Sacred Waters Connect Us

2022 IMPACT REPORT

Watershed Management Group

Watershed Management Group acknowledges that we live, learn, work, and engage with community on the ancestral lands of the Hohokam, Sobaipuri, and Apache people and those of the Pascua Yaqui and Tohono O'odham people, whose relationship with this land continues to this day. We acknowledge that water in the Sonoran Desert is of great spiritual, physical, and ecological significance to be protected, cherished, and celebrated.

ANNUAL REPORT CREDITS
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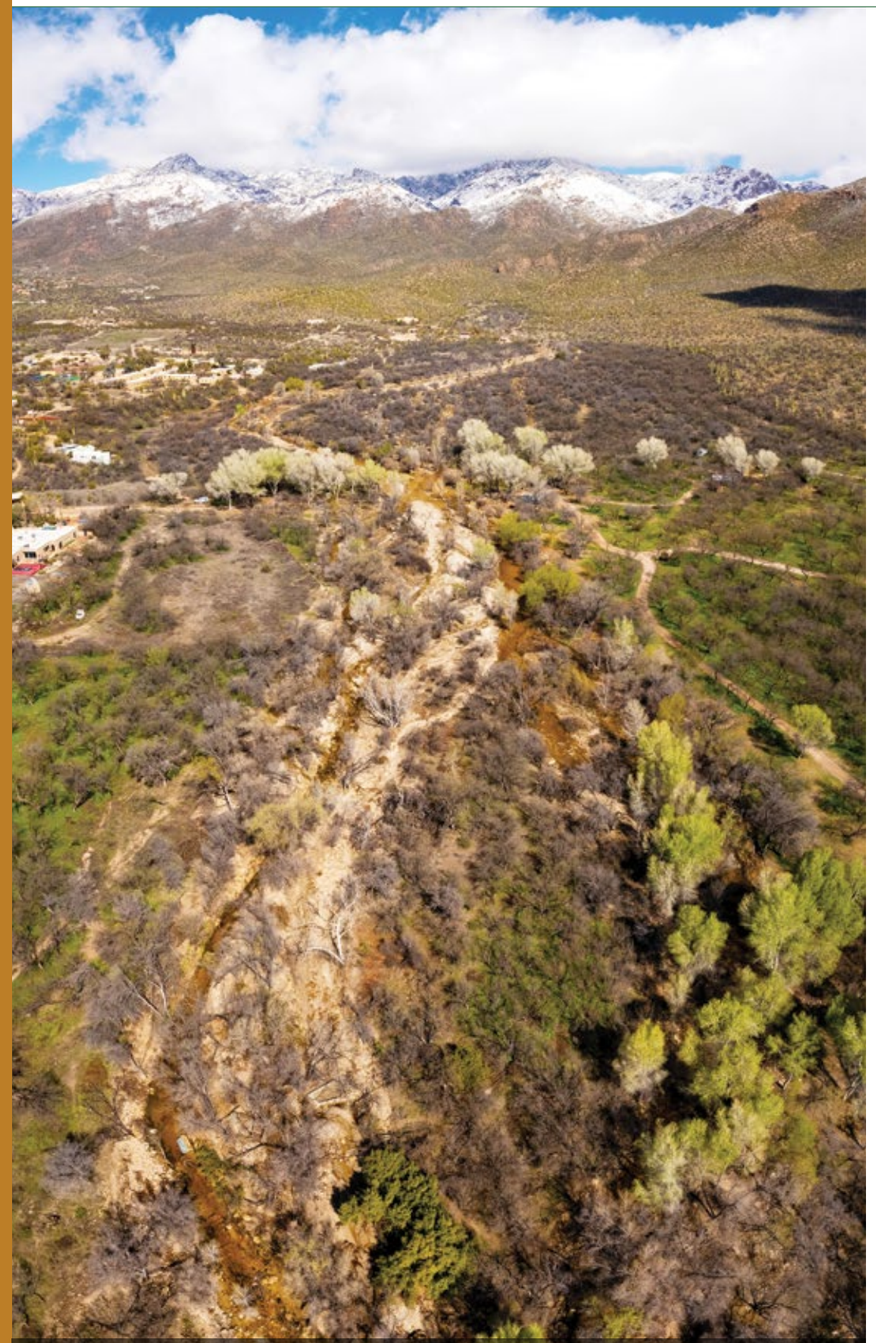


Snowmelt from the Catalina Mountains feed Lower Sabino Creek, an area with recently recovered groundwater levels that sustain a stretch of year-round flow. Cover: The San Pedro River in southern Arizona has a beautiful cottonwood gallery forest. WMG's Executive Director, Lisa Shipek, and Ben Goldfarb, author of Eager: The Surprising, Secret Life of Beavers and Why They Matter, take a break during a day out surveying for beavers.

