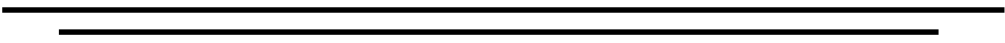


**SAN PEDRO RIVER BASIN
DIRECTORY**

A GUIDE TO AGENCIES AND ORGANIZATIONS

- BY -

DENISE MORENO



ACKNOWLEDGEMENTS

This compilation of stakeholders grew out of a meeting held on June 1999 for the Dialogue San Pedro group in Sierra Vista, Arizona. Dialogue San Pedro was a participatory effort by residents in the Sierra Vista sub-basin of the San Pedro River Basin with its goal to enhance public access to water-related information and to increase their participation in water administration and water policy in the region. This group was hosted and facilitated by the Udall Center for Studies in Public Policy at The University of Arizona. At that time, this list included only stakeholders in the U.S. portion of the Upper San Pedro River Basin. Udall Center staff members Ann Moote and Luke Evans conducted this preliminary summary of U.S. stakeholders.

During the fall and winter 1999-2000, the Udall Center began a social assessment and informal interviews of residents on the Mexican portion of the San Pedro River Basin. The author is thankful for the background work and guidance María Gutiérrez offered on this portion of the basin. Her work in Mexico and her knowledge of the region is invaluable.

I would also like to thank my colleagues at the Udall Center for their assistance and support, including Jennifer Shepherd, Kathleen Veslany, Jen McCormack, Anne Browning-Aiken, Robert Varady, and Robert Merideth.

I would like to express my gratitude to the community that inspired my research on the U.S.-Mexico Border, Ambos Nogales, and to my parents, family, and friends, who have given me the inspiration and evoked a passion to work on environmental border issues that has lasted many years.

Most of all I would like to give a special thanks to the individuals and the communities on the Mexican portion of the San Pedro River Basin. Their energy and commitment has further inspired my work and taught me the true meaning of gratitude.

AUTHOR

Denise Moreno is a research specialist at the Udall Center for Studies in Public Policy at The University of Arizona.

Udall Center Publications

Robert Merideth, Editor-in-Chief

Kathleen Veslany, Associate Editor

San Pedro River Basin Directory: A Guide to Agencies and Organizations

ISBN 1-931143-17-X

Copy editing: Kathleen Veslany

Layout and design: Jen McCormack and Jennifer Shepherd

Udall Center for Studies in Public Policy

The University of Arizona

803 East First Street

Tucson, Arizona 85719

(520) 884-4393 phone; (520) 884-4702 fax

<udallcenter.arizona.edu>

Copyright © 2002 The Arizona Board of Regents on behalf of The University of Arizona

All Rights Reserved

CONTENTS

INTERNATIONAL AND MULTINATIONAL	1
UNITED STATES	3
<i>FEDERAL AGENCIES</i>	<i>3</i>
<i>STATE AGENCIES</i>	<i>5</i>
<i>LOCAL GOVERNMENTS AND ORGANIZATIONS</i>	<i>7</i>
<i>COOPERATIVE AND INTERAGENCY GROUPS</i>	<i>8</i>
<i>NONGOVERNMENTAL ORGANIZATIONS AND ASSOCIATIONS</i>	<i>11</i>
<i>RESEARCH INSTITUTIONS</i>	<i>13</i>
<i>MEDIA</i>	<i>15</i>
MEXICO	17
<i>FEDERAL AGENCIES</i>	<i>17</i>
<i>STATE AGENCIES</i>	<i>20</i>
<i>LOCAL GOVERNMENTS</i>	<i>21</i>
<i>NONGOVERNMENTAL ORGANIZATIONS AND ASSOCIATIONS</i>	<i>21</i>
<i>RESEARCH INSTITUTIONS</i>	<i>24</i>
<i>MEDIA</i>	<i>25</i>
APPENDIX: MAP OF THE SAN PEDRO RIVER BASIN	27

INTERNATIONAL AND MULTINATIONAL

Border Environment Cooperation Commission (BECC)

Comisión de Cooperación Ecológica de la Frontera (COCEF)

P.O. Box 221648
El Paso, TX 79913
– or –
Blvd. Tomas Fernandez No. 8069
Fracc. Los Parques
Cd. Juárez, Chihuahua 32470 México
Phone: (656) 688-4600
Fax: (656) 625-6180
www.cocef.org

The Border Environment Cooperation Commission (BECC) assists local communities and other sponsors in developing and implementing environmental infrastructure projects, and certifies projects for the North American Development Bank.

Commission for Environmental Cooperation (CEC)

Comisión para la Cooperación Ambiental (CCA)

CEC
393, Rue St.-Jacques Ouest Bureau 200
Montreal, Quebec H2Y 1N9 CANADA
Phone: (514) 350-4300
Fax: (514) 350-4314
www.cec.org

CCA
Progreso No. 3
Viveros de Coyoacan
Col. del Carmen Coyoacan
Delegación Coyoacan
México, D.F. 04110 México
Phone: (55) 565-95021
Fax: (55) 565-95023
www.cec.org

CEC/CCA addresses regional environmental concerns, helps prevent potential trade and environmental conflicts, and promotes the effective enforcement of environmental law. In 1997 the CEC/CCA initiated the Upper San Pedro Initiative, which examined the status of migratory bird habitats in the basin and the hydrologic, social, economic, and political conditions that affect them.

Comisión Internacional de Límites y Aguas (CILA)

see Mexico, Federal Agencies, p. 17

International Boundary and Water Commission (IBWC)

see United States, Federal Agencies, p. 5

North American Development Bank (NADB)

Banco de Desarrollo de América del Norte (BDAN)

203 S. St. Mary's Ste. 300
San Antonio, TX 78205
Phone: (210) 231-8000
Fax: (210) 231-6263
www.nadbank.org

The North American Development Bank (NADB) is an international financial institution established and capitalized in equal parts by the United States and Mexico for the purpose of financing environmental infrastructure projects. Presently, NADB-financed environmental projects must be: 1) certified by the Border Environment Cooperation Commission (BECC); 2) related to potable water supply, wastewater treatment, or municipal solid waste management; and 3) located within the border region.

UNITED STATES

FEDERAL AGENCIES

DEPARTMENT OF AGRICULTURE:

Agricultural Research Service (ARS)

2000 E. Allen Rd.
Tucson, AZ 85719
Phone: (520) 670-6381
Fax: (520) 670-6493
tucson.ars.ag.gov

As the principal research entity of the U.S. Department of Agriculture, the Agricultural Research Service's (ARS) mission is to understand and model the effects of changing climate, land use, and management practices on the hydrologic cycle, soil erosion processes, and watershed resources. Within the Upper San Pedro River Basin, ARS is the coordinator of the Semi-Arid Land-Surface Atmosphere (SALSA) Program (see p. 13) and runs the Walnut Gulch Research Station near Tombstone. ARS is a member of the Upper San Pedro Partnership (p. 10).

U.S. Forest Service (USFS) Coronado National Forest/ Sierra Vista Ranger District

5990 S. Highway 92
Hereford, AZ 85615-9621
Phone: (520) 670-4552
Fax: (520) 670-4567
www.fs.fed.us

The U.S. Forest Service (USFS) is a federal agency that manages public lands in national forests and grasslands. It is also the largest forestry research organization in the world and provides technical and financial assistance to state and private forestry agencies. In the San Pedro Basin, the USFS manages federal lands on the west side of the watershed in the Huachuca and Whetstone Mountains. It is a participant in the Upper San Pedro Partnership (see p. 10) and the Interagency Fire Management Group (p. 8).

DEPARTMENT OF DEFENSE:

Fort Huachuca Environmental and Natural Resources Division

ATTN: ATZS-ISB
Fort Huachuca, AZ 85613-6000
Phone: (520) 533-3120
Fax: (520) 533-3043

The Environment and Natural Resources Division at Fort Huachuca manages environmental compliance, natural resources, and historical/cultural programs for the installation. It participates in the Upper San Pedro Partnership (see p. 10), the Interagency Fire Management Group (p. 8), the Alternative Futures Study (p. 13), and other regional resource-management forums.

