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The Interplay Between Water Institutions and Practices in the U.S.-Mexico Upper San Pedro Basin: Is Economic Development Sustainable Where Transboundary and Regional Policies Conflict?



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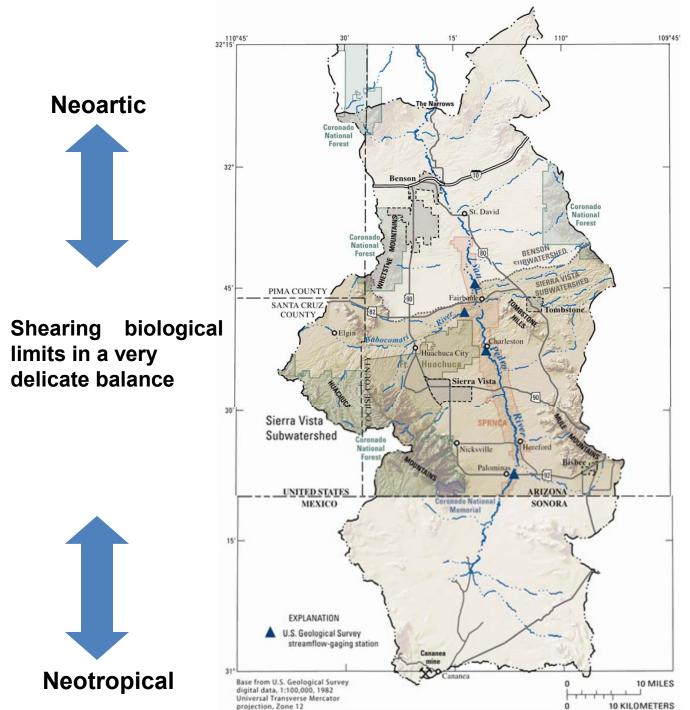
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MEXICO-U.S TRANSBOUNDARY WATERSHED

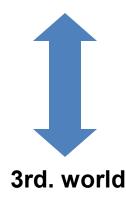




conomic. social

1rst. world

Economic, social, politic and cultural boundary

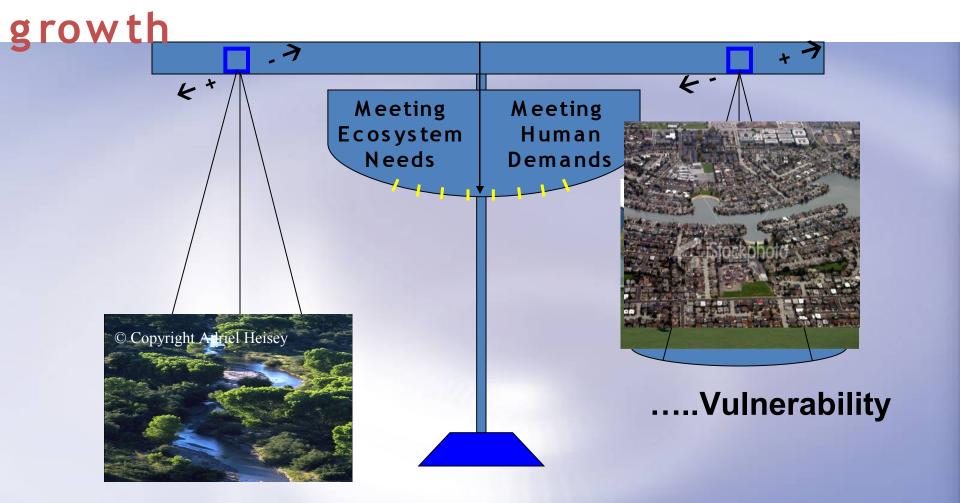


U.S.-Mexico San Pedro River Basin: Socioecological context





Finding the balance: Conflict between ecological system services/values and economi