Growing gratitude and reverence for water

This winter, Tucson received a healthy amount of rainfall as well as abundant snowfall on our surrounding mountains. I have been bubbling with gratitude for this rain and snow. Almost daily, I visit my nearby river, the Rillito, basking in the consistent river flows and replenishment of our groundwater aquifer.

It's easy to be grateful in a time of abundance, but perhaps it's even more important to show gratitude and reverence for water in our driest years. No matter what nature has in store for us, water in the Sonoran Desert, and in communities around the world, has been understood as sacred by native peoples for millennia.

As people and governments fight over and negotiate water resources, it's important to pause and remember that water is not just something to be consumed or owned, but it's a gift to be stewarded.

In this spirit, WMG will continue to expand the dialogue about living hydro-local: from what we do at home to how our cities plan for our water future. With your help, we can spread the hydro-local message of stewarding and valuing our local, renewable water resources instead of depleting distant watersheds.

Our hydro-local education, restoration, and policy work is also showing up strategically in how we design and fund our programs. Over the last five years, we've shifted away from fee-for-service water harvesting and green infrastructure installations to focus more energy on our innovative community and educational programs. To make that shift, we have continued to grow our fundraising efforts, so that we now depend on donors as our largest source of revenue to fund programs like the River Run Network, education at the Living Lab and Learning Center, and our community conservation efforts.

As one of the co-founders of WMG, I'm proud to celebrate WMG's 20-year anniversary and grow our mission to develop and implement community-based solutions to ensure the long-term prosperity of people and health of the environment. Thank you to everyone who continues to support WMG as a donor and to everyone who is providing consistent support as a monthly Flow donor; in 2022, we grew from 85 to 128 monthly donors! In honor of our 20-year anniversary and to sustain our work into the future, we're launching a campaign to **Give $20/month for WMG's 20th!** Will you join us?

From the mighty Colorado River to the creeks in our backyards, from the mountain springs to the groundwater that flows beneath our feet, we thank you for being part of our work, for water is life.

Lisa Shipek
Executive Director

"As people and governments fight over and negotiate water resources, it's important to pause and remember that water is not just something to be consumed or owned, but it's a gift to be stewarded."

How do we protect groundwater and local river flows in times of Colorado River shortage?

Winter rain and snow play a crucial role in recharging the aquifer. The Tanque Verde Creek pictured here is fed by snow and rainfall that falls on the Rincon and Catalina Mountains in Tucson, slowly released through streams and as subflow into the valley below. Tanque Verde Creek has a shallow groundwater aquifer that can recharge quickly with slower, sustained flows.

Tucson, like many Western communities, historically over pumped our groundwater supplies and dried up our rivers. Yet in the last few decades some creek flow has returned in the Sabino and Tanque Verde Creeks, and some groundwater areas have stabilized thanks to conservation, restoration, and reclaimed water projects. WMG's 50-year vision is to restore our heritage of flowing creeks and rivers in Southern Arizona, continuing to restore groundwater levels that support seasonal and perennial flows.

Now is a critical time to protect and build on the gains we've seen with groundwater and river flow, in light of Colorado River shortages in addition to local drought. Less Colorado River water will likely result in more local groundwater pumping by our water utilities, including increased pumping in shallow groundwater areas that support our riparian areas, like in the Sabino, Tanque Verde, and Rillito watersheds.

WMG is working to advance a hydro-local approach, instead of increasing unsustainable practices of over-pumping groundwater, drying up our creeks, and relying on imported water.

WMG took a big step forward on this work recently, as one of three winners of the Colorado River Basin Water Scarcity Challenge, offered by The Gates and Walton Family Foundations. As challenge winners, a team of consultants from Quantified Ventures (QV) is working with WMG pro bono, to develop and scale-up groundwater conservation and river restoration solutions for the Sabino, Tanque Verde, and Rillito watersheds.

WMG has been working towards a hydro-local future, where we value and steward our local water resources in the Tucson area instead of depleting distant watersheds, like the Colorado River. Water conservation and groundwater recharge strategies are proven to work in the greater Tucson area, however there is a real need to develop innovative funding and finance solutions at scale in sensitive groundwater areas, especially for people without access to conservation programs, like those on wells or with small water utilities.

Through this effort with QV, we will develop and implement projects and programs that increase the resilience of Tucson's water portfolio, particularly its groundwater resources. WMG and QV will collaboratively quantify outcomes, engage key stakeholders, develop funding/financing approaches, and plan a suite of projects and programs. Strategies include groundwater conservation programs, aligning green stormwater infrastructure projects with riparian areas, and leveraging recycled water strategies in the Sabino, Tanque Verde, and Rillito riparian areas.