DEPARTMENT OF THE INTERIOR:

Bureau of Indian Affairs (BIA) Branch of Water Rights MS 420

P.O. Box 10
Phoenix, AZ 85001
Phone: (602) 379-6789
Fax: (602) 379-6835
www.doi.gov/bureau-indian-affairs.html

The aim of the Bureau of Indian Affairs (BIA) is to enhance the quality of life, to promote economic opportunity, and to protect and improve the trust assets of American Indians, Indian tribes, and Alaska Natives. It is a cooperating agency studying water rights within the San Pedro River Basin.

DEPARTMENT OF THE INTERIOR

(CONTINUED):

Bureau of Land Management (BLM)

1763 Paseo San Luis
Sierra Vista, AZ 85635-2240
Phone/Fax: (520) 458-3559
www.az.blm.gov/tfo/index.htm

– or –

12661 E. Broadway
Tucson, AZ 85748
Phone: (520) 258-7200
Fax: (520) 258-7238
www.tucson.az.blm.gov

The Bureau of Land Management (BLM) is responsible for managing the nation's public lands and resources in a combination of ways that best serves the needs of the American people. The San Pedro River in southeastern Arizona is the site of the first Riparian National Conservation Area which is managed by the BLM. Congress designated the San Pedro Riparian National Conservation Area (SPRNCA), containing about 40 miles of upper San Pedro River, on November 18, 1988. The purpose for the designation of this area was to conserve, protect, and enhance the desert riparian ecosystem, a rare remnant of what was once an extensive network of similar riparian systems throughout the Southwest. BLM is a participant in the Upper San Pedro Partnership (see p. 10).

U.S. Bureau of Reclamation (USBR)

300 W. Congress
P.O. Box FD 37
Tucson, AZ 85701
Phone: (520) 670-4825
Fax: (520) 670-4745
www.usbr.gov

The mission of the Bureau of Reclamation (USBR) is to manage, develop, and protect water and related infrastructure in an environmentally and economically sound manner in the interest of the American public. Within the San Pedro River Basin, the USBR has helped fund the Sierra Vista Water Reclamation Project, which uses the City's treated municipal sewage effluent to recharge groundwater supplies in order to sustain the base flow of the river.

National Park Service (NPS)

4101 E. Montezuma Canyon
Hereford, AZ 85615
Phone: (520) 366-5515
Fax: (520) 366-5705
www.nps.gov

The mission of the National Park Service (NPS) is to preserve the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations. NPS manages the 5,000-acre Coronado National Memorial in the southern Huachuca Mountains. It is a member of the Interagency Fire Management Group (see p. 8) and the Upper San Pedro Partnership (p. 10).

U.S. Fish and Wildlife Service (USFWS)

300 W. Congress Room 4D
Tucson, AZ 85701
Phone: (520) 670-4860
Fax: (520) 670-4567
www.gf.state.az.us

Arizona's office of the U.S. Fish and Wildlife Service (USFWS) aims to conserve, enhance, and restore Arizona's diverse wildlife resources and habitats through aggressive protection and management programs. The USFWS is currently undertaking reviews as part of consultation for several endangered species that reside in the San Pedro Basin. It has designated 900 river miles of critical habitat for two threatened fish species that were found in the basin: the loach minnow and spikedace.

**U.S. Geological Service (USGS)
Water Resource Division**

520 N. Park Ave. Ste. 221
Tucson, AZ 85719
Phone: (520) 670-6671 x221
Fax: (520) 670-5592
water.usgs.gov/lookup/getwatershed?15050202

The Water Resource Division of the U.S. Geological Survey (USGS) has the principal responsibility within the federal government for providing hydrological information and for appraising the nation's water resources. The USGS is studying the geology and hydrology of the Upper San Pedro River Basin to obtain objective data on the amount of groundwater stored in basin aquifers, the character of the aquifers, and the connection between aquifers and the river. It is a collaborator in the SALSA Program (see p. 13) and a member of the Upper San Pedro Partnership (p. 10).

DEPARTMENT OF STATE:

**International Boundary and Water
Commission (IBWC)**

4171 N. Mesa St. Ste C-310
El Paso, TX 79902
Phone: (915) 832-4100
Fax: (951) 832-4190
www.ibwc.state.gov

The International Boundary and Water Commission (IBWC) was created to provide environmentally sensitive, timely, and fiscally responsible boundary and water services along the United States and Mexico border region. It is a bilateral organization created to apply provisions of boundary and water treaties, and settle disputes through a joint, international commission at the border.

OTHER:

Environmental Protection Agency (EPA)

75 Hawthorne St.
San Francisco, CA 94105
Phone: (415) 744-1500
Fax: (415) 744-1235
www.epa.gov/nerlesd1/land-sci/san-pedro.htm
– or –
Border Regional Office
610 W. Ash St. Suite 703
San Diego, CA 92101
Phone: (619) 235-4765
Fax: (619) 235-4771

The U.S. Environmental Protection Agency (EPA) protects human health and safeguards the natural environment, which includes air, water, and land. EPA's Landscape Ecology Branch helps improve decisionmaking relative to natural and human-resource development, and has conducted research on land cover change in the San Pedro Basin.

STATE AGENCIES

**Arizona Department of Economic Security
(ADES)**

400 W. Congress Ste. 420
Tucson, AZ 85701
Phone: (800) 835-2100
Fax: (800) 628-6857
www.de.state.az.us/index.html
– or –
820 E. Fry Blvd.
Sierra Vista, AZ 85635
Phone: (520)459-6901
Fax: (520) 459-7148

The Arizona Department of Economic Security (ADES) coordinates the distribution of social services throughout the state of Arizona. This agency also maintains current population and demographic statistics for regions and communities within the state.

Arizona Department of Environmental Quality (ADEQ)

3033 N. Central Ave.
Phoenix, AZ 85004
Phone: (602)2300
Fax: (602)207-4872
www.adeq.state.az.us

– or –

Southern Regional Office
400 W. Congress Ste. 433
Tucson, AZ 85701
Phone: (520) 628-6744
Fax: (520) 770-3540

– or –

Southeastern Arizona Community Liaison
P.O. Box 12101
Ft. Huachuca, AZ 85670
Phone: (520) 515-3820
Fax: (520) 515-3822

The mission of the Arizona Department of Environmental Quality (ADEQ) is to preserve, protect, and enhance water quality, public health, and the environment through water-quality assessment, regulatory oversight, technical assistance, public education, and cleanup of contamination. ADEQ monitors water quality in the basin and is a member of the Upper San Pedro Partnership (see p. 10).

Arizona Department of Water Resources (ADWR)

500 N. 3rd St.
Phoenix, AZ 85004
Phone: (602) 417-2465
Fax: (602) 417-2401
www.adwr.state.az.us

The Arizona Department of Water Resources (ADWR) works to secure long-term water supplies for Arizona’s communities. It administers state water laws (except those related to water quality), explores methods of augmenting water supplies to meet future demands, and develops policies that promote conservation and equitable distribution of water. In the Upper San Pedro Basin, ADWR is studying the appropriateness of an active management area. ADWR is a founding member of the Upper San Pedro Partnership (see p. 10).

Arizona Game and Fish Department

555 N. Greasewood Rd.
Tucson, AZ 85745
Phone: (520) 628-5376
Fax: (520) 628-5080
www.gf.state.az.us

The Arizona Game and Fish Department aims to conserve, enhance, and restore Arizona’s diverse wildlife resources and habitats through aggressive protection and management programs. Within the San Pedro River Basin, the Game and Fish Department works with the Bureau of Land Management (see p. 4) on a pilot project to reintroduce the beaver into its former habitat along the upper river while monitoring vegetation and alluvial material.

Arizona State Lands Department (ASLD)

1616 W. Adams
Phoenix, AZ 85007
Phone: (602) 542-4621
Fax: (602) 542-2590

The Arizona State Lands Department (ASLD) is responsible for administering state trust lands and resources in order to improve the value and the economic return for trust beneficiaries. Methods utilized bring together sound stewardship values, conservation practices, and business management principles that support socio-economic goals for today and the future. ASLD is part of the Upper San Pedro Partnership (see p. 10).

