

**AGENDA FOR ANNUAL MEETING AND MEETING OF BOARD OF DIRECTORS  
OF  
SAN BERNARDINO VALLEY CONSERVATION TRUST,  
a California Nonprofit Public Benefit Corporation**

**Wednesday, October 19, 2022 – 2:00 P.M.**

Location—1630 West Redlands Boulevard, Suite A, Redlands, California

Anyone wishing to join the meeting can join via Zoom:

**Call in (669) 900-6833, Meeting ID: 815-0101-6347**

To join the Zoom Meeting: <https://us06web.zoom.us/j/81501016347>

Note: Copies of staff reports and other documents relating to the items on this agenda are on file at the San Bernardino Valley Water Conservation District office and are available for public review during regular District business hours. New information relating to agenda topics listed, received, or generated by the District after the posting of this agenda, but before the meeting, will be made available upon request. The San Bernardino Valley Conservation Trust intends to follow California Open Meeting laws and the Americans with Disabilities Act (ADA) in all respects. If you need special assistance with respect to the agenda or other written materials forwarded to the members of the Board for consideration at the Board meeting, or if as an attendee or a participant at this meeting you will need special assistance, the District will attempt to accommodate you in every reasonable manner. Please contact Athena Monge at (909) 793-2503 at least 48 hours prior to the meeting to inform her of your particular needs and to determine if accommodation is feasible. Please advise us at that time if you will need accommodations to attend or participate in meetings on a regular basis.

**CALL TO ORDER**

**ROLL CALL**

**1. PUBLIC PARTICIPATION**

*Members of the public may address the Board of Directors on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) Section 54954.2 of the Government Code.*

**2. APPROVAL OF MINUTES FROM JULY 20, 2022.....p. 3**

***Presenter:*** Betsy Miller

***Recommendation:*** Review and approve minutes from July 20, 2022, as presented.

**3. DESIGNATION OF BOARD OF DIRECTORS**

***Presenter:*** Betsy Miller

***Recommendation:*** Re-designate David Raley and T. Milford Harrison to a subsequent three-year term of office.

**4. APPOINTMENT OF OFFICERS**

***Presenter:*** Betsy Miller

***Recommendation:*** Appoint Officers for President and Vice President

**Current officers:** David Raley, President  
John Longville, Vice President  
Betsy Miller, Executive Officer/Secretary

5. DESIGNATE NEW EXECUTIVE OFFICER/SECRETARY.....8

**Presenter:** Betsy Miller

**Recommendation:** Appoint Milan Mitrovich as new Executive Officer/Secretary of the Trust or reappoint Betsy Miller.

6. PFM ASSET MANAGEMENT PRESENTATION

**Presenter:** Matt Smith

**Recommendation:** Receive update on Trust investment portfolio.

7. FINANCIAL STATUS UPDATE.....p. 13

**Presenter:** Angie Quiroga

**Recommendation:** Review and approve quarterly financial report.

8. COMMUNITY MITIGATION UPDATES

**Presenter:** Milan Mitrovich

**Recommendation:** Receive update on Community Mitigation projects

9. DR HORTON TRESPASS UPDATE

**Presenter:** Betsy Miller

**Recommendation:** Receive update on DR Horton trespass remediation.

10. ADJOURN MEETING

The next regular scheduled Board of Directors Meeting will be on Wednesday, January 18, 2022 at 2:00 p.m., at 1630 W. Redlands Blvd., Redlands, CA.

**MINUTES FOR MEETING OF BOARD OF DIRECTORS  
OF  
SAN BERNARDINO VALLEY CONSERVATION TRUST,**  
a California Nonprofit Public Benefit Corporation

**Wednesday, July 20, 2022 – 2:00 pm**

CALL TO ORDER – 2:04 p.m. (Via teleconference and Zoom)

ROLL CALL

David E. Raley, SBV Water Conservation District  
John Longville, SBV Water Conservation District (Arrival, approx. 2:30 pm)  
T. Milford Harrison, SBV Municipal Water District  
Jim Earsom, IE Resource Conservation District

Betsy Miller, SBV Water Conservation District  
Angie Quiroga, SBV Water Conservation District  
Milan Mitrovich, SBV Water Conservation District  
David Cosgrove, SBV Water Conservation District  
Joanna Gibson, SBV Municipal Water District

1. PUBLIC PARTICIPATION – None
2. APPROVAL OF MINUTES FROM APRIL 20, 2022

**Action:** Motion was made by Director Harrison and seconded by President Raley to approve the meeting minutes from April 20, 2022. The motion carried 3-0 with Vice President Longville noted absent from the vote.

