



VALLEY FORWARD ASSOCIATION

IN PARTNERSHIP WITH
SRP

PRESENTS THE

27TH ANNUAL
ENVIRONMENTAL EXCELLENCE
AWARDS



VALLEY FORWARD ASSOCIATION

AND

SRP

APPRECIATE YOUR ATTENDANCE AT THE

2007

ENVIRONMENTAL EXCELLENCE AWARDS

WESTIN KIERLAND RESORT
SCOTTSDALE, ARIZONA

SEPTEMBER 29, 2007

ABOUT THE AWARDS

Valley Forward Association initiated the Environmental Excellence Awards in 1980 to recognize outstanding contributions to the physical environment of Valley communities. The program has grown significantly and now serves as a benchmark for promoting livable communities, conserving natural resources and sustaining our unique desert environment for future generations.

SRP joins us as title partner of this prestigious event for the sixth consecutive year. The nation's oldest reclamation project, SRP is a founding member of Valley Forward and continues its centennial heritage of environmental leadership.

This year's competition was especially competitive. We received an impressive array of submittals in the following award categories: buildings and structures, site development and landscape, open space and connectivity, livable communities, art in public places, environmental technologies, environmental education/communication, and environmental stewardship.

A professional panel of jurists identified a maximum of two Awards of Merit and one coveted first-place Crescordia winner per category. The President's Award was selected from among Crescordia recipients and is presented to an organization or individual that has had a special impact on the environment.

Valley Forward is a historic advocate for a balance between economic growth and environmental quality. Since our inception in 1969, we have brought business and civic leaders together to convene thoughtful public dialogue on regional issues and to improve the environment and sustainability of Valley communities. Our membership is diverse and includes the Valley's most prominent large corporations and small businesses, municipalities and other government agencies, the non-profit community and a host of concerned citizens.



THE CRESCORDIA

Since the introduction of the Environmental Excellence Awards program, the coveted Crescordia – a Greek term, which means “To Grow in Harmony” – has been given as the highest honor in each category.

JUDGING

The following individuals gave freely of their time to judge the entries:

Lead Judge

Mark Winkleman

Commissioner

Arizona State Land Department

Sam Campana

Vice President & Executive Director
Audubon Arizona

Nan Ellin, Ph.D.

Director, Urban + Metropolitan Studies
Arizona State University,
School of Public Affairs;
College of Public Programs

William Francis

Principal
Pinnacle Design, Inc.

Trevor Hill

President & CEO
Global Water Resources, LLC

Peter M. Koliopoulos, AIA

Principal
Circle West Architects

Paul Moran

Director of Design
Moran Architects

Scott Peters

Director of Design Services
EPG

Jamie Cowgill

President
JRC Design

THE PRESIDENT'S AWARD

The President's Award was selected from among Crescordia recipients and is presented to an organization or individual that has had a special impact on the environment.

The recipient of the 2007 President's Award and Crescordia winners follow.

THE BIODESIGN INSTITUTE AT ARIZONA STATE UNIVERSITY, BUILDING B

ASU's Biodesign Institute, Building B, has garnered the highest designation for environmentally friendly design and construction from the U.S. Green Building Council – the platinum certification for Leadership in Energy and Environmental Design (LEED). This marks the first time a building in Arizona has received the platinum award.

Building A, which opened in 2004, received gold-level certification, as well as two Crescordias in Valley Forward's 2005 Environmental Excellence Awards. The two buildings were constructed separately but are connected on all levels by glass walkways.

The Biodesign Institute was envisioned not only as a state-of-the-art research facility, but also as a world-class demonstration of ecological laboratory design. Fostering a strong connection with the natural environment, research offices are oriented to provide views of a Sonoran desert garden landscaped with drought-resistant native plants and serving as a natural storm management system. The garden features a bio-swale and infiltration basin that captures and filters storm water from the roof and paving. In addition, a 5,000-gallon underground tank captures a full day's supply of condensate from the building's cooling system, which then supplies the landscape irrigation system.

The Institute also mitigates the area's urban heat island, featuring a reflective roof membrane, high-albedo paving materials and landscaping design to shade the site's hardscape.

This important project represents the largest investment in biotech research infrastructure in Arizona, and the investment is paying off. It is the largest generator of federal biomedical research funding in the Valley, successfully integrating biology, medicine, engineering, nanotechnology and advanced computing.

PRESIDENT'S AWARD
SPECIAL ACHIEVEMENT IN
ENVIRONMENTAL EXCELLENCE

CRESCORDIA AWARD
BUILDINGS AND STRUCTURES
LARGE SCALE AND COMMUNITY DEVELOPMENT



*Award Recipient: Barbara Hendricks, RA, LEED AP
Submitted by: Gould Evans + Lord Aeck Sargent*

ARIZONA STATE UNIVERSITY STARDUST CENTER – GUADALUPE HOUSE

Since 2005, the ASU Stardust Center for Affordable Homes and the Family has been actively working with Valley cities, non-profits, for-profit developers, and neighborhood organizations to foster livable and sustainable communities.

The Center's design/build house is a high-quality multi-generational, affordable and environmentally sustainable home. It was designed to be culturally appropriate for the family that owns the house and for the community in which it is located, reflecting the Yaqui and Mexican cultures of Guadalupe.

