Introducing GIS and Spatial Analysis into the Planning Curriculum

Richard LeGates
ACSP Conference
Kansas City 2005
Topics

- Who we are
- What we will do today
  - Panel
  - Lab session
- GIS Curriculum development projects
- GIS books
- ESRI virtual campus materials
Topics

Who we are

- What we will do today
  - Panel
  - Lab session
- Spatially integrated social science
- GIS Curriculum development projects
- GIS books
- ESRI Virtual campus materials
Who we are

• Richard LeGates
  – Professor of Urban Studies, SFSU
  – PI, NSF Space, Culture, and Urban Policy grant
  – PI, CSISS SPACE SFSU Summer workshop, 2005

• Ayse Pamuk
  – Associate Professor of Urban Studies, SFSU
  – Co-PI, NSF Space, Culture, and Urban Policy grant
  – Instructor, CSISS SPACE SFSU Summer workshop, 2005

• Stuart Sweeny
  – Associate professor of Geography, U.C. Santa Barbara
  – PI, CSISS SPACE UCSB Summer workshop, 2005

• Brian Parr
  – Workbook director, ESRI Virtual campus
  – Co-author *The Digital City* (ESRI Press 2005)
Topics

• Who we are

What we will do today
  – Panel
  – Lab session

• GIS Curriculum development projects
• GIS books
• ESRI Virtual campus materials
What we will do today

• Panel 2:00 – 3:30
  – 10 minute intro (LeGates | Sweeney)
  – 10 – 15 minutes presentations
  – Panel discussion
  – Q & A

• Lab 3:30 – 5:30 and 7:30 – 8:30 Friday AM
  – Try out/view instructional modules (LeGates, Pamuk, Paar)
  – Try out public domain spatial analysis software GeoDa, Flow Mapper (Sweeney)
Topics

• Who we are
• What we will do today
  – Panel
  – Lab session
  
  GIS Curriculum development projects
• GIS books
• ESRI Virtual campus materials
CSISS/SPACE (U.C. Santa Barbara)
Space, Culture, and Urban Policy

(San Francisco State University)
Welcome

The National Institute for Technology and Liberal Education (NITLE) was established in September 2001, through a grant from The Andrew W. Mellon Foundation, to serve as a catalyst for innovation and collaboration for national liberal arts colleges as they seek to make effective use of technology.

NITLE works with three regional technology centers to develop an integrated set of programs and projects that enhance teaching, learning, scholarship, and information management for 81 colleges.

NITLE Holds Fourth Al-Musharaka Seminar

Eleven faculty members and two librarians representing nine colleges and six disciplines joined forces to create a shared resource for faculty teaching about Islam, the Arab World, and the Middle East. One group focused on Islam, establishing the framework for a wiki that includes extensive resources and pedagogical considerations. While this group concentrated at the seminar on developing the season on prayer, the nature of the wiki as a collaborative writing space will enable all the members of this group to continue to build on the framework after they return home.

A second group focused on media, and in particular coverage of the war in Iraq. They used NITLE’s Colloquium software to create a learning object on framing war news.
Other GIS Curriculum Development Projects

**AEGIS Project**
Eric Fournier
Samford University

**Social Explorer**
Andrew Beveridge, NYU

**Saguaro Project**
xxx, University of Arizona
Topics

• Who we are

• What we will do today
  – Panel
  – Lab session

• Spatially integrated social science

• GIS Curriculum development projects

• GIS books

• ESRI Virtual campus materials
Tutorials for learning ArcGIS Operations
Textbooks for learning GIS concepts
Topics

• Who we are
• What we will do today
  – Panel
  – Lab session
• Spatially integrated social science
• GIS Curriculum development projects
• GIS books

ESRI Virtual campus materials
Thank you!