President Raley: Yes  
Vice President Longville: Absent  
Director Harrison: Yes  
Director Earsom: Yes

3. DESIGNATE ANNUAL BOARD MEETING DATE

Betsy Miller recommended designating the October 19, 2022, quarterly Board meeting as the Annual Board Meeting in accordance with Trust Bylaws.

**Action:** Motion was made by Director Harrison and seconded by Director Earsom to approve designating the October 19, 2022, quarterly Board meeting as the Annual Board Meeting. The motion carried 3-0 with Vice President Longville noted absent from the vote.

President Raley: Yes  
Vice President Longville: Absent

Director Harrison: Yes  
Director Earsom: Yes

#### 4. FINANCIAL STATUS UPDATE

Angie Quiroga provided the financial status update. She advised that audit preparation will begin soon for Fiscal Year 2021/2022 (FY22). A total of \$2,100 donations were received in support of the District's 90<sup>th</sup> Anniversary celebration which also included recognition of the Trust. These donations offset celebration expenses listed under California Credit Union as seen on package page 9. To date, one \$500 donation has been received to be held for the NHCPC. As previously approved, the Trust will forward these funds to the NHCPC upon receipt of their non-profit status. Significant, unrealized losses in our investment portfolio have occurred due to market volatility. Our investment advisors at PFM Asset Management (PFM) have implemented changes to our portfolio in response to the market at the end of June. They have increased commodities while also maintaining a cash allocation to keep balance. They slightly increased our small and mid-cap stocks which currently have attractive valuations and earning expectations. Exposure with international equities have been reduced and mortgage-backed securities were added to the fixed income allocation. We will be meeting with PFM tomorrow to get further details. Ms. Quiroga continued with the Trust's liabilities: \$2,174,108 is due to the District. An updated calculation of just over \$108,000 will be billed to Wash Plan participants for additional state permitting fees. An invoice was recently received from USGS that will apply to implementation costs. We are reviewing the Wash Plan MOU to verify if other expenses incurred to date should be designated solely as District expenses or should be shared expenses with other participants. On package page 10, she noted that there has been very little change to the deposit agreements. All expenses against these deposits through June 30<sup>th</sup> have been paid.

**Action:** Motion was made by Director Harrison and seconded by President Raley to approve the quarterly financial report. The motion carried 3-0 with Vice President Longville noted absent from the vote.

President Raley: Yes  
Vice President Longville: Absent  
Director Harrison: Yes  
Director Earsom: Yes

#### 5. WASH PLAN SPRING 2022 MONITORING UPDATE

Milan Mitrovich provided a PowerPoint presentation. He noted that the funding for the individual projects comes from the Wash Plan Endowment. California gnatcatcher surveys for 2022 are complete, with the final surveys on June 26th. This effort included three rounds of focused protocol breeding surveys, with one survey each in April, May, and June. An estimated nine territories are present in the 300-acre survey area of the Wash Plan preserve with five pairs observed with young. The District has confirmed successful breeding within the Wash in 2021 and 2022 even though both years are recognized as being relatively low rain years which often limits productivity for this species. Similar reproductive activity between these two years suggests stability within the population. Project costs are about \$6,500 each year. Field pictures were provided.

Mr. Mitrovich continued with the status of the Slender-horned Spineflower Restoration Program. He stated seventeen known historic populations were sampled in 2022: Spineflower was detected at seven populations, with population number 13 being the largest with 1,423 individuals recorded.

No other population had more than 100 individuals. With such a dry year, the spineflower plants are very small. Many are no larger than a quarter in diameter. Within two weeks of the close of surveys, over 4,000 seeds were collected from six of the populations. An additional 5,000 seeds collected in 2010 are in cold storage at California Botanic Garden and the District is talking to BLM and the Garden about utilizing the seeds for activities tied to seed bulking and outplanting. The District's contractor, Dudek, has "seed bulked" tens of thousands of seeds of the San Fernando Valley spineflower and we are looking to replicate that success here. The goal is to establish new populations within the Wash Plan Preserve within the next three to five years. The District has successfully implemented a new monitoring protocol for this species and expects it to remain largely unchanged for the next decade or more. The District is in position to initiate seed bulking activities and perform direct seeding beginning this winter. In terms of costs, Dudek's multi-year contract for development of a restoration program is for \$291,547.65. The District has been able to keep costs lower by Conservation District staff supporting the team in the field.