The 1,500-square-foot home is built from a variety of materials produced in Arizona, including: Navajo FlexCrete, an aerated concrete block composed of fly ash, which is climatically responsive to the desert and provides strength, thermal, mass and insulation; Arizona Ponderosa Pine, small diameter pine logs culled from Arizona's national forests by the U.S. Forest Service to reduce wildfire risk; high-efficiency cooling from Alter-Air Cooling System, which uses chilled water (no compressors or refrigerants); a photovoltaic system donated by ASU's Photovoltaic Testing Laboratory; and kitchen cabinets made of recycled building materials from a Phoenix area home.

A variety of water harvesting, recycling and distribution techniques have been incorporated into the design. The house was selected as a LEED for Homes Pilot Project and is in the process of being certified. This impressive demonstration project was designed to address the issue of providing high-quality affordable and environmentally sustainable housing for families living at or below 80 percent of the Area Median Income (\$42,000 for a family of four in the Phoenix metropolitan area).

BUILDINGS AND STRUCTURES

SINGLE FAMILY RESIDENCE



*Award Recipient: Daniel Glenn, Stardust Center
Submitted by: Town of Guadalupe*

THE GALLERIES AT TURNEY

The Galleries at Turney is the first project in Arizona to receive Leadership in Energy and Environmental Design for Homes (LEED-H) certification, recognizing sustainable site development, water savings, energy efficiency, materials selection and indoor environmental quality.

The project features eight detached residences in an urban infill location a few blocks south of Phoenix's renowned Biltmore area at 24th Street and Camelback Road. Each residence is two floors with nearly 2,000 square feet of space, including two bedrooms, two-and-a-half-baths, den and flex space plus an attached two-car garage.

Environmentally friendly products were used for construction, including concrete, bamboo flooring, Forest Stewardship Council certified wood products, low VOC paints and carpets containing 80 percent recycled content. During the construction process, less than half the national average of jobsite waste was sent to the landfill. Many of the scrap wood products were utilized by a local artist to construct furniture and planters.

The exterior skins are clad in high performance materials, including corrugated zinc panels, fiber-reinforced concrete panels and CMU block, all of which are recyclable, virtually maintenance free and designed to last a lifetime, lowering replacement and operating costs. Cool Roof Technology and other energy efficiency strategies are incorporated throughout.

BUILDINGS AND STRUCTURES

MULTI-FAMILY RESIDENTIAL



Award Recipient: Ed Gorman
Submitted by: Modus Development

PHOENIX UNION HIGH SCHOOL / UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE – PHOENIX

Established in 1897, Phoenix Union High School was the city's first high school. However, construction of new high school buildings did not begin until 1911, when the district created three monumental structures: the Science Hall, the Auditorium and the Domestic Arts and Sciences Building. While other buildings on campus have come and gone over the years, these three original campus buildings remain.

Recognizing the exceptional importance of the buildings, the City Council authorized acquisition of the historic campus in 2002, using Historic Preservation Bonds to help with the purchase. A couple of years later, the Arizona Board of Regents came forward with a plan to establish the University of Arizona College of Medicine – Phoenix. A partnership was forged with the city to rehabilitate and reuse the historic buildings for a Medical School as part of the city's Biomedical Downtown Campus.

One of the most striking changes was the restoration of 211 full-size, double-hung wood windows into the original window openings, which had been bricked up in the 1960s and '70s. Almost identical in appearance to the original windows, the new installation meets today's energy efficiency requirements. Additional work included restoring the east and west entrances to the Science Hall, which had been sealed up in previous years, restoring the historic flagpole and the World War I Memorial Sundial to their original location and installing replica historic doors.

These historic buildings are now the centerpiece of a modern high tech campus forged with teamwork, creative thinking and a forward vision.

BUILDINGS AND STRUCTURES HISTORIC PRESERVATION



*Award Recipients: Barbara Stocklin and Rick Naimark
Submitted by: City of Phoenix*

NORTH GATEWAY TRANSFER STATION/ MATERIAL RECOVERY FACILITY

Opened in 2006, the North Gateway Transfer Station/Material Recovery Facility allows the city of Phoenix to divert up to 320 tons per day of recyclable materials from the municipal waste stream, and the facility itself reflects a commitment to environmental awareness.

Built on a 43-acre site in the north Valley, unflagging emphasis was placed on blending the facility with its Sonoran Desert surroundings. The main transfer station building is about three times the size of a football field, but the facility's construction design features a low-to-the-ground profile, dramatic multiple slope roof and earth tone colors, all of which help integrate it with the rapidly expanding urban environment.

Recycled and heat reflective roofing materials were used to mitigate the desert's unforgiving summer temperatures, helping to conserve electricity, water and overall energy use. The 180,000-square-foot building is suited with an expandable roof-mounted, solar-powered grid and panels. Shade is maximized both indoors and out, while highly reflective emissive roof paint minimizes heat radiation and improves HVAC performance. More than 90 percent of the structural steel used for construction is recycled.

A dedicated public viewing gallery allows visitors of all ages to observe the fast-paced activity on the transfer station floor, as well as the recycling process. Visitors are educated on the significance of recycling, ecologically conscious design and the positive impact of recycling on the environment.