Arizona State Parks Department

1300 W. Washington
Phoenix, AZ 85007-2929
Phone: (602) 542-4174
Fax: (602) 542-4180
www.pr.state.az.us

– or –

Kartchner Caverns State Park
P.O. Box 1849
Benson, AZ 85602
Phone: (520) 586-4100
Fax: (520) 586-4113

The Arizona State Parks Department manages the Kartchner Caverns State Park in the Whetstone Mountains, near Benson, Arizona.

The University of Arizona Cooperative Extension, College of Agriculture and Life Sciences, Cochise County

1140 N. Colombo
 Sierra Vista, AZ 85635
 Phone: (520) 458-8278 ext. 2141
 Fax: (520) 458-5823
www.ag.arizona.edu/extension/counties/cochise

Cooperative Extension, the outreach arm of The University of Arizona, serves as a statewide network bringing research-based information into communities to help people improve their lives. Cooperative Extension offers a wide range of educational opportunities, resources, and programs such as Water Wise, Master Gardener, 4-H Youth Development, Tips on Land & Water Management for Small Farms and Ranches, Help for Grandparents Raising Children, and Life Skill Development, among others.

LOCAL GOVERNMENTS AND ORGANIZATIONS

MUNICIPALITIES:

City of Benson

160 S. Huachuca
 Benson, AZ 85602
 Phone: (520) 586-2245
 Fax: (520) 586-3375
www.bensonaz.com

Benson lies in the northern end of the Upper San Pedro watershed. It encompasses Kartchner Caverns State Park and the rapidly growing service area at the intersection of Interstate 10 and State Route 90.

City of Bisbee

118 Arizona St.
 Bisbee, AZ 85603
 Phone: (520) 432-5446
 Fax: (520) 432-6069
www.cityofbisbee.com

Although only a small portion of this city lies within the basin, Bisbee draws water from the San Pedro Basin and is a member of the Upper San Pedro Partnership (see p. 10).

City of Huachuca City

500 N. Gonzales Blvd.
 Huachuca City, AZ 85616
 Phone: (520) 456-1354
 Fax: (520) 456-2230
www.globalindex.com/comindex/az/huachuca.shtml

Huachuca City is a small incorporated area north of Sierra Vista and a member of the Upper San Pedro Partnership (see p. 10).

City of Sierra Vista

1011 N. Coronado Dr.
 Sierra Vista, AZ 85635
 Phone: (520) 458-3315
 Fax: (520) 458-0584
www.ci.cierra-vista.az.us

Sierra Vista is the largest municipality in the Upper San Pedro Basin. Currently, it is participating in numerous ongoing programs related to water management, including the Upper San Pedro Partnership (see p. 10) and its own water-management programs.

City of Tombstone

315 Fremont St.
 Tombstone, AZ 85638
 Phone: (520) 457-2202
 Fax: (520) 457-3516
www.cityoftombstone.com

Tombstone lies within the watershed and draws its water from the San Pedro aquifer.

COUNTIES:

Cochise County

1415 Melody Ln. Bldg. B
 Bisbee, AZ 85603
 Phone: (520) 432-9200
 Fax: (520) 432-5016
www.co.cochise.az.us

The U.S. side of the Upper San Pedro River Basin lies almost entirely within Cochise County, which regulates water management and zoning in unincorporated areas. It is a member of the Upper San Pedro Partnership (see p. 10).

Santa Cruz County

PO Box 1150
 Nogales, AZ 85628
 Phone: (520) 375-7800
 Fax: (520) 761-7843

The westernmost portion of the Upper San Pedro River Basin lies in Santa Cruz County.

CONSERVATION DISTRICTS:

Hereford Natural Resource Conservation District (NRCD)

P.O. Box 366
 Tombstone, AZ 85638
 Phone: (520) 457-3437

The portion of the Upper San Pedro River Basin north of the international border and south of St. David lies in the Hereford NRCD. NRCD is a nonprofit organization provided for by state law and formed by a vote of people living within its bounds that educates and helps local citizens conserve land, water, forests, wildlife, and other natural resources.

Redington Natural Resource Conservation District (NRCD)

656 N. Bisbee Ave.
 Willcox, AZ 85643
 Phone: (520) 384-2229
 Fax: (520) 384-2735

The Redington NRCD covers the area of the middle San Pedro, including Pomerene, Cascabel, and Redington. NRCD is a nonprofit organization provided for by state law and formed by a vote of people living within its bounds that educates and helps local citizens conserve land, water, forests, wildlife, and other natural resources.

San Pedro Natural Resource Conservation District (NRCD)

1196 N. Iron Ln.
 St. David, AZ 85630
 Phone: (520) 586-3347
 Fax: (520) 586-3467

The San Pedro NRCD covers the northern portion of the Upper San Pedro Basin, including St. David and Benson. NRCD is a nonprofit organization provided for by state law and formed by a vote of people living within its bounds that educates and helps local citizens conserve land, water, forests, wildlife, and other natural resources.

COOPERATIVE AND INTERAGENCY GROUPS

**Cochise County Herbarium
 The University of Arizona-South**

1140 N. Colombo
 Sierra Vista, AZ 85635
 Phone: (520) 458-8278 ext. 2141
 Fax: (520) 458-5823

The Cochise County Herbarium, initiated in March 2001, is a repository of the plant diversity present in Cochise County and its surrounding areas. It is a resource for citizens, researchers, government agencies, and others interested in native species.

**Interagency Fire Management Group
 Coronado National Forest**

300 W. Congress St.
 Tucson, AZ 85701
 Phone: (520) 378-0311
 Fax: (520) 670-4640
www.fs.fed.us/r3/coronado

This group includes the different land-management agencies within the basin and deals with issues such as fire management, coordinated fire suppression, and watershed treatments, including prescribed fire. Agencies and organizations include U.S. Forest Service, Fort Huachuca (see p. 3), Bureau of Land Management, National Park Service (Coronado National Memorial) (p. 4), Arizona State Lands Department (p. 6), City of Sierra Vista (p. 7), and The Nature Conservancy (Ramsey Canyon Preserve) (p. 12).

**Plant Science Center
The University of Arizona-South**

1140 N. Colombo
Sierra Vista, AZ 85635
Phone: (520) 458-8278 ext. 2141
Fax: (520) 458-5823
www.ag.arizona.edu/cochise/psc

The Plant Science Center, managed in cooperation with the City of Sierra Vista (see p. 7), serves as an educational facility and repository for salvaged plants from highway and other construction projects. Water conservation and the preservation of local native flora is promoted by encouraging use of native flora.

San Pedro Foundation

999 E. Fry Blvd., Ste. 307
Sierra Vista, AZ 85635
Phone: (520) 458-3138
Fax: (520) 458-2453
www.sanpedrofoundation.org

The San Pedro Foundation provides a funding mechanism to achieve sustainable water-resource management practices in the Upper San Pedro River. The specific objectives of the Foundation are to provide funding for stakeholder-driven projects on both sides of the international boundary that: 1) improve watershed conditions, 2) enhance base-flow, 3) promote environmental and cultural awareness, and 4) promote opportunities for the private and public sectors to work together.

Southwest Strategy

3003 N. Central Ave. Ste. 800
Phoenix, AZ 85012-2945
Phone: (602) 280-8777
Fax: (602) 280-8809
www.swstrategy.org
-or-
P.O. Box 1306 SE
Albuquerque, NM 87103
Phone: (505) 248-6914
Fax: (505) 248-6883

The Southwest Strategy was created in December 1997 as a collaborative effort between offices of the Bureau of Indian Affairs, U.S. Forest Service, Department of Defense (see p.3), Bureau of Land Management, Bureau of Reclamation, U.S. Fish and Wildlife Service, National Park Service (p. 4), U.S. Geological Survey, Environmental Protection Agency (p. 5), National Resources Conservation Service, and U.S.D.A. Rural Development in Arizona and New Mexico. These agencies are committed to work in collaboration with each other, the public, and tribal, state, and local governments. The San Pedro Basin is one of the Southwest Strategy's focus areas.