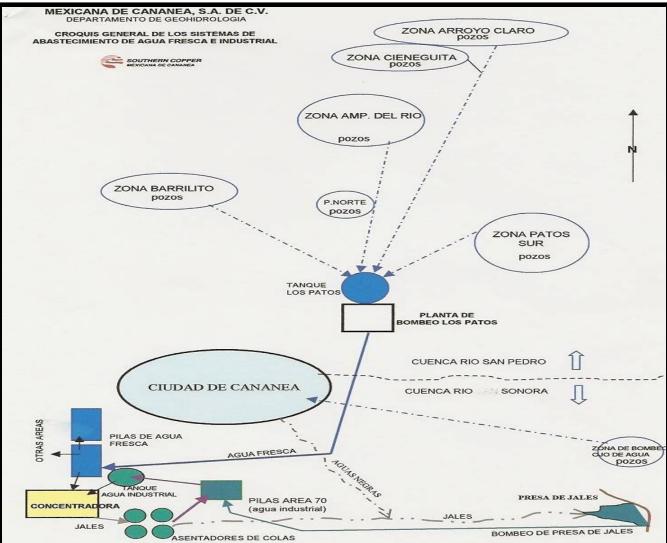
TERRITORIAL PLANNING



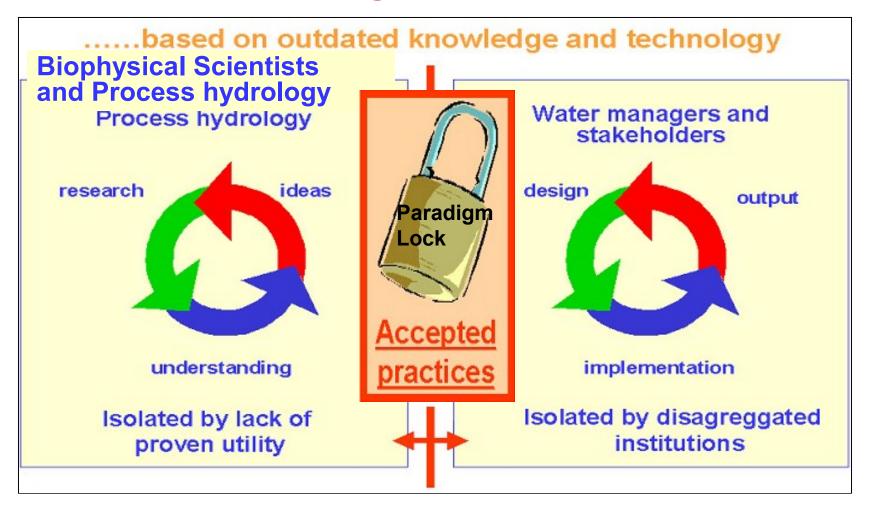
Two different municipal counties and three different hydrologic basins

SITUATION OF THE WATER

RESOURCES



Role of HELP in promoting effective transboundary IWRM & building socioecological resilience

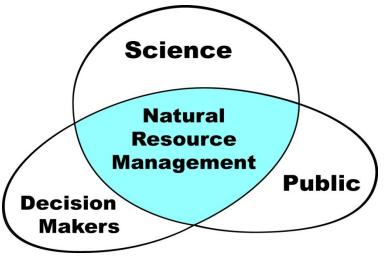


Resilience of institutions depends on the development of social capital







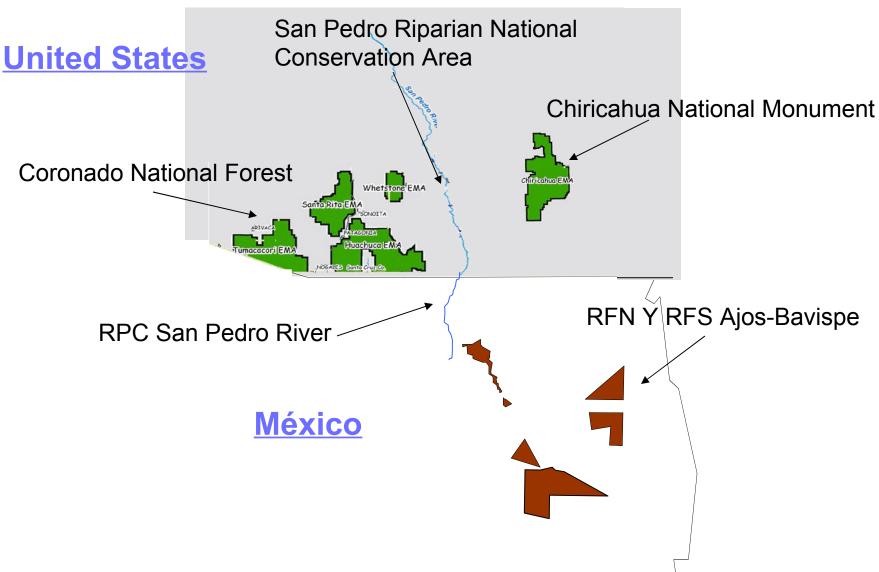


COLLABORATION:

Coordinated working between specialized agencies on both countries in some technical research, regarding a more detailed underground aquifer performance, estimation of sources and levels of contamination, as well as scenarios construction based on different hydrological management sources, would allow some coordinated actions which primary objective should be trying to attend problems that affect directly the whole hydrographic basin system.

TRANSBOUNDARY NATIONAL

PARKS



COLLABORATION:

Even though the relationship among the so called "sister reservations" both sides of the boundary has showed an acceptable level of cooperation, it is necessary to strengthen the integration activities by exchanging human and technological resources that will allow an improvement on shearing natural resources status monitoring.

Contribution to HELP framework



Economic Development *IS* Sustainable Where Transboundary and Regional Policies Conflict WITH THE *HELP* EMPHASIS ON SOCIAL CAPITAL developed through COLLABORATION of scientists, water managers, and stakeholders from the start

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