BUILDINGS AND STRUCTURES

INDUSTRIAL AND PUBLIC WORKS



Award Recipients: Mark Leonard & Joe Giudice
Submitted by: City of Phoenix
Public Works Department

CESAR CHAVEZ LIBRARY

The Cesar Chavez Library was designed to enhance the environmental quality of the Town of Laveen that it serves, preserving the function of the lake and recreational area it shares in Cesar Chavez Park. It provides a place of respite, learning and a living room for residents of the surrounding community.

The facility blends into its desert environment. Shading strategies and solar orientation keep energy costs at a minimum. Natural daylight fills interior spaces with little or no direct sun. Deep overhangs shade the glazing and protect from the harsh summer sun, as well as provide meaningful transition from spaces inside and out.

Reflecting the geometry of the lake, the library is incised into an existing earth mound, a remnant from the lake's excavation, quietly integrating it into the public parkscape. The design also conserves natural resources, as 100 percent of rainwater falling on the library's 37,000-square-foot sculptural roof – nearly 140,000 gallons per year – is collected, stored in the lake and reused for irrigation.

The project has applied for silver certification through the U.S. Green Building Council's Leadership in Energy and Environmental Design program.

BUILDINGS AND STRUCTURES

PUBLIC ASSEMBLY



*Award Recipient: Toni Garvey
Submitted by: Line and Space, LLC*

REVEGETATION OF DC RANCH BURNED LOTS

This unique project resulted in the revegetation of undeveloped and pristine lots in north Scottsdale that were extensively damaged by fire due to human negligence in 2005. Native Resources International was brought on to revegetate the three lots at DC Ranch with the goal of restoring them to their unspoiled natural state.

A survey of the vegetation was performed and the condition of plant material assessed, noting considerable damage to cacti, trees and large shrubs; the under-story plants had been destroyed. Vegetation beyond survival was cleared and removed from the site, then irrigation lines were trenched and short-term drip irrigation installed. The revegetation plant palette was based on assessment data and observation of the species and distribution found within the natural areas adjacent to the burned lots.

The finished product is a landscape not only closely restored to its original condition, but one that blends with the existing landscape. Plant species include Teddy Bear Cholla, Staghorn Cholla, Compass Barrel, Saguaro, Foothills Palo Verde, Ironwood, Fremont Lycium and Creosote.

The project demonstrates an exceptional commitment to maximizing natural area open spaces and creating homes that blend with the natural environment. The work goes beyond benefiting future homeowners, providing a service to the community by placing an importance on environmental awareness, creating livable communities and the ability to integrate Valley developments into the environment.

SITE DEVELOPMENT AND LANDSCAPE

RESIDENTIAL



Award Recipient: Patty Cascio
Submitted by: Native Resources International

TEMPE MARKETPLACE

While shoppers enjoy the new Tempe Marketplace, few may realize that for more than 40 years, the ground it sits on was previously home to three unregulated landfills, 11,000 cubic yards of lead-contaminated soil, 130 septic tanks and leach pits, 260,000 tons of buried construction and household debris, 42 drums of hazardous waste, methane gas, and PCB waste. These abominable conditions led the area to be named a Superfund site by the Environmental Protection Agency.

Beyond environmental blight, the area was full of homeless camps and a source of fire hazards that endangered the public, as well as firefighters and police.

Tempe Marketplace is the result of more than a decade of creative thinking and partnerships among national and local government agencies and the private sector – among them Miravista Holdings, Quarles & Brady Streich Lang, Vestar Development, and Brown and Caldwell. The new mall brings 20 million shoppers and tourists annually who now enjoy this once dangerous area. The land has become an economic generator, creating 4,800 jobs, \$110 million in annual wages and \$24.5 million in sales tax revenue during the first 10 years.

Tempe's early concerns centered on the threat that floods in the Salt River would carry landfill materials from the county island downstream, through Town Lake and into proposed parks and developments. Hard banking constructed by the Arizona Department of Transportation as part of the Papago Freeway alleviated these concerns but EPA studies concluded that the landfills posed many other solid waste concerns that were not a priority of the Superfund program.

In a leap of faith, Tempe incorporated this costly county island into its boundaries and embarked on a journey that required assemblage of 56 complicated properties, the support of a host of state and federal agencies, and partnerships with some of the nation's top consultants and developers. Upon its completion, the remediation effort may be the largest single brownfield cleanup in Arizona history.

SITE DEVELOPMENT AND LANDSCAPE

LARGE SCALE AND COMMUNITY DEVELOPMENT



Award Recipient: The Hon. Hugh Hallman,
City of Tempe
Submitted by: City of Tempe

