

The Acorn Group

Interpretive Planning and Design





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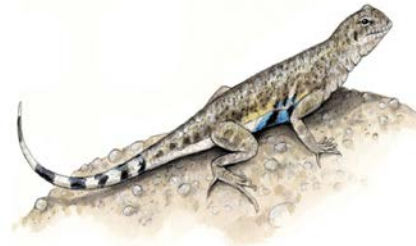
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acorngroup.com

Overview of The Acorn Group, Inc.

Blending the skills of planners, designers, and educators, The Acorn Group offers award-winning services in interpretive planning and design. Part art, part science and history, accented with storytelling and design, our interpretive master plans, exhibits, panels, and programs create sensory-rich experiences that bring content to life.

Established in 1990 and nationally certified as a Woman Business Enterprise, The Acorn Group works with a range of clients from government agencies to private and non-profit institutions. Project sites include visitor centers, museums, public gardens, ecological reserves, parks, and educational institutions. Our greatest satisfaction comes from seeing plans and drawings become reality and watching visitors take delight in new experiences.

The Acorn Group's projects and efforts have been recognized nationally, receiving such awards as the Exhibit Design Award, Print and Media Award, and Interpretive Media Award by the National Association for Interpretation, Award of Excellence by the American Society of Landscape Architects, Best of Show by the Western Fairs Association, Award of Excellence by the California Parks and Recreation Society, and National Education Award by the Association of Zoos and Aquariums. The Orange County League of Conservation Voters presented The Acorn Group with the Orange County Environmental Business of the Year Award in 2005. In 2007, The Acorn Group received the First Place Interpretive Media Award from the National Association for Interpretation for design of Nix Nature Center. In 2012, the North American Association for Environment Education presented The Acorn Group and Acorn Naturalists with their Outstanding Service Award. In 2016, we joined the Owens Lake project team in accepting the Southern California Chapter of the American Society of Landscape Architects' prestigious Award of Excellence. This project also received the National 2017 Professional Award by the American Society of Landscape Architects. In 2019, the National Association for Interpretation presented us with an Interpretive Media Award for our work at the Holden Arboretum.



Capabilities of The Acorn Group include:

interpretive master planning

interpretive writing and editing

Interpretive panel design

exhibit design

curriculum development

donor recognition media, including panels, pavers, and banners

print media, including exhibit brochures, exhibit passports, discovery kits, and trail guides

formative and summative evaluation

front-end research, including intercept and online surveys, needs assessments, and focus groups

illustration, including fine art, maps, and scientific illustrations

script development for electronic media

strategic planning for both interpretation and education

visitor engagement through community science and stewardship activities

wayfinding design, including orientation panels, directional signs, and mileage markers



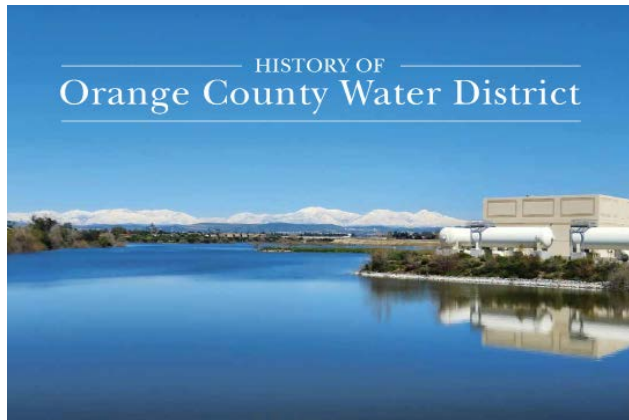
Projects

Pt. Lobos State Natural Reserve

In collaboration with John Murray Productions, interpretive planning and exhibit design of the historic Whalers Cabin at Point Lobos. Work includes broadening the historical narrative to include Indigenous People, Chinese anglers, Japanese abalone divers, and Portuguese whalers. Work commissioned by California State Parks and John Murray Productions. Carmel, California (in process).

Yolo Basin

Interpretive planning and interpretive media development for the Yolo Basin Wildlife Area Public Access and Education Capital Improvement Project. Deliverables include new signage throughout the wildlife area, design of a mobile visitor center, and design of interpretive media in a "learning space" consisting of outdoor stations and new portable building. PlaceWorks and Yolo Basin Foundation, Davis, California (in process).



Shell Ridge

Development of interpretive panels that focus on the geology and ranching history of Shell Ridge, a reserve within Walnut Creek Open Space in northern California. City of Walnut Creek Open Space District, Walnut Creek, California (in process).

University of California, Irvine NatureScape

Development of an interpretive panel plan to serve as an overlay of the UC Irvine Botanical Garden Master Plan and Naturescape Vision. The plan addresses recommendations for the north, south, east, and west campuses, and Aldrich Park Botanical Garden, and includes interpretive messages, summaries of panel content, design templates, Naturescape logo templates, panel templates, and renderings of panel bases. Regents, University of California, Irvine, California (in process).

California State Parks

In collaboration with Placeworks, assessment of the narratives currently presented at California State Historic Parks, as told in living history programs, docent-led tours, and exhibits. Work includes research into each site's history as perceived by underrepresented voices and broader source material. Our work involves conducting focus groups and oral histories and making recommendations to establish authentic stories told through multiple voices. Placeworks and California State Parks, Sacramento, California (in process).

Orange County Water District

Editing and revision of the *History of Orange County Water District*, a 90-year anniversary tribute book for the Orange County Water District, Fountain Valley, California, 2023.



San Juan Hot Springs

Development of panel copy that highlight the storied San Juan Hot Springs, a now abandoned resort whose heyday dates back to the 1800s. Panels interpret the history of the hot springs resort, the science behind thermal pools, and the plant communities that surround the site. Sola Creative and the County of Orange/OC Parks, 2023.

Old Borgess Ranch

Development of interpretive panels for the Old Borgess Ranch, a cattle ranch in the Diablo Range in northern California. Panels interpret the historic 1899 barn and ranch house, as well as the surrounding oak savanna. City of Walnut Creek Open Space District, 2023.

North Carolina Botanical Garden

Development of an interpretive master plan for 1,100 acres of cultivated native plant gardens and adjacent forest preserve. Collections include an assemblage of rare pitcher plants and fly traps native to southeastern US. Our work includes a visitor survey; recommendations for digital media and measures to create a safe and inclusive space; development of a visitor experience narrative; and new sign standards. Work commissioned by the University of North Carolina, Chapel Hill, North Carolina (in process).



George F Canyon

Exhibit design for the new nature center at George F Canyon, one of the Palos Verdes Peninsula Land Conservancy's premier preserves. Work includes schematic through final design of interior exhibits commissioned by the Palos Verdes Peninsula Land Conservancy and City of Rolling Hills and in collaboration with Roesling Nakamura Terada Architects (in process).

Vistoso Trails

Working with Sites Southwest and the Town of Oro Valley, interpretive and education master planning for the 202-acre Vistoso Trails Nature Preserve in southern Arizona. Recommendations for trail experiences and programs are based on engagement of the neighboring community and local school district. Content explores the Sonoran Desert as well as a Hohokam Native American cultural resource site. Work commissioned by Sites Southwest. Oro Valley, Arizona, 2023.



Rancho Del Oso

In collaboration with John Murray Productions, interpretive planning and design of the Rancho Del Oso Welcome Center. Located at the western edge of Big Basin Redwoods State Park, this facility will serve as the Skyline-to-Sea trailhead and primary park entrance as the park rebuilds from the 2020 Lightning Complex Fire. Work commissioned by the Save the Redwood League and California State Parks. Davenport, California 2023.

October 2023

CABRILLO MARINE AQUARIUM

INTERPRETIVE MASTER PLAN



Compton Creek Natural Area

Development of three interpretive panels for an urban park adjacent to Compton Creek. This four-acre site meanders through a native streamside and coastal sage scrub landscape, while demonstrating design strategies that control urban runoff with swales, pervious surfaces, and a subterranean cistern. Work commissioned by the Los Angeles Conservation Corps, 2022.

Cabrillo Marine Aquarium

Development of an interpretive master plan for Los Angeles's public aquarium, a 21,000 square foot museum located adjacent to the Port of Los Angeles and Cabrillo Beach Coastal Park. Our work involves revisioning the Aquarium's main exhibit hall, as well as the Exploration Center, Aquatic Nursery, and other amenities. Careful attention is being paid toward establishing a seamless arrival that links beachfront walking paths to the Aquarium and creating a dynamic, relevant, and inclusive space for all visitors. Work commissioned by Split Rock Studios and the Friends of Cabrillo Marine Museum, San Pedro, California (in process).



Silver Creek Preserve

Interpretive planning at one of The Nature Conservancy's flagship reserves, Silver Creek Preserve in Idaho. Our interpretive prospectus details new visitor experiences both on the grounds and in the new visitor center where this world class fly-fishing destination is celebrated. Work commissioned by The Nature Conservancy-Idaho. Bellevue, Idaho, 2022.

Lions Tigers & Bears

Interpretive planning for the Lions Tigers & Bears Big Cat and Exotic Animal Rescue, a forever home for abandoned and abused tigers, African lions, mountain lions, and bears. Work included development of a new message hierarchy and interpretive prospectus, and recommendations for new signage. Alpine, California, 2022.

Borrego Village Association

Development of a visitor experience plan to ensure a seamless connection between the town of Borrego Springs and Anza-Borrego Desert State Park. Work encompassed stakeholder interviews and planning sessions, an intercept visitor survey, and analysis of arrival points and existing tools. End products included recommendations for new interpretive media, including digital tools, that maximize the visitor's experience in town and convey relevance to the park. Work commissioned by Borrego Village Association. Borrego Springs, California, 2022.



Bolsa Chica Wetlands Interpretive Center

In collaboration with John Murray Productions, exhibit planning and design of the Bolsa Chica Conservancy's new interpretive center and gateway to the Bolsa Chica Wetlands, Huntington Beach, California, 2022. Photo copyright 2022 Tarlton Studios.



Turlock Irrigation District

Planning and design of new mobile water and power learning experience inside a 40' educational trailer. Turlock Irrigation District, Turlock, California, 2021-2022.

Korean War Memorial

Development of two interpretive panels for a Korean War memorial in Orange County, the first installation in the United States to list the names of every fallen American soldier. Work commissioned by the Orange County Korean War Memorial Committee, Fullerton, California, 2021.

Alameda Creek Watershed Center

Development of final design drawings for exhibits and commissioned murals in the new Alameda Creek Watershed Center. Created to advance public understanding of watershed health and appreciation for the historic Sunol Water Temple, the Center features an 8,000-gallon stream profile with live trout, interactive exhibits including state-of-the-art augmented reality experiences, glass-covered simulated archaeological excavation pit, and immersive experiences at four history alcoves. Throughout our work, we have worked closely with the San Francisco Public Utilities Commission, community members, and the Muwekma Ohlone Tribe, Sunol, California (in process).

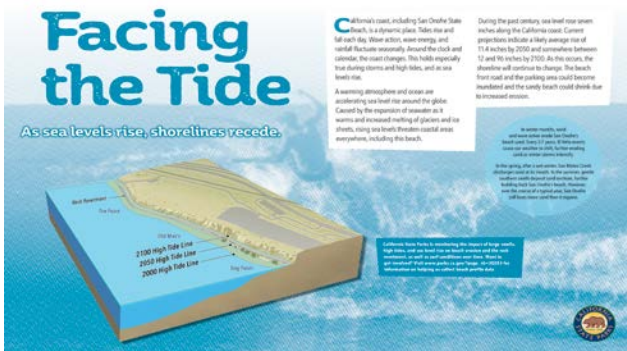


Copeland Properties

In cooperation with the Northern Chumash, wayside exhibit design along path adjacent to the recently excavated *zanja* (irrigation ditch) of Mission San Luis Obispo. Work commissioned by Copeland Properties, San Luis Obispo, California (in process).

Southeast Community Center

Design of a panel series that playfully calls attention to seasonal changes in a meadow, woodland, and seasonal creek and wetland created at this new community center. Using an "I spy" approach, the panels' rich illustrations and child-friendly copy call attention to the birds and insects these landscapes attract. San Francisco Public Works, San Francisco, California, 2021.



Nix Nature Center

Exhibit planning and design of an interactive reader rail encircling a large fabricated sycamore tree inside Nix Nature Center, Laguna Coast Wilderness Park. Work include commissioned original art and development of flipbooks, flip lids, mix and match blocks, animal call recordings, interactive acorn granary model, and interpretive panels. Work performed for the County of Orange, 2021.

