - Web GIS
  - Master’s Thesis

GIST Online Courses

- Assignments in each of these courses cater to multiple disciplines (business, civil engineering, earth science, public health, etc.)
- Full range of software training and support – for example we have deployed Citrix to provide server-side implementations of ESRI desktop suite for our students
- GIS/GPS Field Techniques includes a one-week field experience on Catalina Island
- We are about to launch a new geoportal to share geospatial datasets with faculty, students, public, etc.

GIS Research Lab

- Newly designated ESRI Development Center
- Manages campus site licenses
- Provides various web services
- Large investment in variety of geospatial software & applications
- 5 faculty, 12 doctoral students, 4 master’s & undergraduate research assistants, & 3 support staff
New Programs …

- Spatial Science Doctoral Program
  - Spatial Thinking & Analysis
  - Geospatial Information Management
  - Geocomputation
  - More …

- Spatial Science Undergraduate Program
  - Cartography & Visualization
  - Field Techniques
  - Introduction to Geographic Information Systems
  - Principles of Geographic Information Science
  - Remote Sensing

New Collaboration Opportunities

- We need to connect our students with your worlds …
- Doctoral students – high risk, multi-year projects with flexible deadlines
- Master’s students – smaller, less ambitious projects that can be completed in ≤ 9 months
- Undergraduate students – semester-long collaborative projects, internships, etc.

Questions …

Spatial Science Programs
http://spatialscience.usc.edu/

GIST Programs
http://college.usc.edu/gist/

GIS Research Laboratory
http://gislab.usc.edu/