TROPICS TRAIL

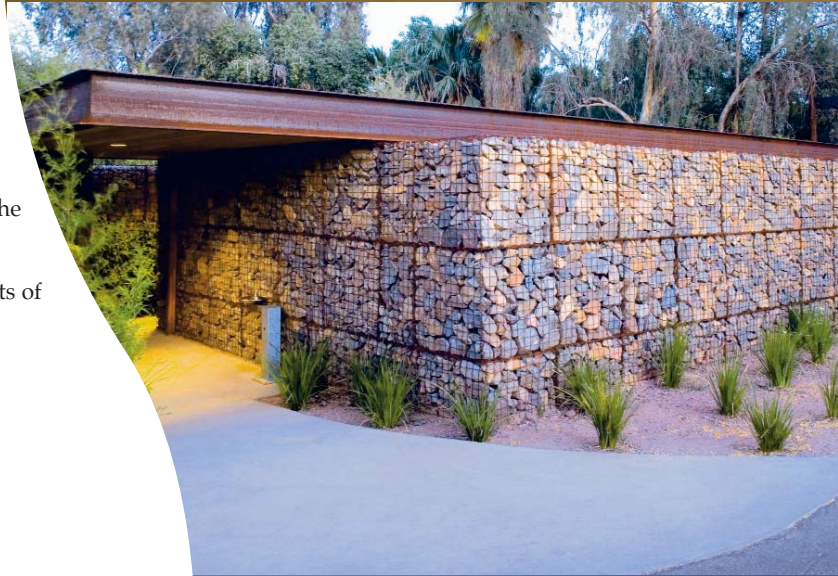
The Tropics Trail at The Phoenix Zoo strives to provide an engaging and interesting experience for visitors in the form of a public restroom building that blurs the lines between inside and outside, nature and architecture. It brings the bamboo forest of the Tropics Trail inside the open-air structure, providing views to the sky while a cantilevered roof plane protects users from the elements.

The stone-filled gabion walls grow out of the landscape and utilize natural materials that have an extremely low embodied energy. The structural steel framing is approximately 95 percent recycled steel content. Water conservation is achieved through the use of waterless urinals and water-efficient plumbing fixtures. In addition, the roof structure is designed to direct rainwater to the interior bamboo planting areas, reducing the need for irrigation.

The blending of the natural environment into all aspects of life helps to enrich even the simplest and most mundane of structures, such as a public restroom building.

SITE DEVELOPMENT AND LANDSCAPE

INDUSTRIAL AND PUBLIC WORKS



Award Recipient: Jeff Williamson, The Phoenix Zoo
Submitted by: Weddle Gilmore Architects

NEW RIVER TRAIL, RIO VISTA PARK SEGMENT

The New River Trail located along the east and west banks of the New River channel contributes to open space, recreation and connectivity in Peoria and the West Valley.

While the trail was built as part of a bank stabilization project between the city of Peoria and the Flood Control District of Maricopa County, both agencies recognized the potential of the corridor. Through public and stakeholder meetings, a vision was created that now offers pedestrians, joggers and bicyclists a viable transportation corridor that is as beautiful as it is functional.

The corridor is also a regional showcase for the application of environmental technology to improve habitat values for a desert riparian system that has lost its natural historic hydrology. The trail now reconnects the community to a diversely rich ecosystem.

The gabion bank protection was covered by a thick layer of soil dredged from the construction site and over-seeded with riparian seed species so that in time, the channel would naturalize itself to the environment. The trail corridor and bank edges were planted with new low-water-use desert adapted and drought tolerant plant species.

While reclaimed water is not yet available, the irrigation system was designed to take advantage of future reclaimed water resources that may become available when the city's Butler Water Reclamation Facility is complete and operational in 2008. Until then, a sophisticated centralized water irrigation system collects environmental data to reduce landscape water consumption along the trail.

OPEN SPACE AND CONNECTIVITY

TRAILS



Award Recipient: The Hon. Bob Barrett,
City of Peoria

Submitted by: City of Peoria, Community
Services Department

SONORAN MOUNTAIN RANCH NEIGHBORHOOD PARK & EAST WING MOUNTAIN TRAIL

Sonoran Mountain Ranch Park is a landmark and activity hub of the Sonoran Mountain Ranch Community, with its East Wing Mountain Trail attracting hikers and outdoor enthusiasts from nearby neighborhoods. The community itself was designed to preserve and protect an existing natural butte that is the visual focal point and key element of the trail.

Located in the city of Peoria, the park is composed of two individual parcels that provide traditional recreational activities, as well as outdoor spaces for social gathering, while also serving as the trailhead for the 1.5-mile East Wing Mountain Trail.

Throughout the park and trail design process, primary emphasis was on preserving and maintaining the existing character and vegetation and on using techniques to protect the environment. The planting scheme was designed to blend with the surrounding desert. Where development occurred, trees, cacti, shrubs and the natural desert pavement were salvaged and reused within the community.

The planting and trail layout integrate park users with native vegetation so visitors enjoy native plants and wildlife in the unique Sonoran Desert.