San Onofre State Beach

Design of interpretive panel on climate change, sea level rise, and effect at San Onofre State Beach for California State Parks, San Onofre, California, 2020.



Myakka River State Park

Exhibit planning and design at one of Florida's oldest and largest state parks and first state-designated wild and scenic river. Work includes interpretive planning, development of the exhibit narrative, and creation of exhibit drawings for 1,200 square feet of interior exhibit space. Work commissioned by Florida State Parks, Sarasota, Florida (in process).

Collier-Seminole State Park

Exhibit planning and design at one of the world's largest mangrove swamps. Work includes interpretive planning, development of the exhibit narrative, and creation of exhibit drawings for interior exhibits in a replicated 19th century blockhouse. Work commissioned by Florida State Parks, Naples, Florida (in process).

San Joaquin Historical Society & Museum

Interpretive master planning for 18-acre facility that includes four historic buildings, eight exhibition buildings, and trails. The scope of work includes a visitor survey, educator needs assessment, stakeholder planning session, and interpretive prospectus. Work performed for the San Joaquin Historical Society, Lodi, California, 2021.



Fakahatchee Strand Preserve State Park

Exhibit design in new interpretive pavilion and panel design along the strand's boardwalk, wet prairie, and orchid and bromeliad canopy walk. Commissioned by Florida State Parks, work entails conceptual through final design of all media, Naples, Florida, 2021.

Anza-Borrego Desert State Park

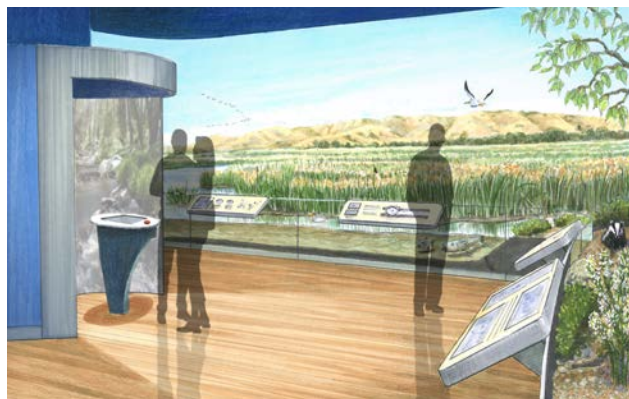
Design and writing of three orientation panels at the Coyote Canyon trailhead developed for California State Parks, Borrego Springs, California, 2020.

Caspers Wilderness Park

Development of revised Junior Ranger Activity Book, designed for 6-13 year old park visitors and their caregivers. Work performed for OC Parks and SoLa Creative, 2019.

Orange County Water District

Planning and design of exhibits for the proposed Watershed and Wildlife Center at Orange County Water District, Fountain Valley, California 2018-2019.





Ritz-Carlton Laguna Niguel

Wayside exhibit design for the bluff trail leading to Salt Creek Beach. Work includes writing and design of four panels, each incorporating a selfie station framed by an iconic feature seen along the way. Work commissioned by the Ritz Carlton Laguna Niguel, Laguna Niguel, California, 2021.

Tijuana River National Estuarine Research Reserve

Development of the interpretive master plan and interpretive action plan for this riverine and estuarine reserve and visitor center. Work includes bilingual front-end visitor research, facilitation of planning sessions, analysis of natural, cultural, and recreational resources, identification of strategies to protect resources and visitor experiences at the reserve and border, and coordination to ensure management issues of California State Parks, NOAA, and US Fish and Wildlife Service. Work performed for California State Parks, Imperial Beach, California, 2021.



Edward C Little Water Recycling Facility

Exhibit design of the interior corridors of the administrative building, including development of interpretive panels, touchscreen elements, wall displays, and interactive displays on reading rails. The Acorn Group also developed new signage for the water conservation garden adjacent to the building. Work commissioned by West Basin Municipal Water District, Carson, California, 2019.

Lodi Lake Nature Area

Interpretive planning and wayside exhibit design for the Lodi Lake Nature Area, a 58-acre riparian forest along a lakeshore and banks of the Mokelumne River. Work includes development of seven new interpretive panels and orientation and regulatory signs for the City of Lodi, Lodi, California, 2019.



Environmental Discovery Center at Spring Lake

Interpretive planning and exhibit design for the Environmental Discovery Center at Spring Lake, one of Sonoma County's Regional Parks. Work includes development of new messages and interpretive goals, new narrative, and interpretive prospectus and exhibit drawing set. Work done in collaboration with James Freed Design, Santa Rosa, California, 2019.

Aliso and Wood Canyons Wilderness Park

Development of seven interpretive panels in the post-burn recovery area of the OC Parks' facility. Work performed for OC Parks and SoLa Creative, Aliso Viejo, California, 2019.



Pismo State Beach and Oceano Dunes

Development of the interpretive master plan and interpretive action plan for two distinct units in the California State Parks system. Work includes front-end visitor research, stakeholder interviews, analysis of natural, cultural, and recreational resources, and identification of strategies to protect resources and visitor experiences. Pismo State Beach and Oceano Dunes State Vehicular Recreation Area, Oceano, California, 2021.

San Francisco Peninsula Watershed Trail

Design of interpretive media identified in the interpretive master plan prepared by The Acorn Group, including universally designed panels with audio and tactile elements, orientation panels, trail maps, and mileage markers along the Fifield-Cahill Ridge Trail and Southern Skyline Ridge Trail Extension. In collaboration with the San Francisco Estuary Institute and San Francisco Public Utilities Commission, San Francisco, California, 2021.



Education Master Plan
California Trail Interpretive Center

Sooky Goldman Nature Center/Franklin Canyon Park

Development of an Exhibit Plan Prospectus for the Sooky Goldman Nature Center. Working with the Mountains Recreation and Conservation Authority and Community Nature Connection, we worked with numerous stakeholders to identify interpretive themes with stronger resonance with target audiences, including disadvantaged youth and their families. We prepared a new narrative and message hierarchy, identified a new suite of exhibits, and created a set of exhibit perspectives and plan view, Los Angeles, California, 2020.

California Trail Interpretive Center

Development of the education master plan for the California Trail Interpretive Center, a facility that celebrates the 2,000-mile overland California National Historic Trail. The master plan focuses on recommendations to strengthen and diversify formal, nonformal, and informal programming while attracting and retaining new audiences. Bureau of Land Management and Southern Nevada Conservancy, Elko, Nevada, 2019.



Portola Springs Community Center

Design of photomurals, artifact labels, and interpretive panels that call out Pleistocene fossils and archaeological discoveries in the Portola Springs region of Orange County, prepared for the Irvine Company and Juaneño Band of Mission Indians, Acjachemen Nation, Irvine, California, 2019.

Bolsa Chica Wetlands Interpretive Center

Development of an exhibit plan prospectus for a new building, including the message hierarchy, exhibit narrative, and conceptual drawing set for the Bolsa Chica Conservancy, Huntington Beach, California, 2019.



West Coyote Hills

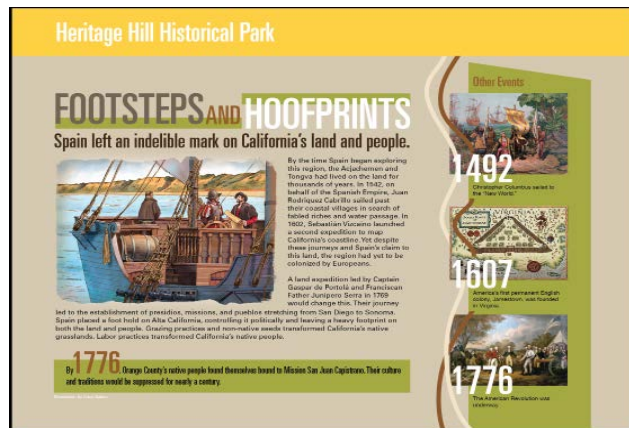
Development of panels and exhibits identified in the interpretive master plan The Acorn Group previously prepared for the Robert E. Ward Nature Preserve and West Coyote Hills Open Space Area. This work involves design of wayside exhibits, orientation and wayfinding signs, and exhibits for the interpretive center and grounds. Chevron /Pacific Coast Homes in association with RJM Design Group, Fullerton, California (in process).

Bommer Canyon

Wayside exhibit design to interpret the ecological restoration of The Irvine Ranch Conservancy's preserve and the site of historic ranching operations of the Irvine Ranch. Irvine Ranch Conservancy, Irvine, California, 2019.

South Cove

Interpretive planning and design of interpretive media that celebrate Dana Point as a coastal community, mecca for surfing and sailing, and site of legends and heroes. Created for the City of Dana Point, the panels, sculptural elements, and monuments capture the city's history and legacy. Dana Point, California, 2017-2018.



Silver Creek Preserve

Development and administration of front-end visitor research at The Nature Conservancy's Silver Creek Preserve in Bellevue, Idaho, 2018.

Heritage Hill Historical Park

Wayside exhibit design to interpret five eras in California history using restored historical buildings as the focal points, OCParks, Lake Forest, California, 2018.

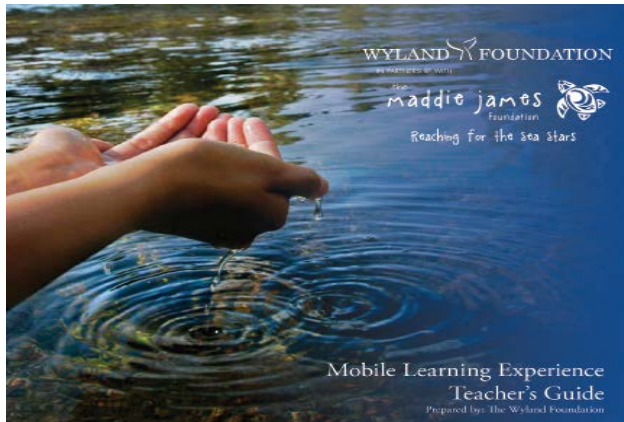
Sacramento-San Joaquin Delta

Development of the Delta Sign Plan whose purpose is to guide development of welcome/orientation panels, wayfinding signs, place markers, and interpretive panels throughout the California Delta region, establish design standards to ensure graphic unity, and recommend best practices to guide future sign work among many stakeholders. Sacramento-San Joaquin Delta Conservancy, West Sacramento, California, 2018.

Garden Grove Unified School District

Wayside exhibit design focusing on stormwater pollution prevention measures at three high school campuses, Garden Grove Unified School District and Climate Resolve, 2018.





Wyland Foundation

Conceptual design of new eutrophication learning station in the Mobile Learning Center (MLC), a state-of-the-art bio-diesel traveling exhibition; work also includes editing and refinement of the MLC Teacher's Guide and development of recommendations for evaluation. Wyland Foundation, Irvine, California, 2018.

Village of Putuidem at Northwest Open Space

Interpretive planning and design of panels and directionals at an Acjachemen cultural site and park, for the City of San Juan Capistrano, NUVIS Landscape Architecture and Planning, and the Juaneño Band of Mission Indians, Acjachemen Nation, San Juan Capistrano, California, 2017-2018.

Agua Hedionda Lagoon

Wayside exhibit design on vernal pool ecology for the Agua Hedionda Lagoon Foundation Carlsbad, California, 2018.

Brand Park and Seven Trees Trail

Wayside exhibit design for new trail system in the Verdugo Mountains, Bellfree Contractors and the City of Glendale, Glendale, California 2018.

San Francisco Peninsula Trail

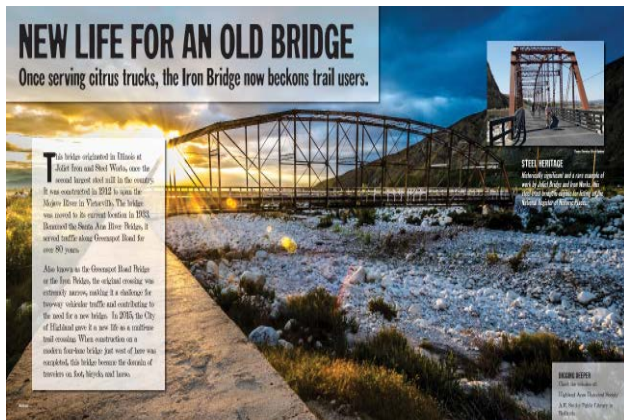
Interpretive and landscape architectural master planning for the Fifield-Cahill Ridge Trail and Southern Skyline Boulevard Ridge Trail Extension on the San Francisco Peninsula in collaboration with the San Francisco Estuary Institute and San Francisco Public Utilities Commission, San Francisco, California, 2017-2018.

