



GIS in the Classroom: Teachers and Students Using Geographic Information Systems

By Marsha Alibrandi

Heinemann USA, United States, 2003. Paperback. Book Condition: New. 224 x 152 mm. Language: English . Brand New Book. Marsha Alibrandi takes us to the cutting edge of teaching social studies and environmental education using Geographic Information Systems (GIS). A computer application for urban planning, weather reporting, and geological and demographic studies, GIS has been increasingly employed by teachers to help students improve their geographical and critical thinking skills. Alibrandi presents an overview of this technology and examples of how it can transform your classroom. Geography is everywhere and so is GIS! GIS is just the right tool for students to explore, question, integrate, analyze, interpret, evaluate, and act on information. Alibrandi offers stories of teachers and students from the U.S. and Canada who have harnessed the power of GIS to conduct original research. Follow these students as they employ GIS to: conduct water quality testing where pollution and reduced flow had impacted local shellfish beds develop a profile of their city during the pre- and post-Civil Rights era by interviewing African American adults who had attended their school address community needs, including Food Bank distribution routes and site locations for child care facilities? solve problems in Canada, from transportation...



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