OPEN SPACE AND CONNECTIVITY

PARKS



Award Recipient: The Hon. Bob Barrett,
City of Peoria

Submitted by: City of Peoria, Community
Services Department

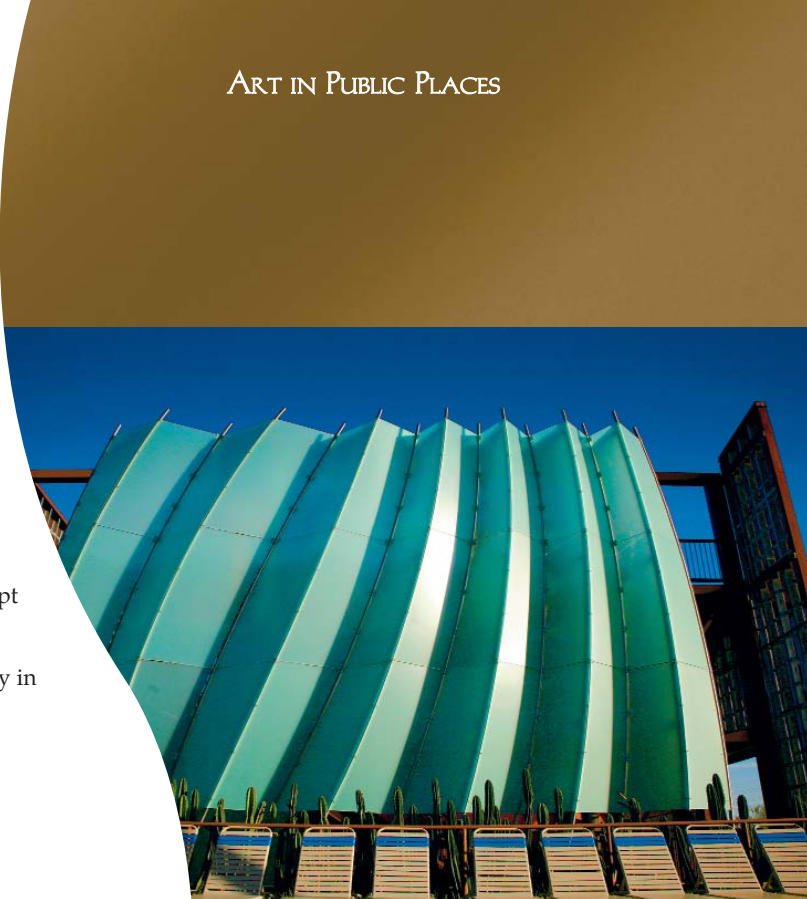
CACTUS MIRAGE

Seattle-based artist Norie Sato's work celebrates the changing quality of light and atmosphere in the Arizona desert – shadows, reflections, the sparkle of water, sun cycles and movement of air. The light green translucent sculptural wall is inspired by desert cacti with its graceful curved segments. Behind the wall an intricate framework holds thousands of Mylar disks that shimmer and catch the subtle movements of light and air.

It is environmentally sensitive, as it uses no energy or resources and requires little maintenance, upkeep, conservation or restoration.

This powerful public art piece makes a bold statement at the city of Scottsdale's McDowell Mountain Ranch Aquatic Center, where it mimics the play of light on water and reflects the subtle elemental beauty in the surrounding environment. The artist – inspired by barrel cacti forms – abstracted, softened and flattened their shapes in order to sculpt the wall in an acrylic material. The light green color subtly reflects the softness of desert sages and other native flora and fauna, as well as serving as a foil for the dramatic changeability in the desert.

ART IN PUBLIC PLACES



Award Recipient: The Hon. Mary Manross,
City of Scottsdale
Submitted by: Scottsdale Public Art Program

HISTORIC GIBSON MINE RECLAMATION

The former Gibson Mine is located in southern Gila County, approximately 10 miles southwest of Globe and 70 miles east of Phoenix in the Miami Inspiration Copper District. The mine was operated sporadically by various entities from 1903 through 1990, when all mining operations terminated.

In 1972, the Franciscan Fathers of the Province of Santa Barbara, a non-profit organization, received a half-interest in the 220-acre property as a donation. The Friars never conducted mining activities at the site, however a lessee and several sub-lessees conducted leaching operations from the early 1960s through 1990.

The Gibson Mine sits at the headwaters of the Gibson Mine Tributary and has been identified by regulatory agencies as the major source of copper loading to Pinto Creek along the tributary, causing the creek to be listed by the Arizona Department of Environmental Quality for non-attainment of water quality standards.

Contributing pro bono services to the Friars, Bryan Cave, LLP and Brown & Caldwell assisted the Friars in developing and implementing a cleanup plan and innovative funding mechanisms to accomplish the necessary remediation, estimated to cost in excess of \$2 million. A \$350,000 contribution from Carlota Copper Company was negotiated to assist the reclamation effort, and BHP Copper, Inc. agreed to reprocess the mining materials at its nearby Pinto Valley Operations facility. DalMolin Excavating also agreed to provide services at a reduced rate.

ADEQ awarded the Friars the then-largest Water Quality Improvement Grant ever made – \$570,000. The project included the removal of more than 100,000 tons of low-grade ore and tailings in approximately 5,000 truckloads over the course of 91 construction days.

ENVIRONMENTAL TECHNOLOGIES

PRIVATE SECTOR



*Award Recipient: Pejman Eshraghi
Submitted by: Brown and Caldwell*

ANNUAL GREEN BUILDING EXPO EVENT

Now in its 10th year, this unique educational event is coordinated through the boundless energy of a 20-member volunteer committee and a municipal collaboration among the cities of Phoenix, Tempe and Scottsdale. The grassroots initiative has helped to broaden the arena for environmentally sensitive building practices Valleywide and continues to expand consumer interest and demand for green building products, materials and lifestyle choices.

Growing every year and involving nearly 90 exhibitors, the expo is designed to provide environmental awareness to a wider audience of the general public and building industry. The event features keynote speakers, workshops, films, book discussion and displays that demonstrate healthy, energy efficient design principles and building practices.

The Green Building Expo collectively involves over 7,500 citizens, designers and builders and represents a successful multi-jurisdictional partnership that fosters environmental education and stewardship.