This past spring, the first round of habitat surveys in support of the San Bernardino kangaroo rat (SBKR) monitoring program were completed which were preceded by the Fall 2021 SBKR surveys. Mr. Mitrovich and the interns were able to sample all 101 of the established plots over the course of six weeks working two to three days a week in the field from mid-April through June 1<sup>st</sup>. Ms. Miller commended Mr. Mitrovich and the interns for the significant effort they put in. Mr. Mitrovich continued that in addition to now having vegetation data that describes the conditions at each plot, soil samples were collected and are scheduled to be sent to BYU in the next month for texture analysis. Additional photos were provided. USGS is an important partner in this effort. The agreement with USGS, providing for a second year of technical support for development of the monitoring program, was fully executed yesterday and the contract to implement a second year of SBKR trapping is on today's agenda. District staff have successfully implemented the new habitat monitoring protocol with results allowing us to better understand the relationship among SBKR presence, soils, and vegetation. The District is scheduled to complete a second year of trapping this fall, allowing for refinement of the estimates of SBKR occupancy and abundance within the Wash Plan Preserve. The monitoring protocol employed by the District has gained favorable recognition by the Wildlife Agencies and may one-day become the standard for the region. The 2021 and 2022 trapping efforts total close to \$75,000. The USGS's new contract is for up to \$60,000, bringing the total funds covering the technical agreements with the USGS to close to \$115,000. The field work performed this Spring was handled entirely in house at a value estimated at close to \$60,000. Ms. Miller added that it was expected for our contracts with the USGS to consistently be \$40,000-\$60,000 per year. However, Mr. Mitrovich has experience doing this same type of work and USGS has agreed to update Mr. Mitrovich with new statistical modeling in order for us to do a good portion of the work in-house, significantly reducing our contracts with USGS in the future. Director Harrison praised both the District's staff and Valley District's staff for the amazing work that is being accomplished between them both.

Mr. Mitrovich stated an early draft of the Natural Resource Management Plan, as required by the Wash Plan HCP, was shared with the Wildlife Agencies on July 12th., This draft came two years following receipt of the ITP from the USFWS. The shared draft discusses the District's general approach and philosophy to land management as well as the framework and organizational structure for getting work done. Over the course of the next couple of months, the plan will be developed further focusing on discussion and analysis of new monitoring data and early results of the District's management activities tied to HCP implementation. The more advanced draft will include mention of the major initiatives we plan to pursue over the course of the next three to five years. This is an important document meant to be a living document. We have successfully initiated a process that will result in a finalized management plan within a year's time that has full buy-in

from the Wildlife Agencies, our partners, and other members of the Preserve Management Committee. Development of the Natural Resource Management Plan is being handled in-house and informed through communication with our partners and the Wildlife Agencies, as well as review of existing planning and monitoring results. Discussion ensued. This item was received and filed.

#### 6. WASH PLAN SAN BERNARDINO KANGAROO RAT 2022 MONITORING PROGRAM PROFESSIONAL SERVICES AGREEMENT

Mr. Mitrovich briefly explained the Professional Services Agreement with Origin Biological for an amount not to exceed \$35,590 of funds from the Wash Plan endowment on package page 11 and requested Board approval. Ms. Miller advised this includes coordination between our team and USGS for our presentation at the National HCP Coalition on this work and how others can utilize this work in their HCP's as well. President Raley inquired if David Cosgrove had reviewed this agreement. Mr. Mitrovich confirmed it has been reviewed by District Counsel.

**Action:** Motion was made by Director Earsom and seconded by Director Harrison to approve the Wash Plan San Bernardino Kangaroo Rat 2022 Monitoring Program Professional Services Agreement with Origin Biological in an amount not to exceed \$35,590. The motion carried 3-0 with Vice President Longville noted absent from the vote.