Lindsay Wildlife Experience

Interpretive master planning for the Lindsay Wildlife Experience, a museum and wild-life rehabilitation center that includes exhibits, interior and exterior enclosures for non-releasable wildlife, programs, roving interpretation, and wildlife hospital in Walnut Creek, California, 2017-2018.

Historic Greenspot Bridge Trail

Wayside exhibit design at the Santa Ana River and historic truss bridge crossing for the City of Highland, in collaboration with Stone Imagery, 2016-2017.





Diamond Valley Lake Visitor Center

Interpretive planning and exhibit redesign of the visitor center at Diamond Valley Lake for Metropolitan Water District, Hemet, California, 2017.

Flat Ranch Preserve

Interpretive planning at Flat Ranch Preserve, the centerpiece of The Nature Conservancy's Idaho work in the Greater Yellowstone Ecosystem, Island Park, Idaho, 2018.

Bolsa Chica Conservancy

Wayside exhibit design at the Bolsa Chica Wetlands for the Bolsa Chica Conservancy in association with the Bolsa Chica Land Trust and Amigos de Bolsa Chica, Huntington Beach, California (in process).



Russian River Watershed Education Center

Interpretive planning and design for the Russian River Watershed Education Center, Sonoma County Water Agency and James Freed Design, Forestville, California, 2017.

Presidio of Monterey

Wayside exhibit design, showcasing Yadon's piperia, an endangered orchid endemic to the Monterey Peninsula, for the United States Army, Monterey, California, 2017.

Pinole Creek

Wayside exhibit design, showcasing a fish passage improvement project on Pinole Creek for the Contra Costa Resource Conservation District, Pinole, California, 2017.

Red Butte Garden

Interpretive master planning and panel development for the new Water Conservation Garden at Red Butte Garden, University of Utah, Salt Lake City, Utah, 2017.



Holden Forests and Gardens (previously The Holden Arboretum)

2019 NAI Interpretive Media Award

Planning and design of interpretive media for the Forest Canopy Walk and Emergent Tower, two experiential structures in the heart of a hardwood forest, Kirtland, Ohio, 2015-2017.

Manassas National Battlefield Park

Educational planning services as part of the long-range interpretive master plan for Manassas National Battlefield Park, National Park Service and Compass Interpretive Planning, Manassas, Virginia, 2017.



San Clemente State Beach

Design of exhibit cases and interpretive panels for San Clemente State Beach and the San Onofre Parks Foundation, San Clemente, California, 2017.

Upper San Gabriel Valley Municipal Water District

Production of plant identification signage and interpretive panels for the demonstration gardens of the Upper San Gabriel Valley Municipal Water District, for EcoTech Services, Monrovia, California, 2017.

Alameda Creek Watershed Center

Education master planning of programs, classes, and events that address the needs of K-12 students and teachers, members of the community, and visitors to the Watershed Center and grounds of the Sunol Water Temple, San Francisco Public Utilities Commission, San Francisco, California, 2016-2017.



Google

Development of plant identification signage and interpretive panels for the Charleston Retention Basin and Habitat Improvement Project adjacent to the Google campus, for Ghilotti Bros. Contractors, Mountain View, California, 2016.

Railtown 1897 State Historic Park

Development of EEI-based K-12 units of study for Railtown 1897 State Historic Park, one of only two continuously operating historic steam locomotive roundhouse and shop complexes remaining in the United States. Created for Compass Interpretive Planning and California State Parks, Jamestown, California, 2014-2017.

Hayward Shoreline Interpretive Center

Schematic and final design of a new wetlands habitat wing, and writing and graphic design of all print media for the Hayward Shoreline Interpretive Center, Hayward Area Recreation and Park District, Hayward, California, 2016-2017.

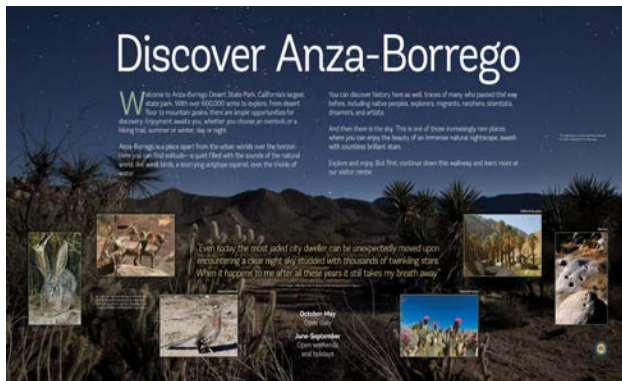
Edward C. Little Water Recycling Facility

Interpretive master planning and exhibit design for the Edward C. Little Water Recycling Facility for West Basin Municipal Water District, SVA Architects, and Bang! Creative, El Segundo, California, 2015-2016.

Madrona Marsh Preserve and Nature Center

Interpretive planning and exhibit design in the Preserve's nature center, showcasing the rarity of vernal wetlands in the heart of Southern California. In collaboration with Bang! Creative and the City of Torrance, Torrance, California, 2016.





Palos Verdes Peninsula Land Conservancy

Strategic planning work related to reframing the organization's messages according to sectors of the target audience, Palos Verdes Peninsula Land Conservancy, Palos Verdes, California, 2016.

San Diego Air and Space Museum

Interpretive planning and conceptual design of exhibits at the San Diego Air and Space Museum for the San Diego International Airport, the world's first LEED Platinum-certified commercial airport terminal, San Diego International Airport and Bang! Creative, San Diego, California 2016.

National Disaster Search Dog Foundation

Interpretive planning, including development of an interpretive summary for the Foundation's new National Training Center, a 125-acre campus where canines are paired with firefighters and other first responders who learn how to become disaster search teams. National Disaster Search Dog Foundation, Santa Paula, California, 2016.



Anza-Borrego Desert State Park

Planning and development of new interpretive panels throughout this 615,000-acre state park in Southern California in collaboration with Stone Imagery. Work included background research, writing, commissioned art and photography, and design of 83 interpretive and orientation panels, California State Parks, Borrego Springs, California, 2015-2016.

Moore's Creek National Battlefield

Educational planning services as part of the long-range interpretive master plan undertaken by Compass Interpretive Planning for Moore's Creek National Battlefield, site of the first Patriot victory in the American Revolution, National Park Service, Currie, North Carolina, 2016.

Fakahatchee Strand

Development of the exhibit and sign plans for the Big Cypress Bend Boardwalk trail system and interpretive pavilion in Fakahatchee Strand Preserve State Park for Friends of Fakahatchee and Florida Park Service, Copeland, Florida, 2015-2016.



Shipley Nature Center

Interpretive planning and exhibit design of a new "bird exhibit pod" at Shipley Nature Center, in collaboration with K2 Fabrication and Design, for the Friends of Shipley Nature Center, Huntington Beach, California 2016.

Owens Lake

2017 Professional Award (National), American Society of Landscape Architects

2016 Award of Excellence (Regional), American Society of Landscape Architects

Planning, writing, and design of panels for the salt flats and basins of Owens Lake for CDM Smith, LA Department of Water and Power, and NUVIS Landscape Architecture and Planning, Lone Pine, California, 2015-2016.



Huntington Beach Wetlands Conservancy

Development of interpretive media for the Huntington Beach Wetlands Conservancy, including new interior reading rails and new interpretive panels for the Magnolia Marsh trail and observation deck at the tidal lagoon of Magnolia Marsh, Huntington Beach, California, 2016.

Henrietta and Entradero Basins

Interpretive panel development for two stormwater basin enhancement projects: Henrietta Basin and Entradero Basin for the City of Torrance, Torrance, California 2015.

The Nature Conservancy

2016 Merit Award of the American Society of Landscape Architects

Planning and design of a series of interpretive panels that celebrate the restoration of the Santa Clara River floodplain for The Nature Conservancy and NUVIS Landscape Architecture and Planning, Ventura, California, 2015.



University of California, Irvine

Planning and design of wayfinding, regulatory, and interpretive panels for the University of California, Irvine's Ecological Preserve, a 60-acre coastal sage scrub preserve, for the Center for Environmental Biology, Irvine, California, 2015.

Big Cypress Bend Boardwalk

Development of an interpretive prospectus for the Big Cypress Bend Boardwalk and new interpretive pavilion in Fakahatchee Strand Preserve State Park—orchid and bromeliad capital of the continent—for the Friends of Fakahatchee and Florida Park Service, Copeland, Florida, 2015.

Orange County Water District

Feasibility study for a new Santa Ana River watershed center and courtyard at the Orange County Water District in collaboration with RJM Design Group, Fountain Valley, California, 2015.

Alameda Creek Watershed Center

Design development and final design of exterior and interior exhibits and displays for a new LEED-certified interpretive center and two-acre watershed discovery garden trail located on the grounds of the Sunol Water Temple for the San Francisco Public Utilities Commission, Sunol, California, 2015.

Kingwood Center

Interpretive master planning for Kingwood Center, a 47-acre public garden and estate in Mansfield, Ohio. Work focuses on the arrival sequence, wayfinding, and use of media to convey messages, for Terra Design Studios and the Kingwood Center Foundation, Mansfield, Ohio, 2015.





Harbor City Greenway

Planning and design of interpretive panels at the recently restored Harbor City Greenway, a 14-acre riparian and wetland parcel adjacent to Machado Lake and Ken Malloy Harbor Regional Park, for CDM Smith and the City of Los Angeles, Lomita, California, 2014.

Hayward Shoreline Interpretive Center

Exhibit planning and design of a new wetlands habitat wing in the Hayward Shoreline Interpretive Center, Hayward Area Recreation and Park District, Hayward, California, 2014.

Ocean Institute

Exhibit planning, conceptual design, and panel development for the new Sustainable Seas exhibit complex at the Ocean Institute, including new exterior tidepool playscape, interactive deep-sea research stations, and forum lab in collaboration with Split Rock Studios, Dana Point, California, 2014. Photo copyright 2014 Tarlton Studios.



Rancho Los Cerritos Historic Site

Design of wayside exhibits on the cultural heritage of the grounds of Rancho Los Cerritos Historic Site, Long Beach, California, 2014.

Little Corona Marine Life Refuge

Development of wayside exhibits adjacent to Little Corona Marine Life Refuge for the City of Newport Beach, California, 2014. Photo copyright 2014 Tarlton Studios.

Oregon Metro and the Oregon Zoo

Planning and design of Zoo Quest, a clue-based exploration of the connection between rare wildlife, endangered habitats, and electronic devices, using Zoo Quest passports, sets of clues, interpretive panels, and Zoo Quest discovery stations. Created for Oregon Metro and the Oregon Zoo in collaboration with Leslie Comnes, Portland, Oregon, 2014.

Unidad Park

Development of a wayside exhibit interpreting the Filipino roots of a community park in Historic Filipinotown, home to the largest mural in America depicting Filipino images, Los Angeles Neighborhood Land Trust, Los Angeles, California, 2014.





Placerita Canyon Nature Center

Collaboration with Group Delphi on final design of exhibits and interpretive media for the recently renovated Placerita Canyon Nature Center building. Projects include development of exhibits for the entrance, exhibit room, and classroom, plus all content for a series of discovery boxes, County of Los Angeles, Newhall, California, 2013-2014. Photo copyright 2014 Tarlton Studios.

Stanfield Marsh

Interpretive planning and design of ten wayside exhibits along the shoreline and boardwalks of Stanfield Marsh Waterfowl and Wildlife Preserve, Big Bear Municipal Water District, Big Bear Lake, California, 2013-2014.

California Living Museum

Interpretive master planning and development of new sign system for 14-acre zoological and botanical park displaying native California species, Kern County Superintendent of Schools, Bakersfield, California, 2013-2014.



Pittsburgh Botanic Garden

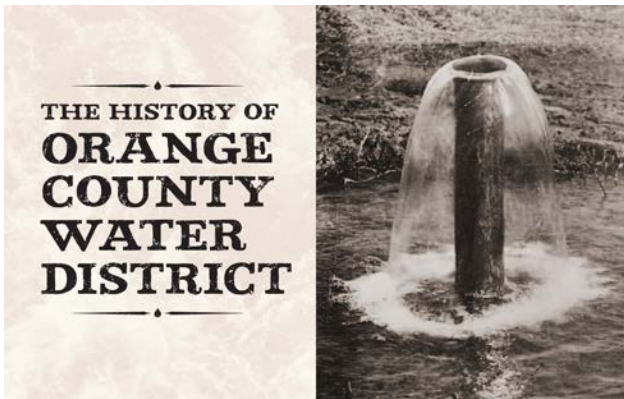
Interpretive master planning of visitor experiences, including print media, interactives, displays and exhibits, and programs. Our recommendations included a new wayfinding system, bold plant identification signs supported by near-field communication (NFC) tags, hands-on interpretive panels, and architectural gateways that announce arrival at the Garden's Woodlands of the World. Pittsburgh, Pennsylvania, 2014.

