



REGIONAL WORKBENCH CONSORTIUM
Using the Technologies of Tomorrow for the Problems of Today

All RWBC Projects:

[RWBC Web Development Project](#)

The purpose of the web development project is to provide information display methods and web services to researchers and users of the RWBC web site.

[Colonia Diez De Mayo](#)

Colonias and Irregular Human Settlements in the U.S.-Mexico Border Region
Creating a Collaborative Plan for Community Redevelopment and
Transnational Investment in Urban Infrastructure at the San Diego-Tijuana Border

Project funded by the UCSD Civic Collaborative and Superfund Basic Research Program

[Watershed Planning Support System](#)

We are building a watershed-scale partnership that will extend the information and visualization innovations of university research to a group of local and regional government agencies and private companies, all seeking to address crucial problems in sustainable economic and regional development. The partnership's overarching goal is to work together in building an integrated watershed-based information system and set of visualization tools that can help break down barriers to effective planning and environmental management at a regional/watershed scale.

[Regional Planning Chronologies](#)

This project takes the "long look" at equity through the official, invisible, and visionary planning histories of San Diego. We are looking at innovative ways to make use of information technology to provide integrated views of regional planning history.

[3D Regional Canvas for the Californias. Part 1](#)

Spatial distribution of natural and man made features respond to the sinuosity of the terrain relief and to the relative height or depth from sea level. Proximity to the coastline is also an influential factor. A digital elevation model for the Southern California-Northern Baja California is pursued as a 3D canvas to be draped with different themes for a better understanding the transborder region of the Californias.

[3D Regional Canvas for the Californias - Part 2: Web-based Educational Version](#)

The web-based version of the Regional WorkBench Consortium's 3D Regional Canvas of the Californias is intended to provide free access to 3D visualization tools from anywhere in the world for decision-makers and educators in a wide range of disciplines including regional planning, water quality management, sustainable development, and homeland security.

[Online Interactive Mapping of Superfund Toxicants and Quality of Life Indicators](#)

Online interactive mapping applications of the San Diego/Tijuana are being developed as a means of providing democratic access to environmental and social geographic information. These applications will allow citizens, researchers, and professionals to be able to build a better holistic "picture" of the current state of the entire region.

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