President Raley: Yes

Vice President Longville: Absent

Director Harrison: Yes

Director Earsom: Yes

#### 7. COMMUNITY MITIGATION UPDATES

Ms. Miller stated we are continuing to work on documents for the acreage SBCTA is purchasing from us for their project. Unfortunately, from the genesis of this project to the time this requirement came up, CDFW changed their processes. Our previous preapproval at the state level is being reevaluated. We are having to update and repackage a significant number of documents to CDFW for review. Updated Board member resumes may also be requested. One unofficial comment received from CDFW is in regard to Ms. Miller's position and contract as the District's General Manager (GM) which also requires her to serve as the Executive Director (ED) of the Trust. CDFW inquired about the closeness of the two positions especially since the role of the Trust is to serve as an oversight for the District. The former District's GM Daniel Cozad and legal counsel David Cosgrove stated it was intended for the ED to eventually be separated from the District's GM. She requested feedback from the Board as to their preferred timeline and approach to making this change. Ms. Miller believes Mr. Mitrovich would be an excellent ED for the Trust. Director Harrison agreed and requested David Cosgrove's input. Mr. Cosgrove stated he is ambivalent as to whether the Board makes the change now or later. The Trust was always supposed to grow outside of its current status as more funding comes in. The long-term vision is for the Trust to be a semi-autonomous body to manage the habitat preserves. President Raley requested discussing this item again at the next in-person meeting. Ms. Miller stated the Annual Meeting in October is scheduled to be in person. The Board agreed to discuss this item again in October.



## 8. DR HORTON TRESPASS UPDATE

Ms. Miller advised the Board the understanding was that a verbal agreement had been reached on resolving the Greenspot Road trespassing issue with DR Horton. DR Horton provided a \$50,000 deposit to charge against as we reviewed the issue and indicated they would provide an additional \$200,000 to benefit species and habitat in the Wash as designated by the resource agencies. On June 23<sup>rd</sup> we received a written message that stated they are no longer comfortable with the original agreement. A written response was sent July 7<sup>th</sup>. There has been no movement at this time. Mr. Cosgrove added that the nature of their message was they are testing the credibility of the assertions made as to the costs required for reparations. Discussion ensued. This item was received and filed.

## 9. GRANT STATUS UPDATE

Ms. Miller stated District staff has been working on a pre-application for a Wildlife Conservation Board grant specifically for our Slender-horned Spineflower Restoration Program. A nuance is that it is not really appropriate to apply for grant funding to cover specific requirements of our HCP that we asserted we would utilize our endowment funds to cover. However, there are several additional actions that would significantly improve our ability to develop the spineflower restoration program. Pollinator studies and surveying additional lands beyond the Wash Plan Preserve as well as District lands in addition to the modeling of spineflower locations requirement of the HCP. Mr. Mitrovich stated this project could cost upwards of \$500,000 and to receive matching funds at approximately \$225,000 would be significant. The application is being polished before submitting later this week or early next week. Staff is looking at other approaches to benefitting the species, not required by the HCP, and other grants as well. President Raley commended Staff and is 100% behind applying for grants. Director Harrison agreed. Both Director Harrison and Mr. Cosgrove stated they are available to make any contacts that may be helpful. This item was received and filed.

## 10. ADJOURN MEETING – 2:50 pm.

**Action:** A motion was made by Director Earsom and seconded by Director Harrison to adjourn the meeting. The next Annual Board of Director's meeting will be held on Wednesday, October 19, 2022, at 2:00 pm at 1630 W. Redlands Blvd., Redlands, CA or via teleconference and Zoom. The motion carried 3-0 with Vice President Longville noted absent from the vote.

President Raley: Yes

Vice President Longville: Absent

Director Harrison: Yes

Director Earsom: Yes

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Betsy Miller  
Secretary/CFO

# Milan J. Mitrovich, Ph.D.

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Linkedin Profile: <https://www.linkedin.com/in/milan-mitrovich-phd-227a2a32/>

**Background** – My professional background is in conservation science with an emphasis in landscape and wildlife ecology. Over the last 25+ years, I have served in research and advisory roles for several public and private sector organizations addressing conservation and natural resource management issues across southern California. In my current position as Land Resources Manager with San Bernardino Valley Water Conservation District, I help the organization balance its responsibilities to accomplish groundwater recharge with the need to protect and recover threatened and endangered species.

