

**Associated Colleges of the South  
Technology Fellows Program  
Report**

**GIS in the Biological and Environmental Sciences  
Laboratory**

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The project aimed to facilitate the integration of GIS into existing science curriculums throughout the ACS. The project developed labs for the Biological and Environmental sciences that can be utilized without extensive training. The labs use ESRI Arcview software. The data is readily available either through the project website or the internet (with the link to the data at the beginning of each page). The labs were designed to be easily implemented into any pedagogical style. An instructor's guide was created to help instructors adapt, modify, and utilize the labs. Also, on the project web site are links for GIS support, an introductory PowerPoint, and a tutorial.

The project has been continually assessed in an informal manner, by both students and colleagues. Through assessment, the original project was slightly modified resulting in the combination of two of the Earth Science labs (now offered as part 1 and part 2), the creation of an introduction to GIS PowerPoint, and the creation of a Cancer Biology lab. A mass email to all ACS biology departments with a basic project overview, and a link to the project website will serve as dissemination. Also, the Instructor page offers a link to my email for continual assessment.

The project website is: <http://panther.bsc.edu/~sthornbe/ACS.htm>