ENVIRONMENTAL EDUCATION/
COMMUNICATION

PUBLIC SECTOR



Award Recipient: The Hon. Mary Manross,
City of Scottsdale
Submitted by: City of Scottsdale

GLOBAL WATER CENTER

With the distinction of being the fastest growing private water and wastewater utility in the Southwest, Global Water has implemented one of the largest total water management plans in the nation. The company recognized that to be effective now and into the future, reducing dependence on scarce groundwater would require sweeping public support.

A comprehensive and multi-faceted communications campaign was created to help the public and lawmakers better understand the need to conserve water and be willing to help fund state-of-the-art research and forward-thinking technology.

The effort began with a consumer phone survey designed and conducted to benchmark Pinal County residents' perceptions and acceptance levels of recycled water. It further involved creating a brand position for Global Water, new logo identity and tagline – "Reliable. Renewable. Reusable." – along with a "Water Drop" educational advertising campaign.

The multimedia marketing approach even encompassed the Global Water Center building. Customer service areas in the lobby were designed with interactive educational kiosks and displays to educate the public about water recycling and reuse. Professional videos were also produced featuring "Resource Guy" and "Resource Gal" to teach kids about the importance of conservation.

ENVIRONMENTAL EDUCATION/ COMMUNICATION

PRIVATE SECTOR



Award Recipient: Leo Commandeur,
Global Water Resources
Submitted by: Deutch Associates Architecture

CITY OF SCOTTSDALE AQUIFER SUSTAINABILITY PROGRAM

As water is the lifeblood of the desert, Scottsdale is managing this valuable resource through advanced treatment technologies, demonstrating a proactive stewardship role.

In 1980 Arizona passed the Groundwater Management Act that set the achievement of “safe yield,” a balance between groundwater withdrawal and artificial/natural recharge, as a goal for Phoenix-area water providers. To achieve “safe yield,” Scottsdale had to overcome several challenges – primarily, its historic 100 percent dependency on groundwater to supply its drinking water, and secondly, the city’s wells are located on the upper-end of the aquifer, making the community more vulnerable to water-level decline.

Scottsdale implemented an innovative set of water resource management strategies, which culminated in the city’s Aquifer Sustainability Program. Its surface water acquisition program was funded by the first impact fees in the state, developed by Scottsdale, dedicated exclusively toward water supply acquisition. The city now receives approximately 75 percent of its drinking water from two surface water supplies, the Colorado River through the Central Arizona Project, and the Salt and Verde rivers through SRP.

The city then maximized its reclaimed water supply through its Scottsdale Water Campus, which delivers reclaimed water directly to 23.5 golf courses in north Scottsdale for turf irrigation. To better manage groundwater conditions, the city initiated a complex groundwater modeling effort, and helped to establish a strong water conservation ethic as one of the founding partners of the Valleywide “Water – Use It Wisely” campaign.

Scottsdale achieved “safe yield” in 2006, a milestone that will help sustain groundwater resources.

LIVABLE COMMUNITIES

RESOURCE MANAGEMENT



Award Recipient: The Hon. Mary Manross,
City of Scottsdale
Submitted by: City of Scottsdale Water
Resources Department

SONORAN PRESERVE EDGE TREATMENT GUIDELINES

Phoenix has more than 29,000 acres of mountain preserve and desert parks and has embarked on an aggressive program to acquire an additional 20,000 acres for the Sonoran Preserve, which will have approximately 150 miles of preserve edge. With such a large desert preserve system in a rapidly growing area, it is important that new development be guided by specific criteria when located adjacent to a preserve boundary.

To ensure the public has access to the Sonoran Preserve and to protect the public investment in these lands, the city of Phoenix adopted the Sonoran Preserve Edge Treatment Guidelines, created through a cooperative effort among city departments, public and private agencies, and interested individuals.

The adoption of the guidelines marks a significant change in public policy and thinking about how private development interacts with public open space. Historically the city has allowed private developers to capitalize on their proximity to the preserve lands by building private, gated communities along the edge of public parks and preserves, limiting the physical and visual access to the public lands. Today, private development is required to provide a significant amount of public access, both physical and visual, to preserve lands. The guidelines require 60 percent of a development adjacent to the preserve edge to be accessible to the public.

Incorporating open edge treatments, such as cul-de-sacs, single loaded streets and private undisturbed open space helps expand the open space benefits to the larger community and provides substantial access to the preserve, reinforcing the notion that the preserves are “ours.”

LIVABLE COMMUNITIES

PUBLIC POLICY/PLANS



Award Recipients: Councilmember Peggy Neely,
City of Phoenix and
Debra Wilkins Stark, AICP
Submitted by: City of Phoenix

A DECADE OF ENVIRONMENTAL EXCELLENCE AND LEADERSHIP

Intel has dedicated the past 10 consecutive years to creating and developing cutting edge environmental leadership strategies. The corporation's efforts have been recognized in an innovative program through the U.S. Environmental Protection Agency known as Project XL (eXcellence and Leadership), which allows participating firms greater operating flexibility in exchange for commitments to superior environmental performance and public accountability.

A stakeholder group involving Intel, the EPA, local and state governments, environmental advocacy organizations and citizens worked together to craft an Environmental Master Plan incorporating air, water and waste requirements along with several voluntary environmental goals.

The process allowed Intel more flexibility to operate chip fabrication facilities, which is a critical need in the highly competitive semiconductor industry. A "verifiable trust" was created, with performance being reviewed with stakeholders and posted quarterly on the World Wide Web.