**Objective** – Committed to the search for solutions to pressing social and environmental issues, my objective is to work with other talented professionals in a collegial environment that rewards innovation and encourages creativity and teamwork.

## **Highlighted Skills**

- Adept at problem solving
- Proven ability to lead multi-agency, multi-disciplinary ventures addressing complex environmental issues
- Entrepreneurial; proven ability to develop institutional vision
- Expertise in strategy development
- Proficient at portfolio management
- Highly adaptable; comfortable working in dynamic environments
- Exceptional quantitative reasoning, critical thinking, and analytical writing skills
- Excel at high-quality interactions; value relationship building and maintaining clear and consistent communication with team members and partners
- Technically proficient and creative; successful in both collaboration and as independent thinker

## **Education**

- University of California, Davis and San Diego State University, Ph.D. Ecology – 2006
- University of California, San Diego, B.S. Ecology, Behavior, and Evolution (Programs of Concentration: Urban Studies and Planning; History) – 1997

## **Highlighted Accomplishments**

- Two years leading development of advance mitigation strategies and adaptive management programs benefitting listed species and aquatic resources while addressing permitting needs tied to water infrastructure and capital improvement projects for public sector clients (*Senior Conservation Biologist – ICF*)
- For eight years, directed and facilitated science and natural resource management activities across cutting-edge consortium of public and private landowners, land managers, infrastructure agencies, federal and state wildlife agencies, and universities operating within Orange County, California (*Science Director – Natural Communities Coalition*)
- Working with state and federal regulatory agencies, Department of Defense, city and county government, and private enterprise, developed landscape-level conservation strategy for state and federal habitat conservation planning initiatives and regional mitigation banking opportunities related to urban development and expansion of renewable energy in the Mojave Desert (*Director of Ecological Services – Solution Strategies, Inc.*)



- Managed, as member of national award-winning design studio, multi-disciplinary team designing ecological infrastructure of the Great Park, a 1,350-acre, \$1.2 billion public works project serving as the focal point of redevelopment for the former Marine Corps Air Station, El Toro (*Senior Ecologist – Greenshield Ecology*)
- Awarded three-year national graduate research fellowship to study issues related to coastal resources protection within the National Estuarine Research Reserve System (*Fellow – NOAA Office for Coastal Management*)
- Contributing member of team conducting conservation assessment of mountains and foothills across four southern California national forests extending from Monterey County to U.S.-Mexico Border (*Biologist – US Forest Service*)

## **Professional Experience**

**Land Resources Manager – San Bernardino Valley Water Conservation District** (2022-Present, Redlands, CA): Serve the people and communities of the San Bernardino Valley benefiting from groundwater recharge activities implemented by the Water Conservation District.

*Representative projects:*

Upper Santa Ana River Wash Habitat Conservation Plan (Wash Plan). Responsible for implementation of the Wash Plan. Balance the ground-disturbing activities of water conservation, aggregate mining, recreational activities, and other public services in the plan area with the conservation of natural communities and protection and recovery of endangered and threatened species. Ensure agency compliance with long-term state and federal permits.

**Senior Conservation Biologist – ICF** (2019-2022, Irvine, CA): Supported the development and implementation of landscape-scale conservation plans and advance mitigation strategies for public and private sector clients.

*Representative projects:*

Sites Reservoir Adaptive Management Program – Sites Project Authority. Served as project lead for development of the adaptive management program benefitting federally and state listed terrestrial and aquatic species while supporting construction activities and the long-term operation of the Sites Reservoir. Sites Reservoir Project, situated in the Sacramento Valley, is a recognized critical piece of California's climate resiliency strategy. When completed, the reservoir is to provide a number of environmental benefits, including reliable dry-year water supply for California communities, farms, and businesses, improved water quality, groundwater recharge, flood management, and water in drier periods for native fish and Pacific Flyway habitat for migratory birds and other native species.

Orange County Comprehensive Advance Mitigation Program – Orange County Public Works. Served as the project lead on development of a comprehensive advance mitigation program. Program is to deliver landscape-scale restoration for purposes of streamlining capital improvement project approvals associated with flood control and the construction of roads, bridges, and trails for the County of Orange, while providing improved biological outcomes in support of aquatic resources and regional conservation priorities tied to the individual needs of sensitive species and habitats. Program design is a collaborative process involving multiple departments within the County of Orange, including OC Public Works and OC Parks, as well as state and federal regulatory agencies with permitting authority over activities impacting Waters of the U.S., Waters of the State, and state and federal listed species.