**U.S.-Mexico Border Field Coordinating
Committee (FCC)
Department of the Interior**

222 N. Central Ave.
Phoenix, AZ 85004
Phone: (602) 417-9430
Fax: (602) 417-9398
[www.cerc.usgs.gov/FCC/issue%20teams/
Upper_San_Pedro.html](http://www.cerc.usgs.gov/FCC/issue%20teams/Upper_San_Pedro.html)

The purpose of the U.S.-Mexico Border Field Coordinating Committee (FCC) is to promote, facilitate, and enhance communication and coordination between member bureaus and offices with respect to U.S.-Mexico border environmental issues of concern and interest to the Department of the Interior. The Department of the Interior partners include Bureau of Indian Affairs, Bureau of Land Management, Bureau of Reclamation, U.S. Fish and Wildlife Service, National Park Service, and U.S. Geological Survey (see pp. 3-5). The FCC has an Upper San Pedro River Basin Issue Team that was created to improve the quality of life in the Upper San Pedro River Basin through coordinated and informed decisionmaking affecting the two nations' resources.

Upper San Pedro Partnership

2160 E. Fry Blvd # 217
 Sierra Vista, AZ 85635
 -or-
 1801 Bella Vista Dr.
 Sierra Vista, AZ 85635
 Phone: (520) 378-4046/(520) 459-4763
 Fax: (520) 378-5150
www.lastgreatplaces.org/sanpedro

The Upper San Pedro Partnership, convened by the Arizona Department of Water Resources (see p. 6), is coordinating the feasibility and funding of various water projects in the Sierra Vista subbasin. It identifies, prioritizes, and implements projects that assist in managing water in the Sierra Vista subwatershed of the upper basin. Currently, the group is discussing recharge, augmentation, and conservation projects. Partners include Cochise County, Sierra Vista, Bisbee, Huachuca City (p. 7), Arizona State Lands Department, Arizona Department of Water Resources, Arizona Department of Environmental Quality (p. 6), Agricultural Research Service, Fort Huachuca (p. 3), Bureau of Land Management, U.S. Forest Service, National Park Service (p. 5), U.S. Geological Survey (p. 5), Arizona Association of Conservation Districts, National Audubon Society's Appleton-Whittell Research Ranch (p. 11), and The Nature Conservancy (p. 12).

Upper San Pedro River Basin Issue Team, U.S.-Mexico Border Field Coordinating Committee

222 N. Central Ave.
 Phoenix, AZ 85004
 Phone: (602) 417-9430
 Fax: (602) 417-9398
www.cerc.usgs.gov/FCC/issue%2oteams/Upper_San_Pedro.html

The U.S. Department of the Interior established the Upper San Pedro River Basin Issue Team in 1994 as a mechanism to locate, acquire, and share natural resource data and information for decisionmaking along the U.S.-Mexico border. Membership in the Issue Team varies depending on the issues being considered, but primary participants include the DOI agencies (Bureau of Land Management, U.S. Fish and Wildlife Service, and U.S. Geological Survey; see pp. 4-5), Instituto del Medio Ambiente y Desarrollo Sustentable del Estado de Sonora (p. 20), Secretaría del Medio Ambiente y Recursos Naturales (p. 18), local and state governments and agencies, universities in Arizona and Sonora, and nongovernmental agencies like The Nature Conservancy and the Huachuca Audubon Society (p. 12).

**Water Wise
The University of Arizona-South**

1140 N. Colombo
 Sierra Vista, AZ 85623
 Phone: (520) 458-8278 ext. 2141
 Fax: (520) 458-5823
www.ag.arizona.edu/cochise/waterwise

Water Wise is a community education program aimed at helping residents reduce water use and implement effective natural resource conservation measures in their homes and businesses. Water Wise is a collaborative effort of The University of Arizona Cooperative Extension, Cochise County, the City of Sierra Vista (see p. 7), and other sponsors.

NONGOVERNMENTAL ORGANIZATIONS AND ASSOCIATIONS

Arizona Association of Conservation Districts (AACD)

3003 N. Central Ave., Ste. 800
Phoenix, AZ 85012
Phone: (620) 280-8803
Fax: (620) 280-8779

The mission of the Arizona Association of Conservation Districts (AACD) is to provide leadership, coordination, and services to the statewide network of local Conservation Districts (see p. 8), which promotes the wise use, management, and conservation of Arizona's natural resources.

Appleton-Whittell Research Ranch National Audubon Society

306 Research Ranch Road
HC 1 Box 44
Elgin, AZ 85611
Phone: (520) 455-5522
Fax: (520) 455-9201

The Appleton-Whittell Research Ranch is a collaborative partnership between the National Audubon Society, U.S. Forest Service (see p. 3), Bureau of Land Management (p. 4), Appleton family, and Research Ranch Foundation. The Ranch has three primary functions or goals within the region: conservation, research, and outreach. Its chief mission is to provide a field laboratory in which conservation methods can be developed and tested using the regional ecosystem as its backdrop. At the same time, it offers citizens and policymakers assistance in the conservation and management of regional ecosystems and natural resources.

Border Ecology Project (BEP)

P.O. Drawer CP
43 Howell
Central School Building
Bisbee, AZ 85603
Phone: (520) 432-7456
Fax: (520) 432-7473
-or-
4232 Calle Cazuela
Santa Fe, NM 87505
Phone/Fax: (505) 471-4808

The Border Ecology Project (BEP) is a private nonprofit organization that advocates for solutions to environmental problems along the U.S.-Mexico border, and to a lesser extent, in the interior of Mexico and other parts of Latin America. BEP is a coordinator of the Northwest Sonora Water Project, a research project concerned with water-quality issues on the Mexican and American portions of the Upper San Pedro River Basin. This investigation addresses water quality in both city and rural areas in the northeastern Sonora region, including the basins and aquifers of the San Pedro, Sonora, and Agua Prieta Rivers.

Center for Biological Diversity

P.O. Box 710
Tucson, AZ 85702
Phone: (520) 623-5252
Fax: (520) 623-9797
www.biologicaldiversity.org

The Center for Biological Diversity's goal is to protect endangered species and wild places of western North America and the Pacific through science, policy, education, and environmental law. Currently, the Center for Biological Diversity is running a campaign that helps highlight the importance of the ecology and resources that are found within the San Pedro River. The Center uses federal laws to challenge water-management policies in the basin.

Fort Huachuca 50

P.O. Box 2898
 Sierra Vista, AZ 85636
 Phone: (520) 538-5327
 Fax: (520) 538-5258

Fort Huachuca 50 is a booster group for Fort Huachuca, composed of community and business leaders and other interested individuals. Its principal mission is to discourage the closure of Fort Huachuca through the base-realignment process.

Friends of the San Pedro

1763 Paseo San Luis
 Sierra Vista, AZ 85635
 Phone: (520) 459-2555
 Fax: (520) 459-7334
www.theriver.com/Public/fspr

Friends of the San Pedro supports the Bureau of Land Management (see p. 4) in conserving the San Pedro Riparian National Conservation Area through volunteer support programs and projects.

Gray Hawk Nature Center

P.O. Box 1657
 Sierra Vista, AZ 85636
 Phone: (520) 458-0542
 Fax: (520) 458-0605
www.grayhawknaturecenter.org

Gray Hawk Nature Center provides environmental educational programs and activities, and is located near the San Pedro River.

Huachuca Audubon Society

c/o Tricia Gerrodette
 P.O. Box 63
 Sierra Vista, AZ 85636
 Phone: (520) 378-4937

The Huachuca Audubon Society is a local environmental group concerned with water issues in the San Pedro River Basin and dedicated to improving the quality of the environment by providing education, conservation, and recreation programs, as well as environmental leadership and information.

**The Nature Conservancy (TNC)
 Ramsey Canyon Preserve**

27 Ramsey Canyon Rd.
 Hereford, AZ 85615
 Phone: (520) 378-2785
 Fax: (520) 378-1480
www.tncarizona.org

TNC's mission is to preserve the plants, animals, and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive. TNC's Upper San Pedro River Ecosystem Program, housed at the Ramsey Canyon Preserve, creates community-based solutions to balancing the local water-budget deficit and protecting the San Pedro River Basin. Its main focus is on restoration of the upper floodplain terraces in the lower reaches of the river and the monitoring of riparian vegetation and biodiversity.