The project's success is demonstrated in the unique water conservation partnership Intel established with the city of Chandler, resulting in more than three billion gallons of quality drinking water returned to the aquifer for eventual reuse. Intel has also recycled more than 57,000 tons of solid waste over the past decade and reduced its energy use by approximately 20 percent on a normalized production basis from 2002 through 2006.

Three chip fabrication facilities have ultimately been built on the Cotillo site with a total Intel investment topping \$9 billion, showing that superior environmental performance complements business goals.

ENVIRONMENTAL STEWARDSHIP —

SRP AWARD



*Award Recipient: Steve Megli
Submitted by: Intel Corporation*

AWARDS OF MERIT

BUILDINGS AND STRUCTURES

SINGLE FAMILY RESIDENCE

The Palmer Residence

Award Recipient: James Roberts

Submitted by: Roberts/Jones Associates, Inc.

BUILDINGS AND STRUCTURES

HISTORIC PRESERVATION

Verde Building

Award Recipient: Susanna Roque

Submitted by: Resolution Copper

Hotel Valley Ho

Award Recipient: Kenneth Allen

Submitted by: Allen + Philp Architects

BUILDINGS AND STRUCTURES

LARGE SCALE AND COMMUNITY DEVELOPMENT

The Conservation Center at the Phoenix Zoo

Award Recipient: Jeff Williamson

Submitted by: Weddle Gilmore Architects

Northsight Corporate Office Building

Award Recipient: John DiVall

Submitted by: RSP Architects

BUILDINGS AND STRUCTURES

INDUSTRIAL AND PUBLIC WORKS

East Valley Bus Operation & Maintenance Facility

Award Recipient: Ken Anderson

Submitted by: RNL Design

Global Water Center

Award Recipient: Leo Commandeur,

Global Water Resources

Submitted by: Deutsch Associates Architecture

BUILDINGS AND STRUCTURES

PUBLIC ASSEMBLY

Phoenix Convention Center - West Building

Award Recipient: Jay Green

Submitted by: City of Phoenix -

Convention Center Department

Verrado High School

Award Recipient: John Schmadeke

Submitted by: Agua Fria Union High School District #216

SITE DEVELOPMENT AND LANDSCAPE

INDUSTRIAL AND PUBLIC WORKS

Arizona Avenue Gateway to Downtown Chandler

Award Recipient: The Hon. Boyd Dunn, City of Chandler
Submitted by: City of Chandler Public Works Department

SITE DEVELOPMENT AND LANDSCAPE

PUBLIC ASSEMBLY

Phoenix Convention Center Phase I

Award Recipient: Jay Green
Submitted by: A Dye Design/Ten Eyck Landscape Architects

OPEN SPACE AND CONNECTIVITY

TRAILS

Maricopa County Spur Cross Trail System

Award Recipient: Supervisor Andy Kunasek,
Maricopa County Board of Supervisors
Submitted by: Maricopa County Parks
and Recreation Department

OPEN SPACE AND CONNECTIVITY

PARKS

Marley Park - Parks and Arbor Walk

Award Recipient: Dan Kelly, DMB, Inc.
Submitted by: EDAW, Inc.

Reach 11 Recreation Area Phase I

Award Recipients: Councilmember Peggy Neely,
City of Phoenix and Dan Withers
Submitted by: D.L. Withers Construction

ART IN PUBLIC PLACES

Moving Memories - The Arizona 9/11 Memorial

Award Recipients: Eddie Jones, Matt Salenger & Maria Salenger
Submitted by: Jones Studio, Inc. + colab studio, llc

**“Play Like a River” Art for the North Tempe
Multi-Generational Center**

Award Recipient: Thomas Strich
Submitted by: Thomas Strich - Artist

ENVIRONMENTAL TECHNOLOGIES

PUBLIC SECTOR

Rio Salado Habitat Restoration

Award Recipient: Nancy Ryan
Submitted by: City of Tempe/Rio Salado

ENVIRONMENTAL TECHNOLOGIES

PRIVATE SECTOR

EnviroCar

Award Recipient: Jim Whiteside
Submitted by: David and Sam PR

ENVIRONMENTAL EDUCATION/COMMUNICATION

PUBLIC SECTOR

Programs with Purpose - Interpretive Ranger Programs

Award Recipient: Supervisor Andy Kunasek,
Maricopa County Board of Supervisors
Submitted by: Maricopa County Parks and Recreation Department

ENVIRONMENTAL EDUCATION/COMMUNICATION
PUBLIC SECTOR

Bring Back Blue

Award Recipient: Supervisor Mary Rose Wilcox,
Maricopa County Board of Supervisors

Submitted by: Maricopa County Air Quality Department

ENVIRONMENTAL EDUCATION/COMMUNICATION
PRIVATE SECTOR

APS' Road to Renewable Energy

Award Recipient: Peter Johnston

Submitted by: Arizona Public Service Company

ROHS Thought Leadership Campaign

Award Recipient: Heidi Elliott

Submitted by: Avnet Electronics Marketing

ENVIRONMENTAL EDUCATION/COMMUNICATION
EDUCATORS, STUDENTS AND NON-PROFIT
ORGANIZATIONS

Foundation for Senior Living - Home Improvements

Award Recipient: Carrie Smith

Submitted by: Arizona Department of Commerce,
Energy Office

LIVABLE COMMUNITIES
RESOURCE MANAGEMENT

Fort McDowell Yavapai Materials Resource Management

Award Recipient: Steven Pattea

Submitted by: Eco-Edge, LLC

LIVABLE COMMUNITIES
PUBLIC POLICY/PLANS

Goodyear City Center Specific Area Plan

Award Recipient: Councilmember Frank Cavalier,
City of Goodyear

Submitted by: City of Goodyear – Community Development

Central Arizona Project Canal Multi-Use Path Master Plan

Award Recipient: Jackie Keller

Submitted by: Logan Simpson Design Inc.

