Technology:

Google Mapping Tools

Google Earth and Fusion Tables enabled students to employ mapping and geographic visualization tools in Geology and Peace and Conflict Studies courses.

Class Size: 15-60

Learning Goals:

• Present research in a visual, map-like manner
• Improve understanding of spatial relationships
• Present research results to entire class
• Provide an alternative to a standard research paper
• Develop quantitative literacy
• Apply plate tectonics concepts to landscape analysis; move to higher level of understanding; 3D terrain analysis

Description:

Geology students created Google Earth tours for selected areas of research, presenting layers and explanations in visual components and providing accompanying narration. PCON used Google Fusion Tables to create chloropleth maps to highlight data on a country by country basis.