San Pedro 100

3305 Eagle Ridge Dr.
 Sierra Vista, AZ 85650
 Phone: (520) 378-2460
 Fax: (520) 378-2460

San Pedro 100 is an advocacy group dedicated to preserving the continuous flow of the San Pedro River.

San Pedro Alliance

P.O. Box 492
 Sierra Vista, AZ 85636
 Phone: (520) 458-0542
 Fax: (520) 458-0605

The San Pedro Alliance is a collective of environmental groups that seeks to increase protection of the San Pedro River. The Alliance includes members of Huachuca Audubon Society (see this page), San Pedro 100 (this page), Center for Biological Diversity (p. 11), Sierra Club, Tucson Audubon Society, Arizona Audubon Council, and Defenders of Wildlife.

Sierra Vista Chamber of Commerce

21 E. Wilcox Dr.
Sierra Vista, AZ 85635
Phone: (520) 458-6940
Fax: (520) 452-0878
www.sierravistachamber.org

The Sierra Vista Area Chamber of Commerce promotes business and provides leadership for the improvement of the community. The Chamber is made up of over 550 businesses in the Sierra Vista area. It sponsors events and provides tools and resources for area businesses.

Southeastern Arizona Bird Observatory (SABO)

P.O. Box 5521
Bisbee, AZ 85603
Phone: (520) 432-6684
www.sabo.org

The Southeastern Arizona Bird Observatory (SABO) is a nonprofit organization dedicated to the conservation of the birds of southeastern Arizona, their habitats, and the diversity of species that share those habitats through research, monitoring, and public education. SABO leads ecotourism groups along the river and throughout the area, and is actively involved in education on natural history issues.

RESEARCH INSTITUTIONS**Alternative Futures Study
U.S. Army, Construction Engineering
Research Laboratories**

P.O. Box 9005
Champaign, IL 61826
Phone: (217) 373-7290
Fax: (217)373-7222

-or-

Harvard University Graduate School of Design
Gund Hall
48 Quincy St.
Cambridge, MA 02138
Phone: (617) 495-5453
Fax: (617) 495-5015
www.gsd.harvard.edu/faculty/steinitz/sanpedroriver.html

A joint effort by Harvard University and the U.S. Army, the Study predicts the hydrologic future of the basin using a variety of different growth and development scenarios, and assessing impacts on regional hydrology by running them through a hydrologic model. These futures are intended to provide an outline of options and their likely effects as a basis for management and decisionmaking. Other partners in this study include the Desert Research Institute and The University of Arizona.

**Semi-arid Land-Surface-Atmosphere
Program (SALSA)**

2000 E. Allen Rd.
Tucson, AZ 85719
Phone: (520) 670-6380 Ext. 175
Fax: (520) 670-5550
www.tucson.ars.ag.gov/salsa/salsahome.html

The SALSA Program is a multi-agency, multi-national, global-change research effort that seeks to evaluate the consequences of natural and human-induced changes in semi-arid environments. Participating organizations include the U.S. Geological Survey, U.S. Environmental Protection Agency (see p. 5), The University of Arizona, and Bureau of Land Management (p. 4). The U.S. Department of Agriculture's Agricultural Research Service (p. 3) leads and sponsors this work.

Southwest Center for Environmental Research and Policy (SCERP)

5250 Campanile Drive
 San Diego, CA 92182
 Phone: (619) 594-0856
 Fax: (619) 594-0752
www.scerp.org

The Southwest Center for Environmental Research and Policy (SCERP) is a consortium of nine U.S. and Mexican universities that applies research, insight, information, and innovations to myriad environmental challenges. SCERP was created in 1990 to “initiate a comprehensive analysis of possible solutions to acute air, water quality, and hazardous waste problems that plague the U.S.-Mexico border region.” SCERP’s members include Arizona State University, New Mexico University, San Diego State University, University of Texas at El Paso, University of Utah, Instituto Tecnológico de Ciudad Juárez, Instituto Tecnológico y de Estados Superiores de Monterrey, Universidad Autónoma de Baja California, and Universidad Autónoma de Ciudad Juárez.

**Sustainability of Semi-arid Hydrology and Riparian Areas (SAHRA)
 The University of Arizona**

John W. Harshbarger Bldg; Rm. 318
 Tucson, AZ 85721
 Phone: 520-626-6974
 Fax: 520-626-7770
www.sahra.arizona.edu

A National Science Foundation Science and Technology Center, the Sustainability of Semi-arid Hydrology and Riparian Areas (SAHRA) is concerned with tackling “the lack of an effective mechanism for rapidly moving the state of scientific knowledge into widespread usage by the public and private agencies responsible for managing our water resources.” Many of SAHRA’s project areas focus on the Upper San Pedro River Basin.

**Udall Center for Studies in Public Policy
 The University of Arizona**

803/811 E. First St.
 Tucson, AZ 85719
 Phone: (520) 884-4393
 Fax: (520) 884-4702
udallcenter.arizona.edu

The Udall Center’s work in the San Pedro River Basin in northeastern Sonora, Mexico, and southeastern Arizona is focused on improving communication about and providing opportunities for public participation in water management and water policy.

**Water Resources Research Center (WRRC)
 The University of Arizona**

350 N. Campbell Ave.
 Tucson, AZ 85719
 Phone: (520) 792-9591
 Fax: (520) 792-8518
www.ag.arizona.edu/AZWATER

A division of the College of Agriculture at The University of Arizona, the WRRC provides information regarding water resources in the Southwest, as well as research and technical expertise on the surrounding issues. WRRC runs the Water Education for Teachers (Project WET) and maintains a database of water research being conducted at the Arizona universities.

MEDIA**Arizona Daily Star**

4850 S. Park Ave.
Tucson, AZ 85714
Phone: (520) 573-4142
Fax: (520) 573-4107
www.azstarnet.com

Arizona Range News

P.O. Box 1155
Willcox, AZ 85644
Phone: (520) 384-3571
Fax: (520) 384-3572
www.willcoxrangeneews.com

Arizona Republic

200 E. Van Buren St.
Phoenix, AZ 85004
Phone: (602) 444-8000/ (800) 931-3303
Fax: (602) 444-8044
www.arizonarepublic.com

Bisbee Observer

7 Bisbee Rd., Ste. L
Bisbee, AZ 85603
Phone: (520) 432-7254
Fax: (520) 432-4192
www.bisbeeobserver.com

Daily Douglas Dispatch

P.O. Drawer H
Douglas, AZ 85608
Phone: (520) 364-3424
Fax: (520) 364-6750
www.douglasdispatch.com

San Pedro Valley News Sun

P.O. Drawer 1000
Benson, AZ 85602
Phone: (520) 586-3382
Fax: (520) 586-2382
www.bensonnews-sun.com

Sierra Vista Herald and Bisbee Daily Review

102 Fab Ave.
Sierra Vista, AZ 85635
Phone: (520) 458-9440
Fax: (520) 459-0120
www.svherald.com

Tombstone Tumbleweed

P.O. Box 1400
Tombstone, AZ 85638
Phone: (520) 457-3008
Fax: (520) 457-2378
www.tombstone.ssec.com

Tucson Citizen

P.O. Box 26767
Tucson, AZ 85726-6767
Phone: (520) 573-4561
Fax: (520) 573-4569
www.tucsoncitizen.com

Tucson Weekly

P.O. Box 2429
Tucson, Arizona 85702
Phone: (520) 792-3630
Fax: (520) 792-2096
www.tucsonweekly.com/tw/current/index.html

MEXICO

FEDERAL AGENCIES

Cámara Nacional de la Industria de la Transformación (CANACINTRA)

Av. Juárez No. 293 Final
Col. Los Pinos
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-5559

CANACINTRA is the National Chamber of Industry, a decentralized organization that encompasses all individuals dedicated to industrial activities. It represents and defends the interests of this sector. CANACINTRA is active in modifying and at the same time promoting the development of industry, and serves as an advisory group to the state.