Upper Santa Ana River Watershed Program – San Bernardino Valley Municipal Water District. Served as project manager for development of the adaptive management and monitoring program integral to the successful implementation of the Upper Santa Ana River Habitat Conservation Plan (HCP). The principal objective of the program is to support science-based management actions with relevant monitoring data to help protect and manage aquatic and terrestrial species and habitats associated with the Santa Ana River Watershed. The HCP is part of a broader program being led by ICF to fully integrate conservation, mitigation, and permitting associated with preparation of the Upper Santa Ana River HCP, implementation of several major

stream and riparian restoration projects, creation of mitigation and species conservation banks, and development of a programmatic permitting strategy for a comprehensive set of Aquatic Resources permits from state and federal agencies.

**Science Director – Natural Communities Coalition** (2011-2019, Irvine, CA): Directed science and stewardship activities consistent with 75-year, state Natural Community Conservation Plan (NCCP) and federal multi-species HCP covering 208,000-acre planning area in coastal and central Orange County (<https://occonservation.org/>). Approved in 1996, the landscape-level conservation plan was the first in California and is considered by one of its lead architects, Former Secretary of the Interior Bruce Babbitt, to be the gold standard, as it “set the standard for every land-preservation issue under the Endangered Species Act for the last 20 years.”

Worked directly with organization's officers and directors, and representatives from over 20 partnering organizations, comprised of state and federal agencies, universities, private and public landowners, infrastructure agencies, non-profit and community groups. Assembled teams of contractors, researchers, and land stewards to implement rich portfolio of priority science and land management initiatives. As sponsored work is funded through \$30 million in endowments and state grants, operated with a high degree of transparency and fiduciary responsibility, regularly communicating with organization's 18-member board of directors. Oversaw design and implementation of 40 plus multi-year projects budgeted at over \$10 million addressing fire management, endangered and threatened species, habitat restoration, invasive species, climate change, and recreation. Awarded \$1.5 million in state grants and Irvine Ranch Conservancy Excellence in Partnership Award (2014) for leadership on regional land stewardship initiatives.

**Director of Ecological Services – Solution Strategies, Inc.** (2010-2011, Los Angeles, CA): Developed landscape-scale conservation strategies for public and private sector clients. Provided regional coordination among state, federal, and local government agencies, community groups, and conservation organizations on environmental projects. Developed ecological methodology behind mitigation and conservation banking programs tied to urban development and expansion of renewable energy.

*Representative projects:*

Multi-Species HCP for the Town of Apple Valley in the Victor Valley region of the Mojave Desert (<https://www.applevalley.org/services/planning-division/multi-species-habitat-conservation-plan>). Developed regional conservation strategy for a 170,000-acre planning area. Strategy focused on mitigating effects of climate change in the West Mojave. Coordinated among Federal and State agencies, including U.S. Fish and Wildlife Service, Bureau of Land Management, Department of Defense, California Department of Fish and Wildlife, California Energy Commission, County of San Bernardino, Town of Apple Valley, conservation organizations, and public stakeholder groups. Conservation strategy formed the foundation for the Town of Apple Valley HCP and was considered a model for regional habitat conservation planning by the Assistant Director of Ecological Services of the U.S. Fish and Wildlife Service and members of Congress in Washington D.C.

Environmental liaison for Irvine–Laguna Wildlife Corridor Project (<https://wildlifecorridor.org/>). Served as a technical consultant and liaison on development of the eight-mile, \$100 million urban wildlife corridor connecting isolated coastal and inland nature preserves in Orange County, California. Worked to establish and maintain mutual understanding and cooperation among key stakeholders for the project, including, Orange County Great Park Corporation, City of Irvine, and leading environmental groups. Informed stakeholders regarding the regulatory environment governing the project. Provided guidance on mitigation banking and other financial instruments. Served on the Irvine Wildlife Corridor Technical Working Group at the request of the mayor of the City of Irvine.