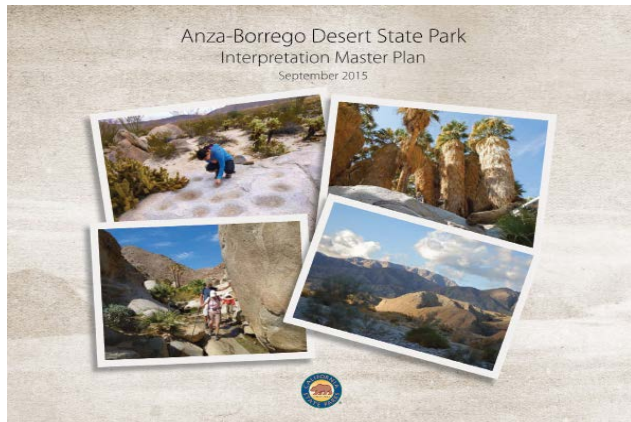
Valle de Oro National Wildlife Refuge

Interpretive master planning services for Valle de Oro National Wildlife Refuge, the first urban wildlife refuge in the Southwest managed by US Fish and Wildlife Service, Wilson and Co., Inc., Albuquerque, New Mexico, 2014.

Orange County Water District

Editing and revision of 121-page *History of Orange County Water District*, a publication for the Orange County Water District, Fountain Valley, California, 2013-2014.





Anza-Borrego Desert State Park

Interpretive master planning for 615,000-acre state park in Southern California, including front-end visitor research, facilitation of multiple listening sessions, and comprehensive analysis of the natural, cultural, and recreational resources present, California State Parks, Borrego Springs, California, 2013-2015.

Ameal Moore Nature Center at Sycamore Canyon

Interpretive planning and design for a new citizen science-focused facility of the City of Riverside and Riverside Metropolitan Museum, Riverside, California, 2013-2014.

National Park Service: Trail of Tears

Design and layout of orientation and interpretive panels for the Trail of Tears, National Trails Intermountain Region, Santa Fe, New Mexico, 2013.

Hayward Shoreline Interpretive Center

Wayside exhibit design for Hayward Area Recreation District, Hayward, California, 2013.



City of Glendale

Wayside exhibit design for the Catalina Verdugo and Mountain Do Trails, Bellfree Contractors and the City of Glendale, Glendale, California, 2013.

Crystal Cove State Park

Design development of interpretive media for new environmental study trail at Moro Canyon in Crystal Cove State Park for the Crystal Cove Alliance and California State Parks, Newport Beach, California, 2013.

Kuwait Institute for Scientific Research

Interpretive planning consultation for a new ecological preserve, Kuwait Institute for Scientific Research, Kuwait City, Kuwait, 2013.



Heritage Farm at Seed Savers Exchange

Interpretive master planning in collaboration with Terra Design Studios, Heritage Farm at Seed Savers Exchange, Decorah, Iowa, 2013.



Carpinteria State Beach

Conceptual design and writing for the refurbished visitor center for California State Parks at Carpinteria State Beach, Carpinteria, California, 2012-2013.

Silverwood Lake State Recreational Area

Exhibit content development and interpretive writing for the visitor center and grounds of Silverwood Lake State Recreation Area, California State Parks, Hesperia, California, 2013.

Natural Parkland and Trail

In collaboration with Stone Imagery, development of kiosk and wayside exhibits along a 1.5 mile trail for the City of Highland, Highland, California, 2013.

Aliso and Wood Canyons Wilderness Park

Interpretive master planning, visitor studies, and development of new sign system for 3,900-acre wilderness park in Laguna Niguel for the Laguna Canyon Foundation in collaboration with OC Parks, California, 2013.



Redlands Conservancy

Interpretive planning and design for media proposed for the 200-acre San Timoteo Nature Sanctuary, Redlands, California, 2013.

Huntington Beach Wetlands Conservancy

Design development of exhibits and interpretive panels for new interpretive center adjacent to Talbert Marsh in Huntington Beach, Group Delphi, 2013. Photo copyright 2013 Tarlton Studios.

Buck Gully

Development of wayside exhibits adjacent to Little Corona Beach for the City of Newport Beach, California, 2013.

Orange County Water District

Development of Groundwater Replenishment System publication for the Orange County Water District, Fountain Valley, California, 2013.

Serrano Adobe

Interpretive planning and redesign of exhibit rooms in the 1863 Serrano Adobe, Heritage Hill Historical Park, OC Parks, 2013.

Strathern Wetlands Park

Wayside exhibit design at Strathern Wetlands Park in Sun Valley, in collaboration with RJM Design Group, Psomas, and the County of Los Angeles, 2012.





Alameda Creek Watershed Center

Interpretive planning and conceptual design of a new LEED-certified interpretive center located on the grounds of the Sunol Water Temple, for the San Francisco Public Utilities Commission and Alameda County Resource Conservation District, Sunol, California, 2011-2012.

Moro Canyon, Crystal Cove State Park

Interpretive planning and workshop facilitation for new environmental study trail at Moro Canyon, an interior section of Crystal Cove State Park for the Crystal Cove Alliance and California State Parks, 2012.

Mount San Jacinto State Park

Interpretive planning and design for the renovated Palm Springs Aerial Tramway Mountain Station in Riverside County for California State Parks, 2012.



Pismo State Beach Visitor Center

In collaboration with Split Rock Studios, interpretive planning and program alignment for a new visitor center for California State Parks at Pismo State Beach/Oceano Dunes State Vehicular Recreation Area, Oceano, California, 2012.

Fellows Riverside Garden

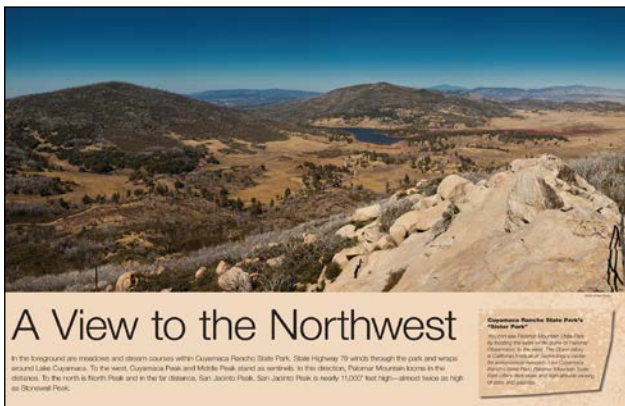
Interpretive planning and visitor studies for Fellows Riverside Gardens, a 12-acre public garden managed by Mill Creek MetroParks, Youngstown, Ohio, 2012.

Orange County Coastkeeper Garden

Interpretive planning and wayside exhibit design for a 2.5-acre garden located on the campus of Santiago Canyon College that features six southern California native habitat vignettes, six "architecturally-themed garden rooms," and demonstration sites for best practices related to water conservation and runoff control for Orange County Coastkeeper, Costa Mesa, California, 2012.

Orange County Historical Commission

Wayside exhibit design for historic Yorba Cemetery and Old Courthouse, Orange County Historical Commission, Santa Ana, California, 2012.

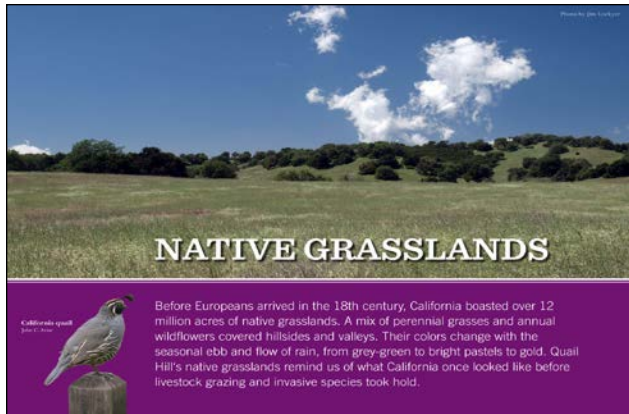


Cuyamaca Rancho State Park

Interpretive planning and wayside exhibit design at Cuyamaca Rancho State Park for the Cuyamaca Rancho State Park Interpretive Association, Descanso, California, 2012.

Bolsa Chica Conservancy

Wayside exhibit design at the Bolsa Chica Wetlands for the Bolsa Chica Conservancy, Huntington Beach, California, 2012-2013.



DeForest Wetlands

Wayside exhibit design for DeForest Wetlands and Nature Center Area for CH2MHill and the City of Long Beach, California, 2012.

Quail Hill Community Center

Interpretive planning and design for the lobby, trails, playscape area, and adventure playground at Quail Hill Community Center for the City of Irvine, in collaboration with HMC Architects and EPT Design, Irvine, California, 2011.

Bommer Canyon

Interpretive planning and conceptual design for Bommer Canyon, site of historic cattle ranching operations of the Irvine Ranch, for IMA Design Group and Irvine Ranch Conservancy, Irvine, California, 2011.

Santiago Oaks Regional Park

Interpretive planning and wayside exhibit design for Santiago Oaks Regional Park, focusing on watershed issues, and historical and present-day water resource issues, County of Orange and SoLa Creative, Orange, California, 2011.

River Oaks Park

Planning and design of interpretive media for a playscape in River Oaks Park in San Jose for EPT Design in Irvine, California, 2011.

Chadwick School

Interpretive planning and design for the school's Sustainability Initiative consisting of habitat restoration programs, recycling stations, composting stations, solar cell installations, and other efforts that support the school's sustainability mission, Palos Verdes Peninsula, California, 2011.

PlayCore

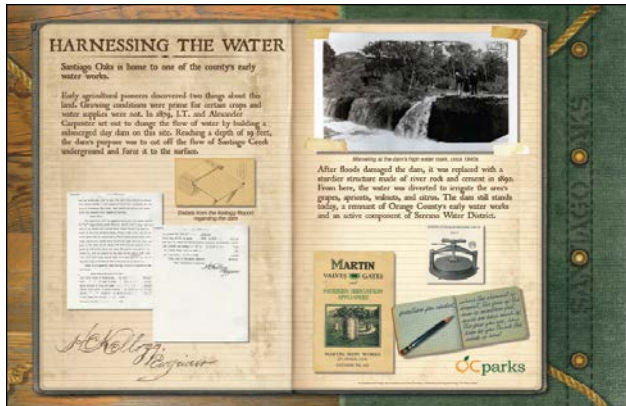
Development of activity booklets that enhance nature study in conjunction with nature-focused play opportunities, PlayCore, Chattanooga, Tennessee, 2011.

Garvan Woodland Gardens

Interpretive planning and design for Garvan Woodland Gardens, a 210-acre southern woodland botanical garden, in collaboration with Terra Design Studios and the University of Arkansas School of Architecture, Hot Springs, Arkansas, 2009-2011.

Little Bighorn Battlefield National Monument

Participation in development of the long-range interpretive plan for Little Bighorn Battlefield National Monument, Compass Interpretive Planning and the National Park Service, Crow Indian Reservation, Montana, 2010.





Lincoln Children's Forest

Participation in development of the Children's Forest Education Plan for Lincoln National Forest, Otero Soil and Water Conservation District and Sites Southwest, Alamogordo, New Mexico, 2010.

Inspiration Park

Development of an interpretive prospectus for a six-acre nature park adjacent to Diamond Valley Lake and the Southwestern Riverside County Multi-Species Reserve, Valley-Wide Recreation and Park District, San Jacinto, California, 2010.

McCrary Gardens

Interpretive planning for McCrary Gardens in collaboration with Terra Design Studios and South Dakota State University, Brookings, South Dakota, 2010.



Lodi Lake Park

Wayside exhibit design on lake ecology and the Mokelumne River watershed for the City of Lodi, California, 2010.

Placerita Canyon Nature Center

Collaboration with General Graphics & Exhibits on planning and conceptual design of interior exhibits for the Placerita Canyon Nature Center building (LEED-certified) and courtyard, Placerita Canyon Nature Center Associates, Newell, California, 2009-2010.

West Basin Municipal Water District

Development of the interpretive master plan, conceptual design of exhibits, and writing and graphic design of all exhibit panels for the new Water Education Center at SEA Lab, in cooperation with General Graphics & Exhibits, for West Basin Municipal Water District, Redondo Beach, California, 2009-2010.