ENVIRONMENTAL STEWARDSHIP —
SRP AWARD

Household Hazardous Waste Collection Program

Award Recipients: Mark Leonard and Mike Lopker

Submitted by: City of Phoenix Public Works Department

ECO, Inc.: 10 Years of Environmental Stewardship

Award Recipient: Gina D'Abella

Submitted by: Be The Solution



We appreciate the outstanding support provided by our title partner and others who helped make our Environmental Excellence Awards program possible.

SRP CONTINUES A CENTURY-OLD LEGACY OF ENVIRONMENTAL LEADERSHIP

As title partner of Valley Forward’s 27th Annual Environmental Excellence Awards, SRP salutes environmental commitment. SRP has made environmental excellence a guiding principle since 1903.



ENVIRONMENTAL SUSTAINABILITY PARTNERS

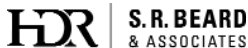
We extend special thanks for the significant generosity of our Environmental Sustainability Partners.



BlueCross
BlueShield
of Arizona



City of Phoenix



PROJECT DESIGN CONSULTANTS



landscapearchitects

Ten Eyck

SPONSORS

We thank the following firms for helping to underwrite our coveted Crescordia Awards:



ARCHITEKTON



Arizona State
Land Department

Carter#Burgess CHASE



Chandler - Arizona



DAVID EVANS
AND ASSOCIATES INC.

DEDG

DMB



EnviroCar
Chauffeured Hybrid Transportation

Honeywell



LEWIS
AND
ROCA
LLP
LAWYERS

miravista
holdings



SCOTTBLUE
REPROGRAPHICS



SNP

SUMCO USA



SunCor

WM
WASTE MANAGEMENT

WELLS
FARGO

We thank the following firms for helping to underwrite our Awards Booklet:

Brown and Caldwell, DMJM Design, EDAW, Inc., Entellus
EPG, Fennemore Craig, Malcolm Pirnie, Perini Building Company
Roberts/Jones Associates, Inc., SmithGroup, Westcor Shopping Centers

THE VALLEY FORWARD/SRP PARTNERSHIP

Valley Forward has influenced quality of life decisions in the Valley since 1969 and is now celebrating 38 years of bringing business and civic leaders together to improve the livability and sustainability of our metropolitan area communities. The organization has helped to ensure that decisions about how Valley residents will live tomorrow are made with foresight and imagination today.

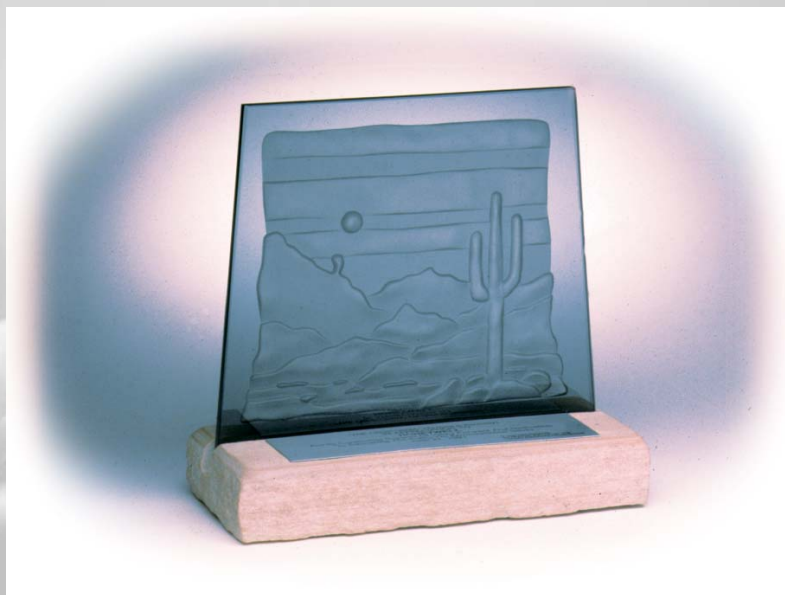
SRP continues its centennial heritage of environmental leadership by offering a diversified portfolio of renewable energy technologies, forging powerful partnerships within the community and providing outstanding environmental education resources to teachers and students throughout Arizona. A charter member of Valley Forward, SRP has played a vital role in the growth of this environmental public interest group.

Valley Forward is pleased to partner with SRP in presenting our 27th Annual Environmental Excellence Awards gala. For information about Valley Forward, or to sponsor next year's award's program, contact:

Diane Brossart, President
Valley Forward Association
3800 N. Central Avenue, Suite 220
Phoenix, AZ 85012



Telephone: (602) 240-2408
Fax: (602) 240-2407
E-mail: info@valleyforward.org
Website: www.valleyforward.org



THE CRESCORDIA AWARD -- TO GROW IN HARMONY