**Wildlife Biologist – U.S. Geological Survey** (2009-2010, Irvine, CA): Worked collaboratively with federal scientists to identify key drivers underlying biodiversity loss within southern California. Research focused on understanding behavioral, population, and community response of wildlife to natural and anthropogenic disturbance, including wildfire, drought, habitat loss and fragmentation, and invasive species. Research resulted

in peer-reviewed scientific publications informing land management and habitat conservation planning efforts throughout the southwestern United States.

**Senior Ecologist – Green Shield Ecology and Great Park Design Studio** (2007-2009, Irvine, CA): Managed team of ecologists on design of the ecological infrastructure of the Orange County Great Park (<https://www.cityofirvine.org/orange-county-great-park>). The Great Park is a 1,350-acre, \$1.2 billion public works project serving as the focal point of redevelopment for the former Marine Corps Air Station, El Toro. Ecological design involves the restoration of hundreds of acres of airfield, daylighting 2 miles of buried stream, and design and implementation of a \$100 million urban wildlife corridor connecting coastal and inland areas of Orange County, California. Position required daily collaboration and problem solving with an internationally-renown design team of architects, civil and structural engineers, hydrologists, biologists, and program managers, as well as regular communication with elected officials, City of Irvine staff, and environmental groups. Design work received multiple awards, including a National Planning Excellence Award for Innovation in Regional Planning (2009) from the American Planning Association (APA) and California Society for Ecological Restoration Members Award (2007).

**Ecologist – Nature Reserve of Orange County** (2005-2007, Irvine, CA): Led interdisciplinary team of biologists and land managers in development and implementation of an environmental research and monitoring program tied to County of Orange Central & Coastal Subregion NCCP/HCP. Relevant projects and planning efforts included monitoring and management of federally and state listed species, invasive species management tied to rangeland recovery, and wildfire management.

**Graduate Research Fellow – Tijuana River National Estuarine Research Reserve** (2001-2004, Imperial Beach, CA): Awarded three-year, National Estuarine Research Reserve Fellowship with the NOAA Office for Coastal Management (<https://coast.noaa.gov/>). Conducted graduate research focused on enhancing natural resource protection within the coastal zone of southern California.

**Biologist – U.S. Geological Survey & San Diego State University, Field Stations** (1998-2000, San Diego, CA): Worked independently and as member of a team of Western Ecological Research Center (<https://www.usgs.gov/centers/werc>) conducting field surveys of plant and animal diversity in support of habitat conservation planning efforts throughout coastal, inland, and desert regions of southern California.

**Biologist – U.S. Forest Service** (1995-1998, San Diego, CA): For three plus seasons served as a member of federal research team assessing habitat and species conservation issues associated with the mountains and foothills of the Los Padres, Angeles, San Bernardino, and Cleveland National Forests. Project resulted in widely recognized and referenced USDA Forest Service General Technical Report GTR-PSW-175, Southern California Mountains and Foothills Assessment: Habitat and Species Conservation Issues.

### **Teaching Experience**

**Associate Faculty – Saddleback College, Environmental Studies Program** (2013-2014, Mission Viejo, CA): Instructor for environmental science course covering: basic ecology; geology; natural communities and wildlife; human influences; interpretation; and early human history. Course designed to educate the next generation of naturalists and wilderness park docents.

**Graduate Teaching Associate – San Diego State University, Department of Biology** (1999-2000, 2005, San Diego, CA): Teaching associate and instructor for upper-division science courses, specifically: (1) Ecology and the Environment—Fundamental concepts in population, community, and ecosystem ecology; (2) Experimental Ecology—Methods of research in ecology; approaches to analysis of populations, communities, and ecosystems; and (3) Special Study—Individual study, internship, other supervised laboratory or field project or experience.

### **Scholarly Products**

Creany, NE, CA Monz, A D'Antonio, A Sisneros-Kidd, EJ Wilkins, J Nesbitt, **M Mitrovich**. 2021. Estimating trail use and visitor spatial distribution using mobile device data: an example from the nature reserve of

orange county, California USA. Environmental Challenges 4 –  
<https://doi.org/10.1016/j.envc.2021.100171>