Cooley Landing

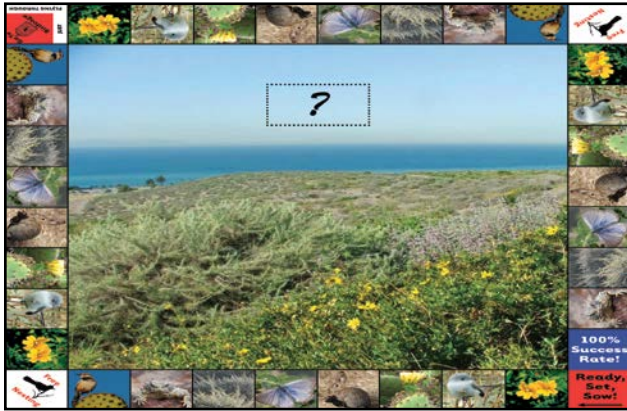
2011 Award of Excellence, California Parks and Recreation Society

Interpretive planning and design for historic Cooley Landing on the San Francisco Bay, in collaboration with Callander Associates, Landscape Architecture, and Ron Yeo, FAIA Architecture for the City of East Palo Alto, California, 2010.

Palos Verdes Peninsula Land Conservancy

Wayside exhibit design for the George F Canyon native plant demonstration garden for the Palos Verdes Peninsula Land Conservancy, California, 2010.





Humboldt Coastal Nature Center

Development of the interpretive prospectus for the proposed Humboldt Coastal Nature Center, gateway to Humboldt Bay's coastal dunes, marshes, and forests. Developed for the Friends of the Dunes, Arcata, California, 2010.

White Point Nature Preserve

Collaboration with General Graphics & Exhibits on design development through fabrication of interior history exhibits, Palos Verdes Peninsula Land Conservancy, California, 2010.

Orange County Historical Commission

Wayside exhibit design for Santa Ana River historical panel at Yorba Regional Park, Orange County Historical Commission, Anaheim, California, 2010.

Dana Point Headlands Nature Interpretive Center

Design and fabrication of interpretive panels for the Dana Point Headlands Nature Interpretive Center, City of Dana Point, California, 2010.

Arlington Heights Park

Editing and redesign of interpretive panels on Riverside's citrus industry for Arlington Heights Park in collaboration with HRP Studio, Riverside, California, 2010.

San Dieguito River Park

Conceptual planning of the new Lagoon Center overlooking the San Dieguito Wetlands, in association with Roesling Nakamura Architects, Inc., for the San Dieguito River Park Joint Powers Authority, Del Mar, California, 2009.

Bolsa Chica Conservancy

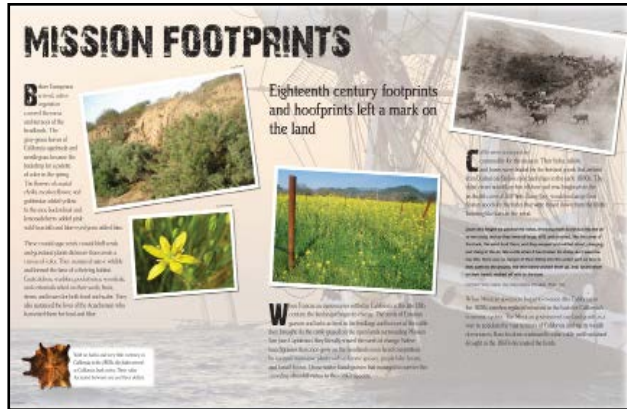
Development of a sign master plan at the Bolsa Chica Wetlands for the Bolsa Chica Conservancy, Bolsa Chica Land Trust, and Amigos de Bolsa Chica, Huntington Beach, California, 2009.

West Coyote Hills

Interpretive planning and design for proposed trail system and nature center, and facilitation of public outreach meetings regarding the Robert E. Ward Nature Preserve and West Coyote Hills Open Space Area in Fullerton, California for Chevron/Pacific Coast Homes, 2009.

Endangered Habitats League

Consultation on design of four-acre Earthlab open space parcel and 3,000-acre Crestridge Ecological Reserve, in cooperation with the Earth Discovery Institute, San Diego Natural History Museum, Millennial Technology Middle School, and Cajon Valley Union School District, for the Endangered Habitats League, San Diego, California, 2009.





Mary Vagle Nature Center

Design development and fabrication of interpretive panels for the Mary Vagle Nature Center, City of Fontana, California, 2009.

Kern River Park

Creation of panel templates for the Kern River Park Restoration Project in Bakersfield, in cooperation with SoLa Creative for Borthwick Guy Bettenhausen Landscape Architecture, Bakersfield, California, 2009.

Ecolife Foundation

Coordination of evaluation studies of two fourth grade programs, Fire Recovery Program and Stream Team Stewards Program, and one fifth grade watershed stewardship program, Eco-Expeditions, in association with the Endangered Habitats League, San Diego Zoo, Groundwork San Diego-Chollas Creek, and San Diego County Office of Education for the Ecolife Foundation, Escondido, California, 2008-2009.



Big Canyon Creek

Design development of interpretive media identified in the master plan prepared by The Acorn Group in 2007, in collaboration with VA Consulting and the City of Newport Beach, California, 2008-2009.

Mary's Trail: Laguna Coast Wilderness Park

Interpretive planning and wayside exhibit design for the Laguna Canyon Foundation, Laguna Beach, California, 2008-2009.

Education and the Environment Initiative

Managing editorship of the Education and the Environment Initiative's Model Curriculum, California's first ever State Board of Education-approved environment-based curriculum, under the direction of California EPA and the Integrated Waste Management Board, Sacramento, California, 2006-2009.

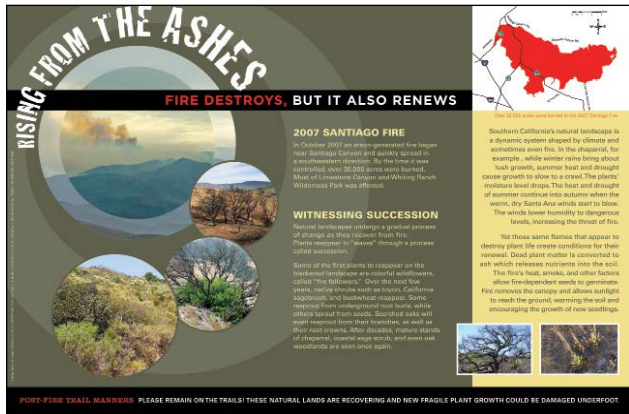


White Point Nature Preserve

Interpretive master planning and conceptual design of interior exhibits for the nature education building at White Point Nature Preserve in Palos Verdes, Palos Verdes Peninsula Land Conservancy, California, 2008.

Dunster Marine Reserve

Wayside exhibit design for the upland and wetlands trail system at Jack Dunster Marine Biological Reserve for the City of Long Beach, California, 2008.



Limestone Canyon & Whiting Ranch Wilderness Parks

Wayside exhibit design for the 2007 Santiago Fire and post fire recovery at Limestone Canyon & Whiting Ranch Wilderness Parks for the County of Orange, Cota de Caza, California, 2008.

Back Bay Science Center

Development of interpretive panels and donor recognition signs for the Back Bay Science Center at Upper Newport Bay, City of Newport Beach, California, 2008.

George F Canyon Nature Center

Interpretive master planning and design of interior exhibits for the George F Canyon Nature Center, City of Rolling Hills Estates, California, 2008.

Huntington Beach Wetlands Conservancy

Interpretive master planning for both the Conservancy and the Wetlands and Wildlife Care Center for their new center located adjacent to the recently restored Talbert Marsh, Huntington Beach, California, 2008.

Agua Hedionda Lagoon

Interpretive master planning and exhibit design for the Discovery Center and native plant garden at the Agua Hedionda Lagoon, Agua Hedionda Foundation, Carlsbad, California, 2008.

Coral Mountain Interpretive Center

Interpretive planning and design of wayside exhibits and interactive geologic and archaeological displays for Coral Mountain Discovery Park, in collaboration with RJM Design Group, Coachella Valley Park and Recreation District, La Quinta, California, 2007-2008.

Edgewood Park and Natural Preserve

Honor Award 2012, Public Project (Architecture)/ Sustainable San Mateo County

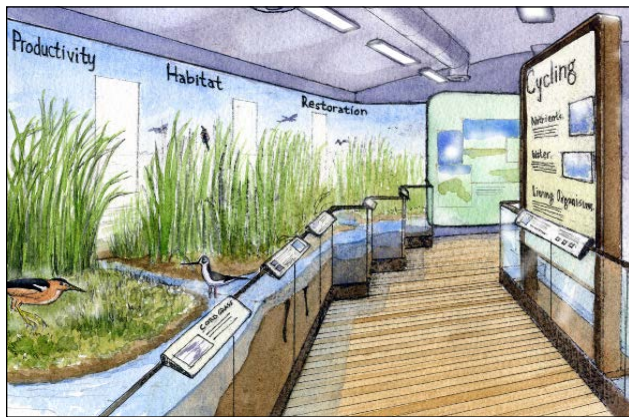
In collaboration with General Graphics Exhibits, design development of exhibits for the new interpretive center at Edgewood Park and Natural Preserve, San Mateo Parks and Recreation Foundation, Menlo Park, California, 2007-2008.

Pacific Marine Mammal Center

Development of interpretive panels that showcase the rescue, rehabilitation, and release of stranded pinnipeds, Pacific Marine Mammal Center, Laguna Beach, California, 2007-2008.

Big Canyon Creek

Development of the interpretive master plan for the open space area adjacent to the Upper Newport Bay in collaboration with WRC Consulting Services, Newport Beach, California 2007.





Irvine Ranch Conservancy

Design of Mountains to Sea trailhead panel at Shellmaker Island, Newport Beach, Irvine Ranch Conservancy, 2007.

Laguna Lake Park

Development of a new sign program for the recently restored Laguna Lake, including interpretive panels, orientation panels, and regulatory signs in collaboration with RJM Design Group and the City of Fullerton, California, 2006–2007.

Madrona Marsh Preserve

Wayside exhibit design for Madrona Marsh, including interpretive panels, orientation and welcome panels, and habitat identification panels, Torrance, California, 2005–2007.

Chilao Visitor Center

Interpretive planning and conceptual design for Chilao Visitor Center, United States Forest Service, Angeles National Forest, California, 2006–2007.

Dominguez Gap Wetlands

Wayside exhibit design for Dominguez Gap Wetlands for CH2MHill and the County of Los Angeles, Long Beach, California, 2006–2007.

City of Long Beach

Interpretive planning and wayside exhibit design for the Navy Monument in Rainbow Harbor, Walk of Fame for the Transpacific Yacht Race, and interpretive panels at Rainbow Lagoon, Long Beach, California, 2006–2007.

Pennsylvania Department of Conservation and Natural Resources

Statewide assessment of education and interpretive programs for the Pennsylvania Department of Conservation and Natural Resources, Bureau of State Parks, in association with the State Education and Environment Roundtable, 2006.

Oregon State Parks—Coos Bay Region

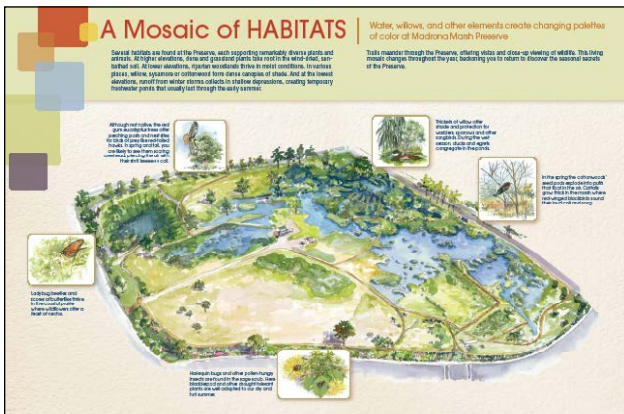
Development of the interpretive master plan for Shore Acres, Cape Arago, and Sunset Bay State Parks for the State of Oregon, Parks and Recreation Department, Salem, Oregon, 2006.

Pacheco Creek

Wayside exhibit design for the Pacheco Creek corridor for the City of Novato and NUVIS Landscape Architecture and Planning, Novato, California, 2006.

Orange County Historical Commission

Wayside exhibit design for Bolsa Chica Wetlands historical panel at Harriet M. Wieder Regional Park, Huntington Beach, California, 2006.





James and Rosemary Nix Interpretive Center

First Place, 2007 Interpretive Media Award, National Association for Interpretation

Interpretive planning and exhibit design at the Nix Nature Center in Laguna Coast Wilderness Park for the Laguna Canyon Foundation and County of Orange, Laguna Beach, California, 2001–2006.