Comisión Internacional de Límites y Aguas (CILA)

CILA
Av. Universidad No. 2180
Zona Chamizal
Ciudad Juárez, Chihuahua CP 32310 México
Phone: (656) 613-9916
Fax: (656) 613-9943

CILA is Mexican equivalent to the International Boundary and Water Commission (IBWC) (see p. 5) and is directed by the Ministry of Foreign Affairs.

Comité Técnico Consultivo para la Determinación de Coeficientes de Agostadero (COTECOCA)

Recreo 14 Piso 1
Col. Actipan
México, D.F. 03230 México
Pone/Fax: (55) 552-47173, (55) 552-47173
-or-
Paseo del Canal y Comonfort
Edificio México Nivel 2 Ala Sur
Hermosillo, Sonora 83280 México
Phone/Fax: (662) 212-7774, (662) 212-0124,
(662) 213-1730

COTECOCA is the Technical Consultive Committee for the Determination of Coefficients of Cattle Damaged Lands. This Mexican agency produces ranch-grazing indexes that are based on regional conditions in order to encourage sustainable ranching practices. This committee has been involved in several vegetation studies in the San Pedro River Basin. Currently, it is not active within the basin.

Instituto Nacional de Astrofísica Óptica y Electrónica (INAOE)

Av. Sinaloa
Calle 2da Este No. 25
Cananea, Sonora 84620 México
Phone: (645) 332-6276, (645) 332-2915
Fax: (645) 332-5387
-or-
Luis Enrique Erró #1
Santa María Tonantzintla, Puebla 72840 México
Phone: (222) 247-2011, (222) 266-3100
Fax: (222) 247-2231
www.inaoep.mx

INAOE is the National Institute of Optical Astrophysics and Electronics. This agency operates the telescope at Sierra Mariquita Observatory near Cananea, Sonora, Mexico.

Instituto Nacional de Investigaciones Forestales Agrícolas y Pecuarias (INIFAP)

Blvd. del Bosque No. 7
 Esquina Paseo de la Pradera
 Col. Valle Verde
 Hermosillo, Sonora 83200 México
 Phone/Fax: (662) 260-3814, (662) 216-4619
 -or-
 Serapio Rendón 83,
 Col. San Rafael
 México, D.F. 06470, México
 Phone: (55) 514-01640
 Fax: (55) 554-67160
 www.inifap.conacyt.mx

INIFAP is the National Institute of Forestry, Agriculture, and Ranching Research, a decentralized entity of the Secretaría de Agricultura, Ganadería, Desarrollo Rural, Pesca y Alimentación (SAGARPA) (see this page). This agency aids and encourages the development of agriculture, forestry, and ranching. It was involved in revegetation studies in the San Pedro River Basin. Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

Secretaría de Agricultura, Ganadería y Desarrollo Rural Pesca y Alimentación (SAGARPA)

Centro de Gobierno, Río Sonora
 Edificio México, Nivel 2
 Hermosillo, Sonora 83270 México
 Phone: (662) 212-0124, (662) 212-1538
 Fax: (662) 213-3946
 -or-
 Carretera Xochimilco Tulyehualco S/N
 Col. Bosques de Nativitas
 México, D F 16090 México
 Phone: (55) 565-32027, (55) 567-67310
 Fax: (55) 565-33357
 www.sagar.gob.mx

SAGARPA is the Secretariat of Agriculture Ranching, Fishing, and Rural Development. It is responsible for issues concerning agriculture, cattle, and rural development in Mexico. Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

Secretaría del Medio Ambiente y Recursos Naturales (SEMARNAT):

Centro de Gobierno
 Edificio Hermosillo Segundo Nivel
 Av. Paseo del Canal y Comonfort
 Hermosillo, Sonora 83270 México
 Phone: (662) 259-2702
 Fax: (662) 259-2705
 -or-
 Blvd. Adolfo Cortines 4209
 Col. Jardines de la Montaña
 Del. Tlalpan
 México, D.F. 14210 México
 Phone: (55) 562-80600
 www.semarnat.gob.mx

SEMARNAT is the Secretariat of the Environment and Natural Resources, Mexico's primary government agency responsible for environmental regulations and enforcement. It coordinates other federal environmental agencies, which include Procuradía Federal para la Protección del Ambiente, Instituto Nacional de Ecología, Instituto Mexicano de Tecnología del Agua, Comisión Nacional para el Conocimiento y Uso de la Biodiversidad, Comisión Nacional del Agua, and Comisión Nacional de Áreas Naturales Protegidas.

Comisión Nacional del Agua (CNA)

Comonfort y Paseo de la Cultura
 Edificio México, Nivel 3
 Col. Vía Seri
 Hermosillo, Sonora 83000 México
 Phone: (662) 213-0443
 Fax: (662) 213-0394
 -or-
 Av. Insurgentes Sur
 No. 2140, Piso 1
 Col. Ermita San Ángel
 Del. Alvaro Obregon
 México, D.F. 01070 México
 Phone: (55) 548-14100
 Fax: (55) 548-14295
 www.cna.gob.mx

CNA is the National Water Commission, a decentralized agency under the direction of SEMARNAT (see this page), which is responsible for administering and protecting Mexican water resources. CNA verifies compliance with water laws and sets guidelines for establishing national watershed councils.

**Comisión Nacional de Áreas Protegidas:
Reserva Forestal Nacional y Refugio de
Fauna Silvestre, Sierra de los Ajos-Bavispe**

Av. Aquiles Serdán No. 180-11
Entre Pino Suárez y Blvd. Rosales
Edificio Federal de Correos
1er. Piso Col. Centro
Hermosillo, Sonora 83000 México
Phone/Fax: (662) 212-2345
www.ine.gob.mx

-or-

Col. Centro Calle Segunda Este Final y Sinaloa
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-2526
www.ine.gob.mx

The Commission for National Protected Areas, an agency of SEMARNAT (see p. 18), manages a natural protected area in the San Pedro region. Conservation of natural resources through sustainable development and the involvement of local people is the Commission's current goal. Expanding the reserve limits to include the San Pedro River Basin is under review.

**Comisión Nacional para el Conocimiento y
Uso de la Biodiversidad (CONABIO)**

Av. Liga Periférico-Insurgentes Sur 4903
Col. Parques del Pedregal
Delegación Tlalpan
México, DF, 14010 México
Phone: (55) 552-89100
Fax: (55) 552-89131
www.conabio.gob.mx

CONABIO, the National Commission for the Understanding and Use of Biodiversity, is a decentralized agency under the direction of SEMARNAT (see p. 18) that is responsible for coordinating conservation and research efforts to preserve biological resources. Additionally, it encourages and helps develop scientifically based activities that aim to better understand biological resources. Currently, CONABIO does not have any projects in the San Pedro River Basin.

**Instituto Mexicano de Tecnología del Agua
(IMTA)**

Paseo Cuahnáhuac No. 8532
Col. Progreso
Jiutepec, Morelos 62550 México
Phone: (777) 319-3742, (777) 319-4241
Fax: (777) 319-3422
www.imta.mx

IMTA is the Mexican Technological Institute for Water, a decentralized agency of SEMARNAT (see p. 18). It offers consulting services on topics such as modernization of irrigation, evaluation of saline soils, conservation of water and soils, soils recovery, geographic information systems, use of residual waters in agriculture, development of socioproductive programs, water treatment and water distribution networks for potable water, and other services.

Instituto Nacional de Ecología (INE)

Av. Revolución No. 1425 Nivel 25 Torre
Ejecutiva
Col. Tlacopac San Ángel
Del. Álvaro Obregón
México, D.F. 01040 México
Phone/Fax: (55) 562-43300
www.ine.gob.mx

INE is the National Institute of Ecology, a decentralized agency under the direction of SEMARNAT (see p. 18). Its purpose is to design general ecology policies through the use of its various regulation instruments and environmental management. It is through this agency that the Programa de Áreas Protegidas is carried out.