- Neal, KM, RN Fisher, **MJ Mitrovich**, HB Shaffer. 2021. Conservation genomics of the threatened western spadefoot, *Spea hammondi*, in urbanized southern California. Journal of Heredity 111 –  
<https://doi.org/10.1093/jhered/esaa049>
- Monz, C, N Creany, J Nesbitt, **M Mitrovich**. 2020. Mobile device data analysis to determine the demographics of park visitors. Journal of Park and Recreation Administration 39 –  
<https://doi.org/10.18666/JPRA-2020-10541>
- Sisneros-Kidd, AM, A D'Antonio, C Monz, **M Mitrovich**. 2020. Improving understanding and management of the complex relationship between visitor motivations and spatial behaviors in parks and protected areas. Journal of Environmental Management 280 – <https://doi.org/10.1016/j.jenvman.2020.111841>
- Mitrovich, M**, CL Larson, K Barrows, M Beck, R Unger. 2020. Balancing conservation and recreation. California Fish and Wildlife Journal, Special Issue 1: 11-28
- Patten, MA, JC Burger, **M Mitrovich**. 2019. The intersection of human disturbance and diel activity, with potential consequences on trophic interactions. PLoS ONE 14 –  
<https://doi.org/10.1371/journal.pone.0226418>
- Monz, C, **M Mitrovich**, A D'Antonio, A Sisneros-Kidd. 2019. Using mobile device data to estimate visitation in parks and protected areas: an example from the nature reserve of orange county, California, USA. Journal of Park and Recreation Administration 37 – <https://doi.org/10.18666/JPRA-2019-9899>
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# San Bernardino Valley Conservation Trust

## Unaudited Financial Status as of September 30, 2022

<b>Cash Status-California Credit Union</b>		As of 07/1/22	As of 09/30/22
	7/1/2022 Beginning Balance	<b>913,989.15</b>	
Revenue:	7/18-9/29/22 NHCPD Donation deposits		16,500.00
Total Revenue:			16,500.00
Expenses:	9/30/2022 SBVWCD-Earned Mitigation Credits thru 09/30/22		18,585.70
Total Expenses:			<b>18,585.70</b>
		<b>ENDING BALANCE</b>	<b>949,074.85</b>
<b>Investments-US Bank</b>		As of 07/1/22	As of 09/30/22
	7/1/2022 Beginning Balance	<b>2,945,391.54</b>	
Revenue:	9/30/2022 Accrued Income, Interest, Dividends (Jul-Sept)		14,912.16
	9/30/2022 Unrealized Gain/Loss (Jul-Sept)		(192,065.78)
	9/30/2022 Realized Gain/Loss (Jul-Sept)		(7,479.32)
Total Revenue:			<b>(184,632.94)</b>
Expenses:	7/27/2022 US Bank Administrative Trust Fees		(875.00)
	9/14/2022 PFM Advisory & Management Fees(May-Jul)		(2,278.38)
Total Expenses:			<b>(3,153.38)</b>
		<b>ENDING BALANCE</b>	<b>2,757,605.22</b>
<b>Accounts Receivable</b>			
	Cemex/Robertson's-Wash Plan MOU		7,843,563.00
		<b>BALANCE</b>	<b>7,843,563.00</b>
<b>Liabilities</b>			
	Balance at 06/30/22	2,119,186.13	
	Jul-Sept 2022	<u>77,105.35</u>	
	Due to SBVWCD-Wash Plan (includes \$30,331.12 State Permitting fees)		2,196,291.48
	Due to SBVWCD-Earned Mitigation Credits		-
	Unearned Mitigation Credit Balance (see back)		182,968.45
	NHCPD Sponsorship Deposit Account		17,000.00
		<b>BALANCE</b>	<b>2,396,259.93</b>

Deposit Agreements	Date	Project	Deposits	Staff Time Expenses	Biologist Fees	Legal Fees	Mitigation Credit Balance
1. S-P Deerfield	2/28/2018	Blossom Trails	\$ 36,763.59	\$ 31,928.42	\$ 3,131.20	\$ 1,650.00	\$ 53.97
2. Highland-Fifth Orange Partners	10/17/2018	Woodbridge	\$ 10,000.00	\$ 4,784.02	\$ -	\$ 400.00	\$ 4,815.98
3. SB County Transportation Authority	3/17/2020	SR 210 Lane Addition	\$ 435,255.03	\$ 57,853.80	\$ 167,523.64	\$ 31,779.09	\$ 178,098.50
Total			\$ 482,018.62	\$ 94,566.24	\$ 170,654.84	\$ 33,829.09	\$ <b>182,968.45</b>
Reimbursement Due to SBVWCD				\$ -			