South Coast Wilderness

Wayside exhibit design for the entrance to the South Coast Wilderness for Laguna Canyon Foundation, California State Parks, and the County of Orange, Newport Coast, California, 2006.

San Diego Zoological Society

Development of the interpretive prospectus for the Elephant Odyssey exhibit at the San Diego Zoo, San Diego, California, 2006.

Sun Valley Watershed Project

Interpretive planning and wayside exhibit design for an innovative underground stormwater facility at Sun Valley Park, TreePeople, Sunland, California, 2004–2006.



City of Laguna Beach

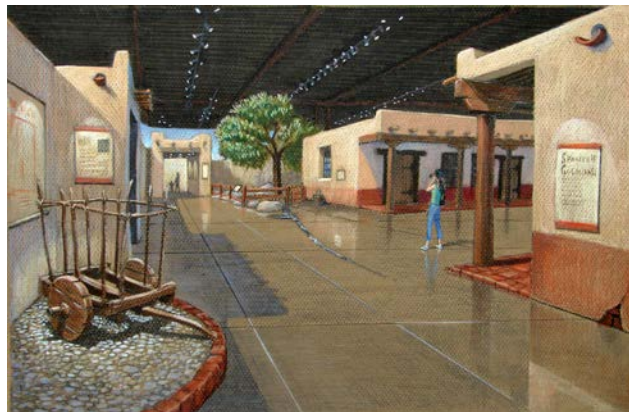
Wayside exhibit design for Laguna Creek Restoration Project, Laguna Beach, California, 2006.

New Mexico Farm and Ranch Heritage Museum

Development of the interpretive master plan for the museum's core exhibits (16,000 square feet) focusing on the State's thousand-year agricultural history, Department of Cultural Affairs, Las Cruces, New Mexico, 2005–2006.

White Point Nature Preserve

Development and implementation of the interpretive master plan for wayside exhibits within a 102-acre coastal site for the Palos Verdes Peninsula Land Conservancy, California, 2005–2006.



America's Ocean Challenge

Development of interpretation and education prospectus for new IMAX film production, America's Oceans, for Summerhays Films, Inc., San Diego, California, 2005.

San Diego Zoological Society

Front-end evaluation work for the exhibit development teams at the San Diego Zoo and San Diego Wild Animal Park, Escondido, California, 2005.

Los Angeles River Bikeway at Golden Shore Marine Reserve

Development of Los Angeles River Bikeway gateway conceptual plan for the City of Long Beach, in cooperation with the Rivers and Mountains Conservancy, Long Beach, California, 2005.



Laguna Lake Park Restoration Project

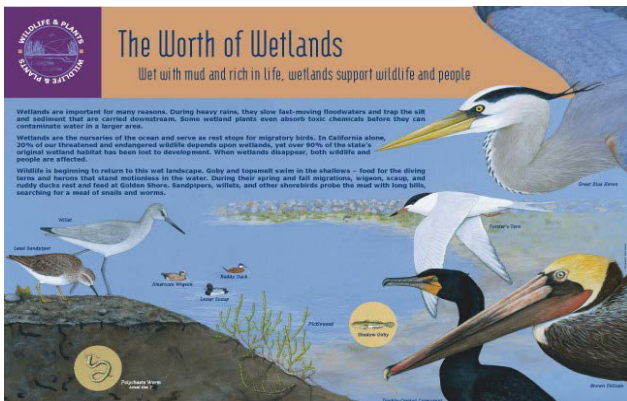
Development of the interpretive master plan for a 28-acre site in collaboration with RJM Design Group for the City of Fullerton, California, 2005.

Education and the Environment Initiative

Co-consultant for implementation of Assembly Bill 1548—landmark legislation calling for alignment of environmental principles and concepts to California's content standards across the K-12 curriculum, development of recommendations for incorporating material into textbook adoption criteria, and design of a comprehensive model curriculum, in collaboration with the State Education and Environment Roundtable and under the direction of California EPA and the Integrated Waste Management Board, Sacramento, California, 2004–2005.

Riley Wilderness Park

Interpretive planning for Riley Wilderness Park, County of Orange, Costa de Caza, California, 2005.



Unified Education Strategy: State of California

Project management, in collaboration with the State Education Environment Roundtable, of Senate Bill 373, a unified education strategy on the environment under the direction of the California Integrated Waste Management Board and Cal EPA, including strategic planning, research, and materials development, Sacramento, California 2002–2005.

Descanso Gardens

Two-year evaluation of Sycamore Science Adventures, a Head Start science and literacy intervention program at Descanso Gardens, La Cañada Flintridge, California, 2003–2005.

San Gabriel River Discovery Center

Development of a preliminary interpretive prospectus for the San Gabriel River Discovery Center, front-end evaluation of three target audiences, development of exhibit themes and subthemes, and design of an informational brochure for the County of Los Angeles, Rivers and Mountains Conservancy, Upper San Gabriel River Water District, and Central Basin Water District, El Monte, California, 2004–2005.

Fitzgerald Marine Reserve

Development of the interpretive master plan and architectural conceptual plan; visitor studies; development of an education prospectus and interpretive panels for Fitzgerald Marine Reserve, San Mateo County Parks and Recreation Foundation and the County of San Mateo, Half Moon Bay, California, 2004 –2005.

Laguna Canyon Foundation

Development and administration of educator needs assessment related to South Coast Wilderness program development, Laguna Beach, California, 2004.





Irwindale Park

Interpretive planning and wayside exhibit design at Irwindale Park for Los Angeles Engineering, Irwindale, California, 2003–2004.

Rancho Santa Ana Botanic Garden

Design development of exhibits and interpretive media for a new two-acre children's garden at Rancho Santa Ana Botanic Garden, Claremont, California, 2003–2004.

Guadalupe-Nipomo Dunes

Interpretive master planning of the Guadalupe-Nipomo Dunes Complex for the Dunes Stewardship Collaborative—a task force consisting of California State Parks, United States Fish and Wildlife Service, County of Santa Barbara, The Dunes Center, and Center for Natural Lands Management, Guadalupe, California, 2003–2004.



Haramokngna Cultural Center

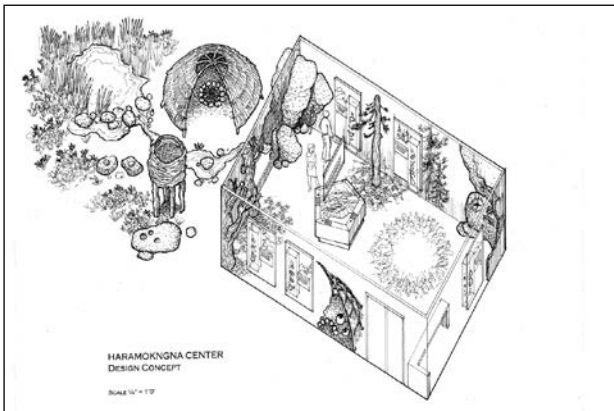
Interpretive master planning and exhibit design services to showcase the heritage of five California Indian tribes at the Haramokngna Cultural Center for the U.S. Forest Service, Red Box Canyon, Angeles National Forest, California, 2003–2004.

Environmental Education Compendium on Energy Resources and the Atmosphere

Research and development of national compendium project for the State of California, California Air Resources Board, and California Energy Commission in cooperation with the California Department of Education, 2003.

California Institute for Biodiversity

Project management of front-end evaluation for new Coast Alive curriculum project of the California Institute for Biodiversity, Oakland, California, 2003.



Los Angeles Zoo

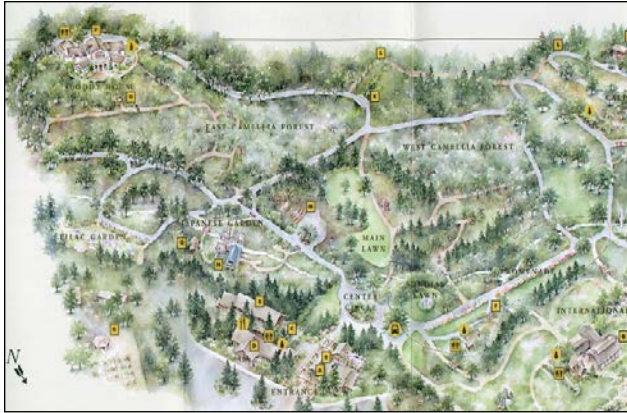
Interpretive master planning for the new Rain Forest of the Americas Pavilion and LAIR (Living Amphibians, Invertebrates, and Reptiles) Center at the Los Angeles Zoo, for Michael Jurdan, Inc. and Leo A. Daly Architecture, Los Angeles, California, 2003.

San Mateo County Parks Environmental Education Program

Development, design, and front-end evaluation of a curriculum-based park resource kit for distribution among K-12 educators under direction of the San Mateo County Parks and Recreation Foundation, Menlo Park, California, 2003.

Big Sur Station

Exhibit design and merchandising master plan for the Nature Station, entry point for the Ventana Wilderness, operated by the Los Padres Forest Association in cooperation with the U.S. Forest Service and California State Parks, Big Sur Station, California, 2003.



Descanso Gardens

Project management for development of new visitor's brochure and map, La Cañada Flintridge, California, 2003.

Ballona Wetlands

Interpretive planning and wayside exhibit design for the freshwater marsh at Ballona Reserve, Playa Vista, Los Angeles, California, 2002–2003.

Edgewood Park and Natural Preserve

Interpretive master planning, exhibit and architectural design at Edgewood Park and Natural Preserve, identified by the California Native Plant Society as the third most botanically diverse site in the state, County of San Mateo, Redwood City, California, 2001–2002.

El Dorado Nature Center

Interpretive master planning for El Dorado Nature Center as part of a comprehensive master plan for wetlands restoration, habitat management, and resource maintenance for 102 acres adjacent to the San Gabriel River, in cooperation with Jones and Stokes and Ron Yeo, FAIA Architect, Inc., Long Beach, California, 2001–2002.

Alta Laguna Park

Interpretive planning and wayside exhibit design at Alta Laguna Park, City of Laguna Beach, California, 2001–2002.

Santa Fe Canyon

Interpretive planning and design at Santa Fe Canyon, New Mexico for The Nature Conservancy, Santa Fe, New Mexico, 2001–2002.

Golden Shore Wetlands

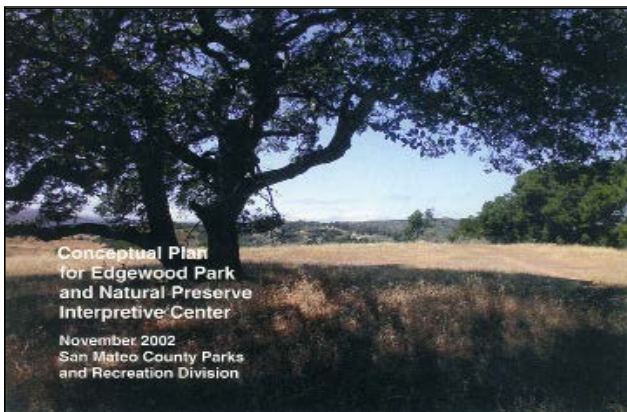
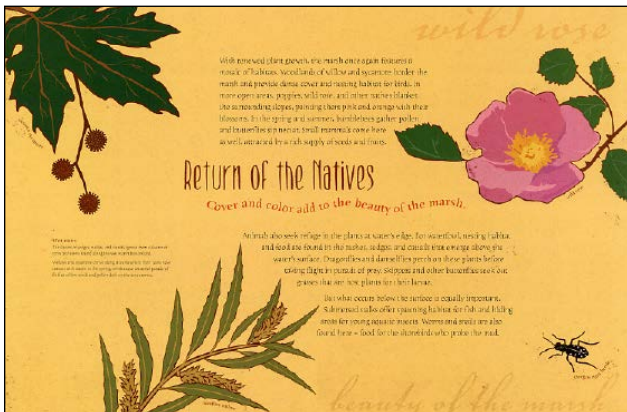
Interpretive planning and design at Golden Shore Wetlands, City of Long Beach, California, 2001–2002.

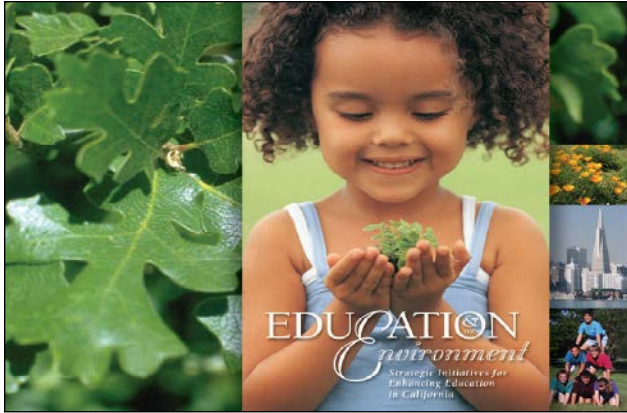
Environmental Education Compendium on Communities

Research and development of national compendium project for the State of California, California Department of Forestry and Fire Protection in cooperation with the California Department of Education, Sacramento, California, 2001–2002.

