

<http://alic.arid.arizona.edu/sansimon/pinaleno.html>

Soils of Arid Regions of the U.S. and Israel – This project focused on collecting and presenting information about aridic soils for soil scientists, farmers, students, land developers, and policy makers.

<http://ag.arizona.edu/OALS/IALC/soils/home.html>

United Nations Environment Programme, UN Convention to Combat Desertification Information Network Project – ALIC, along with an international consortium, developed the UNCCD Information Network Project Database, which provides basic information on institutions, organizations, and networks that are currently working on desertification-related issues.

<http://ag.arizona.edu/OALS/CSTCCD/>

United States Agricultural Information Network (USAIN) – ALIC maintains the Web site for this organization of agricultural information professionals serving both public institutions and private industry involved in agriculture and food research and production. ALIC also develops and maintains Web resources that are made available through the USAIN Web site.

<http://usain.org/>

Urban Integrated Pest Management - This Web site involves a group of scientists at the University of Arizona who are developing educational materials regarding pest management intended for the public. The focus is Integrated Pest Management strategies, which will maintain reasonable levels of arthropods, rodents, weeds, and plant diseases while protecting human health and safety.

<http://ag.arizona.edu/urbanipm/home.html>

V-bar-V Ranch/Walker Basin Allotment – More than fifty years of vegetation monitoring data and repeat photography are made available as a demonstration of the allotment management planning process, including allotment management.

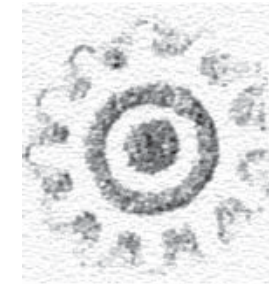
<http://ag.arizona.edu/vbarv/index.html>

Wildfire Alternatives (WALTER) - This is an EPA Star Grant initiative that seeks to improve understanding of the consequences of interactions between wildfire, climate, and society. WALTER has set out to maximize advances in geospatial analytical, and Web delivery technology to provide access to the underlying interdisciplinary research, the resulting model, and educational materials.

<http://walter.arizona.edu/>

Managing Arid & Semi-Arid Watersheds – This Web site features unique tools on arid and semiarid watershed management based on 50 years of research on different vegetation types in Arizona. A collaborative project between the University and the US Forest Service, the site provides access to more than 20 years of watershed data through maps and text.

<http://ag.arizona.edu/OALS/watershed/index.html>



ARID LANDS INFORMATION CENTER

OFFICE OF ARID LANDS STUDIES (OALS)

COLLEGE OF AGRICULTURE AND LIFE SCIENCES (CAL S)

UNIVERSITY OF ARIZONA

MISSION: The mission of the Arid Lands Information Center (ALIC) is to utilize the most cost-effective and universal means to provide access to information on the nature, development, and management of the world's arid and semi-arid regions.

CAPABILITIES: For more than 30 years, ALIC has provided specialized information services to the University community, the public, government agencies, and international development organizations. These services span the full range of library functions and are based on the experience of ALIC in maintaining its own specialized 35,000-item document collection and in building an online catalog. Specific services include targeted literature searches of online databases as well as document delivery. Database management systems are used to create specialized databases, bibliographies, and online information resources. Demand for technical assistance to create similar capabilities for other information centers has generated contract activities outside the U.S. in such countries as Chile, Argentina, Mexico, India, Bahrain, Egypt, Kenya, Mauritania, Niger, and the Yemen Arab Republic.

To facilitate its information gathering and dissemination capabilities, ALIC has produced a variety of publications with worldwide distribution, including the semiannual *Arid Lands Newsletter*, the *World Directory of Arid Lands Research Institutions*, and the conference proceedings, *Arid Lands: Today and Tomorrow*. In 1996 ALIC organized and obtained funding for a workshop on using new technologies to access agricultural information, held at the Universidad de Chile in Santiago. ALIC also organized, coordinated and obtained funding for an international conference affiliated with the U.S. Agricultural Information Network (USAIN) and the International Association of Agricultural Information Specialists (IAALD). This conference was held in Tucson in April 1997 and included 200 participants from 36 countries. Currently, ALIC is coordinating an effort to develop a gateway to worldwide arid lands information.