Procuraría Federal para la Protección del Ambiente (PROFEPA)

Av. Revolución No. 111
 Entre Niños Héroes y Jalisco
 Col. Centro
 Hermosillo, Sonora 83000 México
 Phone/Fax: (662) 213-2878, (662) 213-2838,
 (662) 213-4452

-or-

Blvd. El Pipila #1
 Col. Tecamachalco
 Naucaltpan de Juárez
 Estado de México, 053950 México
 Phone: (55) 558-97983
 Fax: (55) 558-96520
 www.profepa.gob.mx

PROFEPA is the Federal Attorney for the Protection of the Environment, the office charged with enforcing environmental laws in Mexico under the direction of the SEMARNAT (see p. 18). Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

STATE AGENCIES

Comisión de Agua Potable y Alcantarillado del Estado de Sonora (CoAPAES)

Blvd. Luis Encinas y Ave. Universidad No. 5
 Col. Universitaria
 Hermosillo, Sonora 83067 México
 Phone: (662) 217-3085
 Fax: (662) 213-1760

-or-

Av. Juárez No. 27,
 Entre 4 y 5 Oeste
 Col. Centro
 Cananea, Sonora 84620 México
 Phone/Fax: (645) 332-2225
 www.coapaes.gob.mx/

CoAPAES is the Commission of Drinking Water and Wastewater of the State of Sonora, the agency that has taken over the responsibility, from Mexicana de Cananea, of providing the City of Cananea with water.

Instituto del Medio Ambiente y Desarrollo Sustentable del Estado de Sonora (IMADES)

Reyes & Aguascalientes
 Esq. Col. San Benito
 Hermosillo, Sonora 83190 México
 Phone: (662) 210-3662, (662) 210-3661
 Fax: (662) 214-6508
 www.cideson.mx

IMADES is the Institute for the Environment and for Sustainable Development for the State of Sonora, a decentralized governmental agency under the Secretaría de Infraestructura Urbana y Ecología. The Nature Conservancy (see p. 12), under their Fresh Water Initiative, sponsors water-monitoring activities by IMADES in the San Pedro River Basin. Also, the Department of the Interior-North American Wetlands Conservation Council helps fund an IMADES riparian project within the proposed reserve.

Organismo Operador Municipal de Agua Potable y Alcantarillado del Estado de Sonora (OOMAPAS), Comisión Estatal del Agua

Calle Ocampo No. 49
 Esquina con José María Ávila
 Col. Centenario
 Hermosillo, Sonora 83260 México
 Phone/Fax: (662) 213-1005, (662) 212-1195

OOMAPAS is a subagency of the Comisión Estatal del Agua in the state of Sonora responsible for water issues within municipalities, including the management of the water supply for Naco, Sonora.

Secretaría de Fomento Agrícola

Centro de Gobierno
 Edificio Sonora 2do Nivel Ala Norte
 Comonfort y Blvd. Paseo del Canal
 Hermosillo, Sonora 83000 México
 Phone: (662) 217-2825, (662) 212-6799
 Fax: (662) 217-2681

Secretaría de Fomento Agrícola is a cabinet of the Governor of Sonora, Mexico. This entity oversees agricultural projects, products, and land within the state of Sonora. Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

Secretaría de Infraestructura Urbana y Ecología (SIUE)

Blvd.. Hidalgo
Entre Comonfort y Ocampo
Hermosillo, Sonora 83260 México
Phone/Fax: (662) 217-0217, (662) 217-0092,
(662) 217-1764

SIUE is the Secretariat of Urban Infrastructure and Ecology, whose main objective is to resolve and regulate issues associated with environmental compliance in the state of Sonora. It is active in the San Pedro River Basin through IMADES (see p. 20).

LOCAL GOVERNMENTS

Municipio de Cananea

Palacio Municipal
Av. Juárez y 4ta. Este
Cananea, Sonora 84620 México
Phone: (645) 332-6490
Fax: (645) 332-5860

The municipality of Cananea is located in the northeastern part of the state of Sonora. Within its chief town of Cananea, one of the largest copper mines in the world has continuously operated since the late 1800s. The municipality also governs the ejidos Cuitaca, Guerrero, Morelos, Nogales, San Pedro, Zapata, and Zaragoza.

Municipio de Naco

Palacio Municipal
Av. FCO. I. Madero No. 285
Naco, Sonora 84180 México
Phone: (633) 334-0236
Fax: (633) 334-0128

The municipality of Naco is located in the northern part of the state of Sonora. Its chief town is Naco, Sonora. It also governs the ejidos Cuauhtémoc, Morelos, Naco, and San Pedro.

NONGOVERNMENTAL ORGANIZATIONS AND ASSOCIATIONS

AGRICULTURAL AND RANCHING INTEREST GROUPS:

Asociación Ganadera de Cananea

Ave. Obregón
Blvd.. Gutiérrez de Lara
Cananea, Sonora 84620 México
Phone: (645) 332-0933
Fax: (645) 332-0039

The Asociación Ganadera de Cananea is made up of approximately 192 members whose main interest is cattle and ranching within the San Pedro River Basin region.

Asociación de Productores Rurales de Cananea

Callejón Ayende No. 81
Cananea, Sonora 84620 México
Phone: (645) 332-1723
Fax: (645) 332-5360, (645) 332-3710

Asociación de Productores Rurales de Cananea is the Association of Rural Producers of Cananea and comprises approximately 40 members, which include residents of ejido Jose María Morelos.

Unión de Ejidos Jacinto López

Ave. Juárez y 3A Este
Cananea, Sonora 84620 México
Phone: (645) 332-2732, (645) 336-0348
Fax: (645) 332-2249

The Unión de Ejidos Jacinto López consists of seven ejidos within the area, including Cuauhtémoc, Guerrero, Morelos, Hidalgo, 16 de Septiembre, Zapata, and Zaragoza. By the end of the year an additional four ejidos (Cananea, Naco, Niños Heroes, and Motuticachi) will become members.

Unión Nacional de Organizaciones Regionales Campesinas Autónomas (UNORCA)

Juan de Dios Arias 48
 Col. Vista Alegre
 México, D.F. 06860 México
 Phone: (55) 574-00486
 Fax: (55) 574-1565
 -or-
 Matamoros 301C
 Entre Rincón y Toledo
 Navojoa, Sonora 85800 México
 Phone: (642) 421-1202
 Fax: (642) 421-1033
 www.laneta.apc.org/unorca

UNORCA is an independent, nongovernmental organization. It is made up of farmworkers and indigenous members who actively participate in social and labor issues. Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

ENVIRONMENTAL INTEREST GROUPS:

Asociación Regional Ambiental Sonora-Arizona (ARASA)

Carretera A Agua Prieta Km. 82
 Cananea, Sonora 84620 México
 Phone: (645) 332-0366
 Fax: (645) 332-0366

The Asociación Regional Ambiental Sonora-Arizona (ARASA) is a newly formed environmental nongovernmental organization consisting of teachers; municipal, state, and federal agency representatives; mining engineers; attorneys; ejiditarios, and other citizens from the Cananea and Naco region. The group's mission is to improve, protect, and conserve the regional ecosystem utilizing education and scientific research.

Cananea Civil #4, S.C.

Esquina con Privada Tezcoco
 Calle Azteca No. 198
 Col. Valle Dorado
 Cananea, Sonora 84620 México
 Phone: (645) 332-3010, (645) 332-0366, (645) 332-0546
 Fax: (633) 332-0366

Cananea Civil #4 S.C., is a local environmental group in Cananea, Sonora.

Comité de Ecología y Medio Ambiente

Ayuntamiento de Naco
 Av. FCO. I. Madero No. 285
 Naco, Sonora 84180 México
 Phone: (633) 334-0236
 Fax: (633) 334-0128

The Ecology and Environmental Committee is an advisory body that provides technical assistance, support, guidance, promotion, and management for the improvement of the environment, and involves public, private, and social sectors of the municipality. The committee represents and brings to light the community's concerns over environmental and health-related issues. Input obtained from the community is used to provide local decisionmakers with a list of their most pressing concerns.

Enlace Ecológico, A.C.

Calle 4 Ave. 20 No. 1999, 2do Piso
 Agua Prieta, Sonora 84270 México
 Phone/Fax: (633) 338-1981
 -or-
 P.O. Box 815
 Douglas, AZ 85608

The main purpose of Enlace Ecológico, A.C., is to increase citizen participation in issues surrounding the environment and public health. In the San Pedro River Basin, a water-quality monitoring study is being performed, which includes surface water and groundwater. The first and second phases of these studies have been completed. A third phase will look into the environmental impacts of water quality in the basin. Enlace Ecológico is working in conjunction with Universidad de Sonora-Departamento de Investigaciones Científicas y Tecnológicas, Border Ecology Project (see p. 11), and the Arizona Department of Environmental Quality (p. 6).