Santa Barbara Botanic Garden

Implementation of new interpretive master plan (completed by The Acorn Group in 1999): development of interpretive panels and directional signs for the Garden, Santa Barbara, California, 2001–2002.





California Plan for Environmental Education

Project management of state-level strategic plan for environmental education, including research, public relations, capacity-building, workshop facilitation, supervision of subcommittees, and preparation of final document, Education & the Environment, commissioned by the California Department of Education and California Community Forests Foundation, in conjunction with the California EPA and The Resources Agency, Sacramento, California, 2000–2002.

Rancho Santa Ana Botanic Garden

Interpretive master planning for a new children's garden in cooperation with Campbell & Campbell, Architects, Landscape Architects, Planners, Claremont, California, 2001.

Descanso Gardens

Two-year evaluation of the Discovering Trees program at Descanso Gardens, La Cañada Flintridge, California, 2000–2001.



Laguna Coast Wilderness Park

Recipient of the 2002 NAI Interpretive Media Award

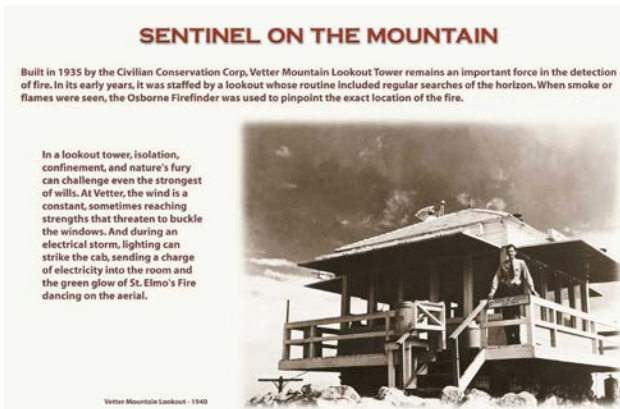
Interpretive planning and wayside exhibit design for the Laguna Canyon Foundation, Laguna Beach, California, 2001.

Redwood National and State Parks

Planning, design, and production of habitat monitoring and wildlife research program for middle school classroom use, including teacher's guide, Bridges: Connecting Classrooms with Redwood National and State Parks, student guide, Redwood Log, and traveling trunk of materials, Redwood Natural History Association and Redwood National and State Parks, Crescent City, California, 2001.

Long Beach Harbor

Interpretive planning and wayside exhibit design at Rainbow Harbor, Long Beach, California, 2001.



Vetter Mountain Lookout

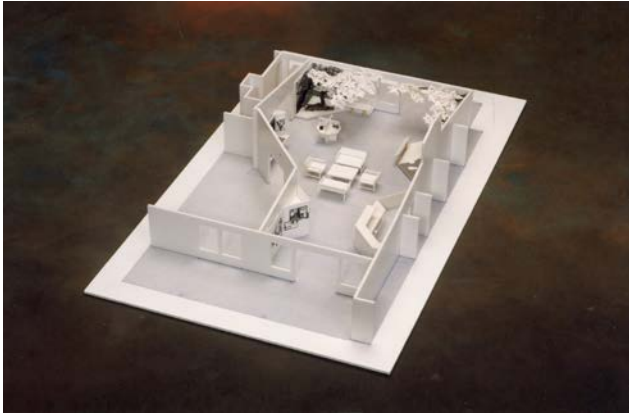
Historic interpretation and wayside exhibit design for the Vetter Mountain Lookout, U.S. Forest Service, Angeles National Forest, California, 2000 and 2003.

Sevilleta National Wildlife Refuge

Exhibit planning and design for the Sevilleta National Wildlife Refuge Interpretive Center and Trail, The Nature Conservancy, Santa Fe, New Mexico, 1999–2000.

San Bernardino County Museum

Feasibility study for the Museum Youth Initiative (ultimately resulting in the award of a \$500,000 grant), a project funded by the James Irvine Foundation for the San Bernardino County Museum, Redlands, California, 1999–2000.



California Institute for Biodiversity

Development, administration and data analysis of education survey designed to evaluate the Cal Alive CD-ROM, California Institute for Biodiversity, Oakland, California, 1999.

Forest Service History Center

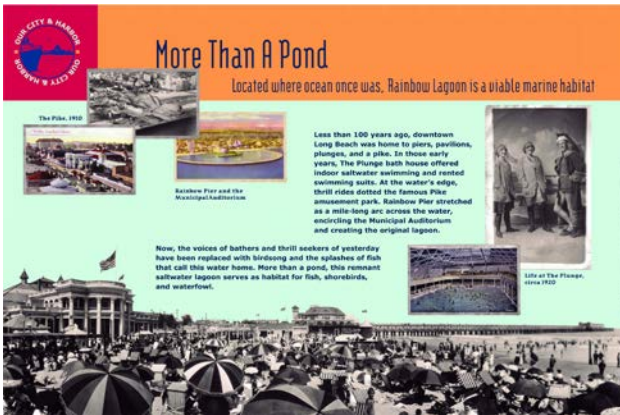
Interpretive master planning for the U.S. Forest Service History Center, Angeles National Forest, California, 1999.

Santa Barbara Botanic Garden

Interpretive master planning for new signage system throughout the gardens, including directional and sectional signage and interpretive panels, Santa Barbara, California, 1999.

Santa Rosa Plateau Ecological Reserve and Multi-Species Reserve

Interpretive master planning and exhibit design for the Santa Rosa Plateau Interpretive Center and Multi-Species Reserve Interpretive Center, County of Riverside/ Regional Park District, Murrieta, California, 1998–1999.



Ormond Beach Habitat Resource Area

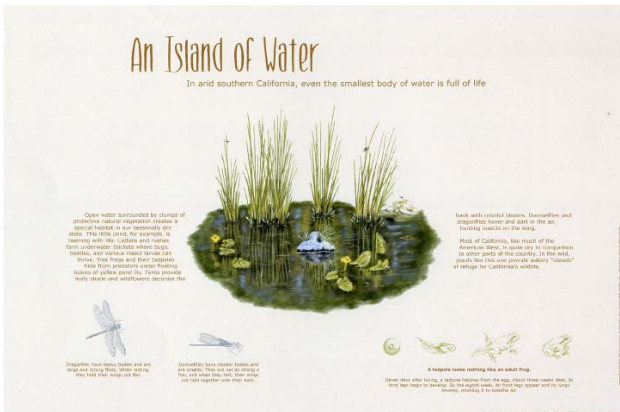
Concept planning at Ormond Beach Habitat Resource Area, Calleguas MWD Regional Salinity Management and Wetlands Enhancement Program for Kennedy/Jenks Consultants, Ventura, California, 1999.

Santa Barbara Botanic Garden

Administration and analysis of visitor survey at the Santa Barbara Botanic Garden, Santa Barbara, California, 1999.

Descanso Gardens

Evaluation of education department programs at Descanso Gardens, La Cañada Flintridge, California, 1999.



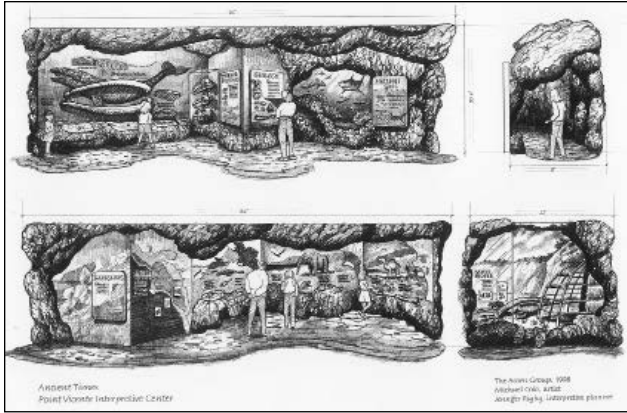
Integrated Waste Management Environmental Education Compendium Research and development of curriculum compendium project for the State of California, Integrated Waste Management Board and Department of Education, Sacramento, California, 1999.

Huntington Botanical Gardens

Interpretive master planning, visitor studies, and program development for the Rose Hills Foundation Conservatory for Botanical Science at the Huntington Botanical Gardens, San Marino, California, 1996–1999.

San Gabriel Canyon

Interpretive planning and wayside exhibit design for the U.S. Forest Service/Angeles National Forest, San Gabriel River Ranger District, California, 1998–1999.



Pt. Vicente Interpretive Center

Interpretive master planning and exhibit design for the Pt. Vicente Interpretive Center, City of Rancho Palos Verdes and Ron Yeo FAIA Architect, Inc., Rancho Palos Verdes, California, 1998. Photo copyright 1998, Tarlton Studios.

El Dorado Nature Center

Wayside exhibit design for the El Dorado Nature Center, City of Long Beach, California, 1998.

Bear Divide Chaparral Trail

Interpretive planning and wayside exhibit design for the U.S. Forest Service/Angelos National Forest, Los Angeles River Ranger District, California, 1998.

Lost Valley Scout Reservation

Development of an environmental education prospectus for 1,415-acre reservation in San Diego County for the Boy Scouts of America and California Community Forests Foundation, Lost Valley, California, 1998.



George F Canyon Preserve in Rolling Hills Estates

Interpretive planning, wayside exhibit design and fabrication for the George F Canyon Preserve Trail, City of Rolling Hills Estates, California, 1996–1997.

Sepulveda Basin Wildlife Park

Interpretive planning and wayside exhibit design for the Sepulveda Basin Wildlife Park, administered by the Army Corps of Engineers in conjunction with NUVIS Landscape Architecture and Planning, Los Angeles, California, 1996–1997.

Canyon Park Nature Center

1998 Award of Excellence, California Parks, Recreation Society

Interpretive planning, architectural review, exhibit planning and design for Canyon Park Nature Center, City of Monrovia, California, 1995–1997.

Chaffee Zoological Gardens of Fresno

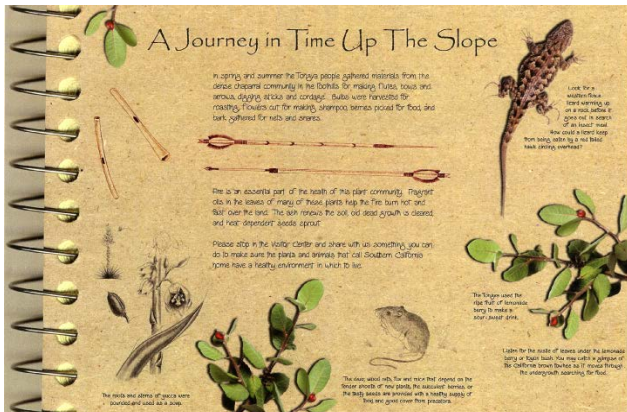
Development of interpretive panels, Chaffee Zoological Gardens of Fresno, California, 1996.

Water Resources Environmental Education Compendium Showcased in 1997 California Water Awareness Month Kit

Research and development of national compendium project for the State of California, Department of Water Resources and Department of Education, Sacramento, California, 1996.

Western San Gabriel Watchable Wildlife Tour

Design and fabrication of wayside exhibits for a scenic highway in Angeles National Forest, California, 1995–1996.





Mt. Baldy Visitor Center

Recipient of 1995 Exhibit Design Award, National Association for Interpretation

Exhibit design and fabrication for the Mt. Baldy Schoolhouse and five-acre Visitor Center Compound, Big Santa Anita Historical Society and U.S. Forest Service/Angelos National Forest, California, 1994–1995.

Bolsa Chica Interpretive Center

Exhibit planning, design, and fabrication at the Bolsa Chica Wetlands Interpretive Center for the Bolsa Chica Conservancy and California Department of Fish and Wildlife, Huntington Beach, California, 1995.



Department of Conservation Evaluation Study

Statewide evaluation of education materials (surveys, interviews and focus group sessions) for the Division of Recycling, California Department of Conservation, Sacramento, California, 1995.

Environmental Education Training Program

Park ranger training program for California State Parks, Sacramento, California, 1994–1995.

Golden Cup Discovery Trail

Recipient of 1994 Print and Media Design Award, National Association for Interpretation

Development of interpretive brochure and wayside exhibits at Crystal Lake for the U.S. Forest Service/Angelos National Forest, California, 1994.