In recent years, ALIC has become a major producer of quality Web sites dealing with arid lands and agricultural information. Several of these sites have won awards from organizations that review Web sites in terms of appearance, ease of use, and presentation of information. These sites include the OALS Web site offering information on the organization and its current projects, and annotated links to other arid lands resources on the Internet. ALIC also created and maintains the Web site for the International Arid Lands Consortium (IALC), and was one of the founding members of, and continues its work with, the Agriculture Network Information Center (AgNIC) project in partnership with the U.S. National Agricultural Library and other land grant universities (see further details below on the Rangelands West AgNIC Web site and others). AgNIC, in particular, represents a new dimension in the dissemination of information and is designed to be the foremost distributed electronic resource for accessing U.S. agricultural information. ALIC brings to AgNIC and its other projects experience in Web design (including original digital graphics), construction, content



Arid Lands Newsletter - The free, globally distributed *ALN* is published semi-annually via the Web, by email, and in print summary format. Each issue covers a topic of particular interest to drylands researchers, land managers, policy makers, and inhabitants; recent topics have included desert architecture, linkages between desertification and climate change, and using geospatial technologies to understand dryland dynamics.
<http://ag.arizona.edu/OALS/ALN/ALNHome.html>

Arid Lands Information Center and Online Catalog – This Web page provides access to the ALIC document collection through a searchable database.
<http://ag.arizona.edu/OALS/oals/alic/alic.html>

Arid Lands Information Resources/Arid Lands Information System – This section on ALIC's Web site is the preliminary stage of an envisioned International Arid Lands Information System, which will tie together worldwide land and environmental resources for all arid regions.
<http://ag.arizona.edu/OALS/oals/alic/resources/resources.html>

Rangelands West – Initially developed by an interdisciplinary team at the University of Arizona, and now involving participants from all western states, this extensive Web site provides access to research, practical tools, overviews of policy issues, and educational information on Western rangelands.
<http://rangelandswest.org/>

The Arizona Center for Phytomedicine Research (ACPRx) – This recently established Center at the University of Arizona is one of the national Botanical Centers funded by the National Center for Complementary and Alternative Medicine (NCCAM) of the National Institutes of Health (NIH). ALIC is in charge of developing and maintaining the Center's Web site.
<http://acprx.pharmacy.arizona.edu/>

Behavioral Education for Human, Animal, Vegetation & Ecosystem Management (BEHAVE) - This Web site, developed by the Consortium for the Application of Behavioral Principles in Management, in concert with the AgNIC Rangelands Initiative, integrates and disseminates information concerning how behavioral principles apply to current resource management issues. This project aims to increase the ability of producers, land managers, extension agents, and technical assistance personnel to use knowledge of behavior to better reconcile ecological, economic, and social facets of management.
<http://www.behave.net/>

Earth, Water, Wind and Fire – This database-driven Web site is a cooperative, multi-disciplinary approach to providing researchers, educators, and the general public access to natural resource information and application tools created by various departments at the University of Arizona. It provides access to educational resources, applications, research, and data in the disciplines of water and watershed, weather and climate, soil and geology, fire, agriculture, range and forest, and wildlife.
<http://geospatial.arid.arizona.edu/ewwf/>



Arizona Ecological Site Guides – Part of the Arizona Rangelands site, this tool provides access to the Natural Resources Conservation Service's ecological site guides for Arizona. A database-driven resource, it provides a geospatial interface to the Guides allowing users to point and click on a map to locate information describing characteristics of particular land resources.
<http://rangelandswest.org/az/siteguides/guides.html>

ICBG Biodiversity Conservation Project - This is a project of the International Cooperative Biodiversity Groups Program, which addresses biodiversity conservation and the promotion of sustainable economic growth in Latin America through drug discovery from natural plant and microbial products from arid regions.
<http://ag.arizona.edu/OALS/ICBG/bio-home.html>

Invasive Species Web Project – Through a cooperative agreement with the U.S. National Agricultural Library, ALIC is facilitating the expansion of the <invasivespecies.gov> Web site to include information and resources focused on the particular aspects of Western rangelands invasive plant issues.

International Arid Lands Consortium (IALC) – The IALC is an independent, non-profit organization dedicated to exploring problems and solutions unique to arid and semiarid regions.
<http://ialcworld.org/>

Malawi Environmental Monitoring Programme (MEMP) – This Web site contains all the reports, papers and operating plans for MEMP, which was intended to establish environmental assessment and monitoring capacity within the Government of Malawi.
<http://ag.arizona.edu/OALS/malawi/Malawi.html>

Office of Arid Lands Studies – This is the Web site for the parent institution of the Arid Lands Information Center. Other divisions of OALS include the Arizona Remote Sensing Center, the Desert Research Unit, and the Southwest Center for Natural Products Research and Commercialization.
<http://ag.arizona.edu/OALS/oals/oals.html>

RangeView: Geospatial Tools for Natural Resource Management – This Web site addresses rangeland natural resource managers and decision makers, and includes interactive tools that provide assistance in understanding vegetation dynamics across large areas and over time. These tools incorporate satellite imagery and digital maps in ways that complement traditional rangeland management tools such as field-based inventory and monitoring techniques.
<http://rangeview.arizona.edu/>

San Simon Watershed – A Web site is under development to make available information and data about riparian and vegetation monitoring activities in the San Simon watershed located in southeastern Arizona. Funding for this project is from the U.S. Forest Service, with additional support from the Bureau of Land Management.

