A Data Browser for the ...

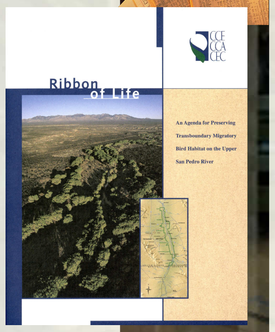
San Pedro Watershed

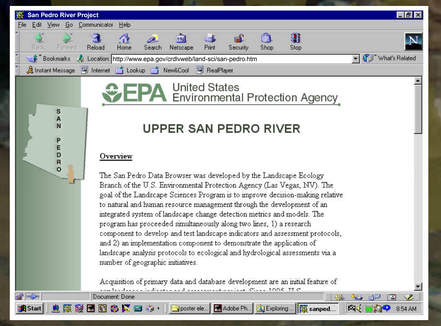
EPA U.S. Environmental Protection Agency

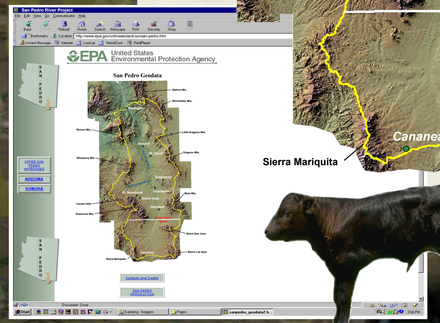
Abstract

The way we communicate is rapidly changing. Print, radio, television, and computers have a great impact on the speed, volume and substance of what we can comprehend. The Internet joins all of these types of communication and adds something more to form the basis of a very powerful communication tool. People can use the Internet to receive news, weather, sports, market products, and talk to other people around the world. The additional benefit of Internet communication is the ability to readily organize and distribute what you need to say for a changing audience. Scientists use this tool to exchange ideas, share results and distribute data with other scientists. The flexibility of the Internet permits scientists to also inform people of recent scientific findings which otherwise might not be communicated or be available to the public.

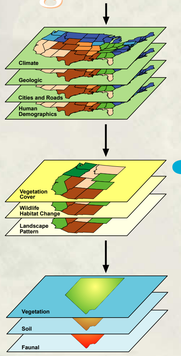
The Landscape Ecology Branch of the U.S. Environmental Protection Agency assembled a biophysical database for the San Pedro River Watershed. This effort started as a result of a recommendation from the Commission for Environmental Cooperation's report **Ribbon of Life**, 1999, which states, "A San Pedro watershed database should be developed to unite and organize available data for the public and experts." This data, gathered from many different agencies, is unique in that it represents landscape patterns and biological and physical processes which occur within the San Pedro River Watershed or catchment area. Waters which flow through the catchment area will be affected by these processes. For example, if soils are nutrient rich, rain waters will carry some of those nutrients through and eventually out of the San Pedro River Basin. Progress is being made to link landscape assessment methods with water quality data. We believe that landscape level assessments of watersheds will help the public see their home from a different perspective. With this perspective, wise decisions can be made on land use practices to help protect and improve our environment.







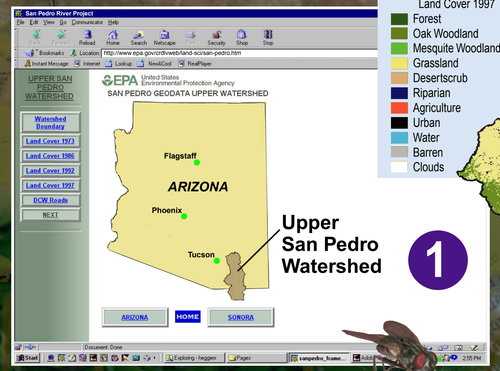
Begin Analysis of Data



Landscape Ecological Assessment

Knowledge helps people make good decisions

Environmental Results



Upper San Pedro Watershed

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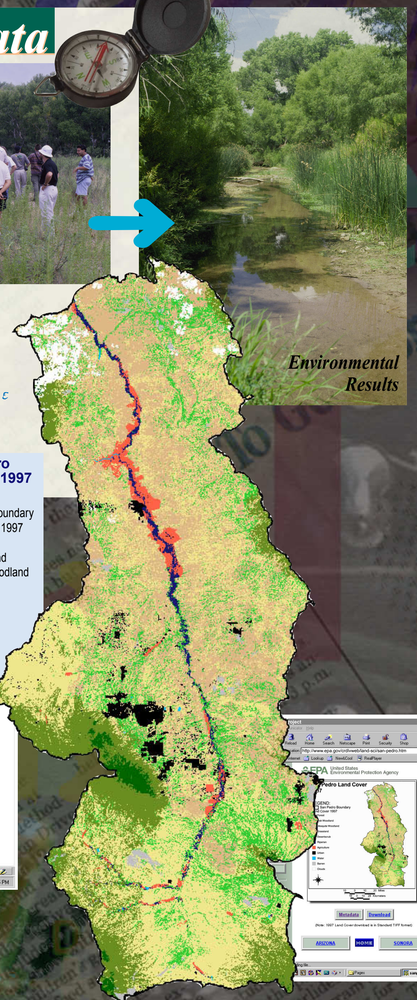
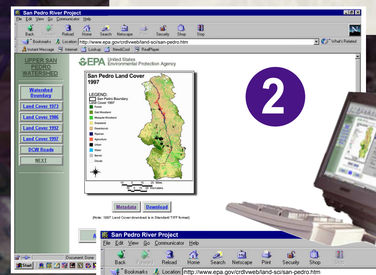


Data Download



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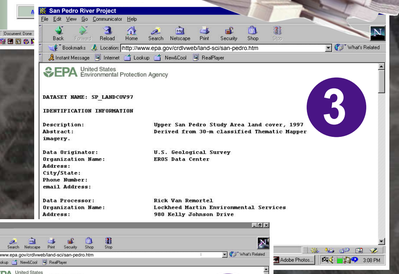

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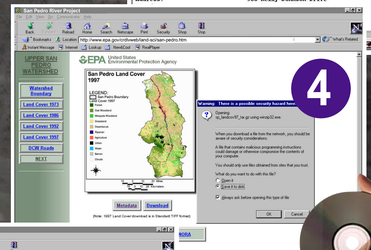

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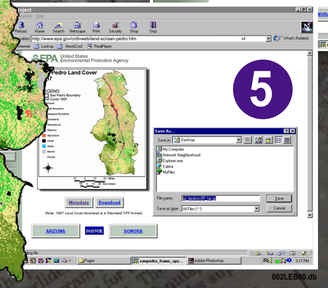

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The San Pedro Data Browser provides spatial data in a user-friendly and accessible on-line format to other researchers, public agencies, resource managers, non-governmental organizations, decision-makers, and user groups. The Data Browser features easy data download and includes the data documentation *(metadata)* to assure data usability. This product provides for long term record keeping *(archiving)* and easy access to an exceptional assemblage of spatial data for this internationally significant watershed.

See **http://www.epa.gov/crdlvweb/land-sci/san-pedro.htm** for more information.

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