Energy Resource Center

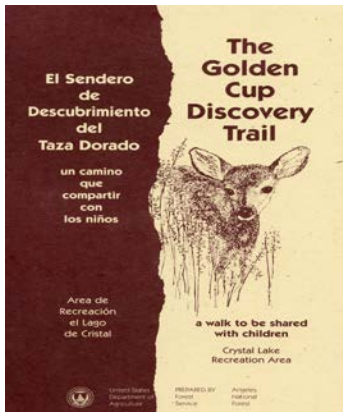
Conceptual plan development and exhibit writing for the 44,500 sq. ft. Energy Resource Center. Display rooms range from air quality, combustion, and climate control to natural daylighting and natural gas vehicles. Southern California Gas Company, Los Angeles, California, 1995.

West Fork of the San Gabriel River

Design and fabrication of wayside exhibits at the San Gabriel River for the U.S. Forest Service/Angelos National Forest, California, 1994.

Curriculum Development, UC Natural Reserve System

Environmental education program design for Elkus Ranch in cooperation with the University of California at Davis, Half Moon Bay, California, 1994.





Wildlife Refuge Feasibility Study

Long-range feasibility study for Wildlife Waystation's proposed 90,000 acre wildlife refuge and zoo facility in Arizona, in conjunction with Non-Profit Management Resources, Tujunga, California, 1994.

Grassy Hollow Visitor Center

Interpretive planning and exhibit writing for Grassy Hollow Visitor Center, U.S. Forest Service/ Angeles National Forest, California, 1993–1994.

Human Communities Environmental Education Compendium

Research and development of compendium project for the State of California, California Energy Commission and Department of Education, Sacramento, California, 1993–1994.

Caring for the Land Exhibit

Recipient of 1994 Excellence in Education Award, Western Fairs Association

Design of two-acre environmental education facility at the Los Angeles County Fairplex, administered by the U.S. Forest Service, National Park Service, California Department of Forestry, Bureau of Land Management, and Los Angeles County Fire Department, Pomona, California, 1993.

Whispering Pines Trail Guide

Design and writing of Journey through the Whispering Pines publication for the U.S. Forest Service/ San Bernardino National Forest, California, 1993.

Alandale Ranger Station

Design and fabrication of Watchable Wildlife wayside exhibits at Alandale Ranger Station, U.S. Forest Service/San Bernardino National Forest, California, 1993.

Curriculum Development for Texas A & M University

Development of Texas A&M University science curriculum program for the middle school level, Bryan/College Station, Texas, 1993.

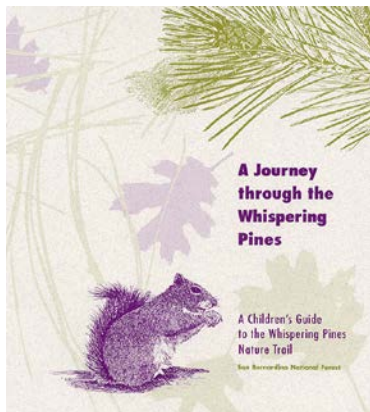
Curriculum Development for Opera Pacific

Writing of curriculum guide, Crisis in the Wetlands, to accompany a performance by Opera Pacific in conjunction with the National Audubon Society/San Joaquin Wildlife Sanctuary, Costa Mesa, California, 1993.

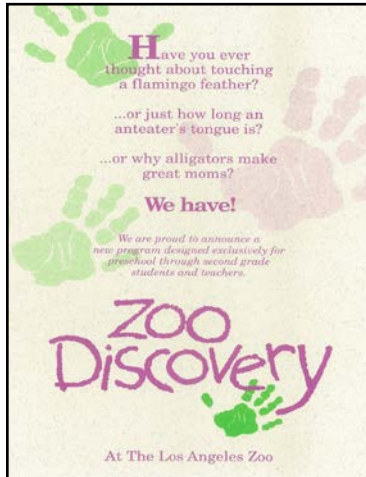
Zoo Discovery Program

Recipient of 1992 National Education Award, American Zoo and Aquarium Association and 1996 National Education Award as ZooReach, American Zoo and Aquarium Association

Design and writing of multilingual zoo interpretive program, including curricula and interpretive media, for the Los Angeles Zoo, Los Angeles, California, 1991.



Our Clients



Anderson-Kulwiec Architects, Santa Paula, California
Agua Hedionda Foundation, Carlsbad, California
Big Bear Municipal Water District, Big Bear Lake, California
Big Santa Anita Historical Society, Arcadia, California
Bolsa Chica Conservancy, Huntington Beach, California
Borrego Village Association, Borrego Springs, California
Bureau of Land Management, Elko, Nevada
Cabrillo Marine Aquarium, San Pedro, California
California Community Forests Foundation, Sacramento, California
California Department of Conservation, Sacramento, California
California Department of Education, Sacramento, California
California Department of Forestry and Fire Protection, Sacramento, California
California Department of Parks and Recreation, Sacramento, California
California Department of Water Resources, Sacramento, California
California Energy Commission, Sacramento, California
California Environmental Protection Agency, Sacramento, California
California Institute for Biodiversity, Oakland, California
California Integrated Waste Management Board, Sacramento, California
Callander Associates, Landscape Architecture, San Mateo, California
CH2MHill, Los Angeles, California
Chadwick School, Palos Verdes Peninsula, California
Chevron/Pacific Coast Homes, Brea, California
City of Dana Point, Dana Point, California
City of Fontana, Fontana, California
City of Glendale, California
City of Highland California
City of Laguna Beach, Laguna Beach, California
City of Lodi, Lodi, California
City of Long Beach, Department of Parks, Recreation, and Marine, Long Beach, California
City of Monrovia, Department of Parks and Environmental Services, Monrovia, California
City of Newport Beach, Newport Beach, California
City of Rancho Palos Verdes, Rancho Palos Verdes, California
City of Riverside, Riverside, California
City of Rolling Hills Estates, Rolling Hills Estates, California
City of Torrance, Torrance, California
City of Walnut Creek, Walnut Creek, California
Climate Resolve, Los Angeles, California
Copeland Properties, San Luis Obispo, California
Compass Interpretive Planning, Whittier, California

Community Nature Connection, Los Angeles, California
Contra Costa Resource Conservation District, Concord, California
County of Orange, Santa Ana, California
County of Riverside, Regional Park and Open Space District, Riverside, California
County of San Mateo, Parks and Recreation Division, Redwood City, California
Crystal Cove Alliance, Newport Coast, California
Cuyumaca Rancho State Park Interpretive Association, Descanso, California
Descanso Gardens, La Cañada Flintridge, California
Discovery Museum of Orange County, Santa Ana, California
Dougherty + Dougherty Architects, Costa Mesa, California
EcoLife Foundation, Escondido, California
EcoTech Services, Inc., Monrovia, California
Endangered Habitats League, San Diego, California
Environmental Literacy Group, Evergreen, Colorado
Environmental Nature Center, Newport Beach, California
EPT Design, Irvine, California
Florida State Parks, Tallahassee, Florida
Fresno Chaffee Zoo, Fresno, California
Fresno County Office of Education, Fresno, California
Friends of Fakahatchee, Everglades City, Florida
Friends of Fellows Riverside Gardens, Youngstown, Ohio
Friends of the Dunes, Arcata, California
Garden Grove Unified School District, Garden Grove, California
Garvan Woodland Gardens, Hot Springs, Arkansas
General Graphics Exhibits, San Francisco, California
Ghilotti Bros. Contractors, San Rafael, California
Group Delphi, Alameda, California
Guadalupe-Nipomo Dunes Stewardship Collaborative, Guadalupe, California
Hayward Area Recreation and Park District, Hayward, California
HMC Architects, Irvine, California
Holden Forests and Gardens, Kirtland, Ohio
HRP Studio, Santa Ana, California
Huntington Beach Wetlands Conservancy, Huntington Beach, California
Huntington Botanical Gardens, San Marino, California
IMA Design Group, Irvine, California
Irvine Ranch Conservancy, Irvine, California
James Freed Design, Sebastopol, California
Jet Propulsion Laboratory, Pasadena, California
Jones & Stokes, Irvine, California
K2 Fabrication and Design, Corona, California
Kennedy/Jenks Consultants, Engineers and Scientists, Ventura, California

Kern County Superintendent of Schools, Bakersfield, California
Kuwait Institute for Scientific Research, Kuwait City, Kuwait
Laguna Canyon Foundation, Laguna Beach, California
Lake County Office of Education, Lakeport, California
Lindsay Wildlife Experience, Walnut Creek, California
Lions, Tigers & Bears Big Cat Sanctuary, Alpine, California
Los Angeles Conservation Corps, Los Angeles, California
Los Angeles County Office of Education, Los Angeles, California
Los Angeles Engineering, Rosemead, California
Los Angeles Neighborhood Land Trust, Los Angeles, California
Los Angeles Zoo, Los Angeles, California
Los Padres Forest Association, Santa Barbara, California
Metropolitan Water District, Los Angeles, California
National Park Service, Arcata, California
National Park Service/National Trails Intermountain Region, Santa Fe, New Mexico
National Disaster Search Dog Foundation, Ojai, California
Non-Profit Management Resources, Woodland Hills, California
NUVIS Landscape Architecture and Planning, Costa Mesa, California
Opera Pacific, Costa Mesa, California
Orange County Coastkeeper, Costa Mesa, California
Orange County Historical Commission, Santa Ana, California
Orange County Korean War Memorial Committee, Garden Grove, California
Orange County Water District, Fountain Valley, California
Oregon Metro, Portland, Oregon
Pacific Marine Mammal Center, Laguna Beach, California
Palos Verdes Peninsula Land Conservancy, Palos Verdes, California
Pittsburgh Botanic Garden, Pittsburgh, Pennsylvania
PlaceWorks, Berkeley, California
PlayCore, Chattanooga, Tennessee
Playa Vista (Playa Capital Company, LLC), Los Angeles, California
Presidio of Monterey, Monterey, California
Rancho Los Cerritos Historic Site, Long Beach, California
Rancho Santa Ana Botanic Garden, Claremont, California
Red Butte Garden, Salt Lake City, Utah
Redlands Conservancy, Redlands, California
Redwood Natural History Association, Crescent City, California
Regents, University of California, Davis, California
Ritz-Carlton, Laguna Niguel, California
RJM Design Group, Inc., San Juan Capistrano, California
Roesling Nakamura Architects, Inc., San Diego, California
Ron Yeo, FAIA Architect, Inc., Corona del Mar, California



San Bernardino County Museum, San Bernardino, California
Sacramento-San Joaquin Delta Conservancy, West Sacramento, California
San Diego Zoological Society, San Diego, California
San Francisco Public Utilities Commission, San Francisco, California
San Geronimo Interpretive Association, Mentone, California
San Joaquin Historical Society & Museum, Lodi, California
San Mateo County Parks and Recreation Foundation, San Mateo, California
San Onofre Parks Foundation, San Clemente, California
Santa Barbara Botanic Garden, Santa Barbara, California
Sites Southwest, Albuquerque, New Mexico
SoLa Creative, Laguna Beach, California
Sonoma County Water Agency, Santa Rosa, California
Southern California Gas Company, Los Angeles, California
Southern Nevada Conservancy, Las Vegas, Nevada
Split Rock Studios, St. Paul, Minnesota
State of New Mexico, Department of Cultural Affairs, Las Cruces, New Mexico
State of Oregon, Department of Parks and Recreation, Salem, Oregon
State of Pennsylvania, Department of Conservation, Natural Resources, Harrisburg, Pennsylvania
Summerhays Films, Inc., San Diego, California
Terra Design Studios, Pittsburgh, Pennsylvania
Texas A & M University, Bryan/College Station, Texas
The Irvine Company, Irvine, California
The Nature Conservancy, Hailey, Idaho
The Nature Conservancy, Los Angeles and Ventura, California
The Nature Conservancy, Santa Fe, New Mexico
TreePeople, Beverly Hills, California
Turlock Irrigation District, Turlock, California
Upland Unified School District, Upland, California
United States Forest Service, San Gabriel River Ranger District, California
United States Forest Service, Los Angeles River Ranger District, California
United States Forest Service, San Bernardino National Forest, California
University of California, Irvine
University of North Carolina, Chapel Hill, North Carolina
University of Utah, Salt Lake City, Utah
VA Consulting, Newport Beach, California
Valley-Wide Recreation and Park District, San Jacinto, California
Wagon Wheel Natural History Association, Cota de Casa, California
West Basin Municipal Water District, Carson, California
Wilson and Company, Albuquerque, New Mexico
WRC Consulting Services, Santa Ana, California
Wyland Foundation, Irvine, California