Frontera y Progreso, A.C.

Av. Independencia No. 680
 Col. Centro
 Naco, Sonora 84180 México
 Phone: (633) 334-0458
 Fax: (633) 334-0128

Frontera y Progreso, A.C., is an environmental group located in the city of Naco, Sonora, aiming to bring together children and young adults and help them explore and understand different environmental issues. They hope to include students from the United States in order to make this into a binational effort.

PRONATURA

Bahía de Bacohibampo S/N
 Fracc. Lomas de Cortés
 Guaymas, Sonora 85450 México
 Phone/Fax: (622) 221-1505
 -or-
 Aspérgulas No.22 Antespino
 Col. San Clemente Delegación Álvaro Obregón
 México, D.F. 01740 México
 Phone/Fax: (55) 563-56365
 www.pronatura.org.mx

PRONATURA is a nonprofit, Mexican civil organization, whose mission is to protect and conserve Mexico's biodiversity. To accomplish this mission, PRONATURA works regionally in the Baja California peninsula, in the Mexican northeast, in Sonora, in Veracruz, in Chiapas, and in the Yucatan peninsula. Currently, they do not have any investigational efforts or activities in the San Pedro River Basin.

INDUSTRY INTERESTS:**Asociación de Mineros de Sonora, A.C. (AMSAC)**

Av. 13 No. 112
 Entre Perimetral y Calle 3
 Col. Bugambilia
 Hermosillo, Sonora 83140 México
 Phone/Fax: (662) 215-9917
 www.amsac.com.mx

AMSAC's mission is to unify the different key players within the mining sector in the state of Sonora and promote mining activities via members or those indirectly involved within the mining industry.

Fomento Minero

Puente de Tecamachalco No. 26
 Col. Lomas de Chapultepec
 Del. Miguel Hidalgo
 México, D.F. 11000 México
 Phone: (55) 554-03400
 Fax: (55) 550-20342
 -or-
 Blvd Luis Encinas No. 258
 Edificio Nacional Financiero Planta Baja
 Col. Valle Hermoso
 Hermosillo, Sonora 83200 México
 Phone: (662) 210-0468
 Fax: (662) 210-0487
 www.fomentominero.gob.mx

Fomento Minero is dedicated to promoting the development of a national mining industry via financial and technical assistance given to those who are committed to increasing the mining industry in Mexico and the use of its products. Currently, they do not have any investigational efforts or activities in the San Pedro River Basin.

Grupo México, Mexicana de Cananea, S.A de C.V

Av. Juárez No. 4
 Cananea, Sonora 84620 México
 Phone: (645) 332-8000, (645) 332-8085
 Fax: (645) 332-8085
 www.gmexico.com/gm23000i.html

Mexicana de Cananea, S.A de C.V is a mining complex owned by Grupo México, located 70 kilometers from La Caridad and 96 kilometers south of the Arizona border in the town of Cananea, Sonora. The complex is one of the world's largest porphyry copper deposits.

Sindicato Minero de Cananea-Sección 65

Calle 2do Oeste
 Col. Centro
 Cananea, Sonora 84620 México
 Phone/Fax: (645) 332-8000

Sindicato Minero de Cananea-Sección 65 is Cananea's local mining union.

RESEARCH INSTITUTIONS

Centro de Bachillerato Tecnológico Industrial y de Servicios No. 106 (CBTIS)

Carretera Cananea-Agua Prieta Km. 82
 Cananea, Sonora 84620 México
 Phone/Fax: (645) 332-0366

CBTIS is a public high school in Cananea, Sonora. Within the San Pedro River Basin, it has collaborated and assisted in different environmental efforts. Students have participated in reforestation and fire prevention activities. CBTIS has been active in environmental education and has supported a variety of investigational works in the area.

**Colegio de Sonora (COLSON)
 Programa de Estudios Regionales**

Av. Obregón No. 54
 Col. Centro
 Hermosillo, Sonora 83000 México
 Phone: (662) 212-6551, (662) 217-9905,
 (662) 213-1774
 Fax: (662) 212-5021
 www.colson.edu.mx

COLSON is a small public/private college in Hermosillo, Sonora. It maintains an undergraduate and graduate teaching program, and engages in research. COLSON incorporates students into a graduate level education through research, coursework, and practical application of the programs. It has participated in regional studies of the ecology and the environment within the basin. Currently, it does not have any investigational efforts or activities in the San Pedro River Basin.

Centro de Investigación de los Recursos Naturales (CECARENA)/Instituto Tecnológico de Monterrey (ITESM) Campus Guaymas

Bahía Bacochibampo S/N
 Apdo. Postal 484
 Fracc. Lomas de Cortés
 Guaymas, Sonora 85400 México
 Phone/Fax: (622) 221-0478, (622) 221-0364
 www.itesm.com.mx

CECARENA focuses on costal management, environmental impacts, environmental management, and geographic information systems. Within the San Pedro River Basin, it has participated in the different work meetings set up by Centro de Investigación en Alimentación y Desarrollo and Instituto del Medioambiente y Desarrollo Sustentable del Estado de Sonora. Its representatives have also attended information meetings in Cananea, Sonora, regarding the different environmental problems occurring in the region.

Universidad Nacional Autónoma de México (UNAM)

Luis Donaldo Colosio Esquina Sahuaripa S/N
 Col. Los Arcos
 Apartado Postal 1354
 Hermosillo, Sonora 83250 México
 Phone/Fax: (662) 213-9303
 www.ecol-son.unam.mx

UNAM has performed ecological studies on regional vegetation and land restoration in the Mexican portion of the basin. Currently, they do not have any investigational efforts or activities in the San Pedro River Basin.

**Universidad de Sonora (UNISON)
Departamento de Investigaciones Científicas
y Tecnológicas (DICTUS)/Departamento de
Ingeniería Química y Metalurgia**

Rosales y Niños Héroes S/N
Col. Centro
Apdo. Postal 1819
Hermosillo, Sonora 83000 México
Phone/Fax: (662) 212-1995, (662) 212-3271
www.uson.mx

DICTUS is the Department of Scientific and Technological Research at the University of Sonora in Hermosillo. This department offers degrees in agronomy, agribusiness, clinical chemistry, and food production. Since 1990, the University of Sonora has conducted different studies in the San Pedro River Basin. Water quality and sediment studies have focused mainly on heavy metals, pesticides, nutrient runoff, and microbiology. At the same time, studies on terrestrial/riparian vegetation and fauna are being conducted on the Mexican side of the basin. Currently, a border region water-quality assessment is being completed and a second assessment, which will include water quantity, will begin in 2002.

MEDIA

La Consentida (93.3 FM Stereo)

Juárez Entre 5 Y 6
Col. Centro
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-6013

Amigos

Av. FCO I. Madero No. 285
Naco, Sonora 84180 México
Phone: (633) 334-0236
Fax: (633) 334-0128

Expresiones Regionales

Redacción y Talleres
Av. Obregón No. 175 A
Col. Centro
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-4141

El Imparcial

Sufragio Efectivo y Mima No. 71
Col. Centro
Hermosillo, Sonora 83000 México
Phone: (662) 259-4700
Fax: (662) 217-4483
www.imparcial.com.mx

El Independiente

Blvd. Luis Encinas y Royal No. 464
Col. Los Naranjos
Hermosillo, Sonora 83060 México
Phone: (662) 213-5757, (662) 212-0061
Fax: (662) 212-4607
www.independiente.com.mx

El Mexicano

Calle 5a Este No. 5 Alto
Cananea, Sonora 84620 México
Phone: (645) 332-0444
Fax: (645) 332-6214

Proyección

Calle Tenochtitlán No. 38
Col. Agropecuaria
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-5002

Voces

Av. Obregón y Calle Octava No. 200
Cananea, Sonora 84620 México
Phone/Fax: (645) 332-6154