To get more involved in this work, join our River Run Network, at **Watershedmg.org/RRN.**

WMG's Water Harvesting Certification

Amplifies Hydro-Local Movement through Training Diverse Professionals Across the West and Beyond

Through our Water Harvesting Design Certification course, we offer the highest quality and greatest depth of training in integrative water harvesting. Running the Certification is an important part of achieving our vision to shift Tucson and other communities to a hydro-local framework, and we're starting by building the cadre of professionals who can do this.

Since launching the Certification in 2009, WMG has run 36 courses, teaching over 500 students and certifying 383 as Water Harvesting Practitioners. Professionals attend from all over the U.S. and Mexico, and the Certification's reputation now attracts organizations to send new staff as professional development. The 45 hour curriculum spans water harvesting system planning, design and installation of rain gardens, greywater, and tanks systems. The course ends with an exam to demonstrate mastery of content taught and earn certification. We offer scholarships to help those with limited resources.

Part of the Water Harvesting Certification experience is learning at our Living Lab in Tucson, where students learn together surrounded by our rain gardens, potable rain tank system, greywater, composting toilets, and native and edible gardens. We cater to all learning styles, teaching in our outdoor classrooms, with WMG instructors who specialize in community workshops, long-time water harvesting educators like Brad Lancaster and Catlow Shipek, and interactive bike tour, design charrette, shared meals, and hands-on installations.

In 2022, we had diverse professionals from seven states including folks from landscape design firms, city governments like Tucson Water Department, San Xavier Co-op Farm of the Tohono O'odham Nation, and non-profit organizations from the Phoenix area including Trees Matter and Arizona Sustainability Alliance.

Plan your green job training at **Watershedmg.org/WHC**.

December 2022 Water Harvesting Certification class.

Organizations & Agencies that Attended WMG's Water Harvesting Certification in 2022

Businesses
Columbine Landscapes (CO)
Foxglove Gardening (Flagstaff, AZ)
High Desert Native Plants (TX)
Kimberly-Clark Corporation
San Xavier Co-Op Farm, Tohono O'odham Nation (AZ)
Santa Cruz Permaculture (CA)
Stream Dynamics (NM)
Sustainable Sonoran Landscapes (AZ)
Wheat Design Group (AZ)

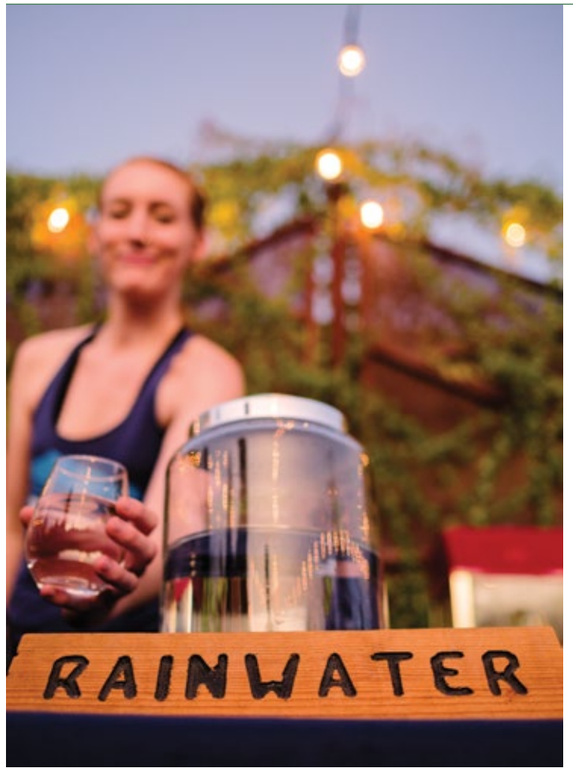
Government
City of Prescott, Arizona
National Park Service
Tucson Water Department

Non-Profit Organizations
Arizona Sustainability Alliance (AZ)
La Semilla Food Center (NM)
Preemptive Love Coalition
Seed of Harmony
Trees Matter (AZ)

Universities
Northern Arizona University
University of Arizona

Monsoon Movie Night was a big hit at the Living Lab, with over 150 people enjoying short films about water harvesting, monsoons, and the Sonoran Desert.

The Living Lab brings People of All Ages and Backgrounds to Learn About Hydro-Local Living



Everyone who visits the Living Lab is offered rainwater to drink, collected and filtered on site.

Here's a snapshot of the people we trained, taught, and engaged at the Living Lab in 2022.

- 5 new docents prepared to be WMG ambassadors
- 14 University of Arizona interns worked alongside staff
- 57 green job professionals trained through the Water Harvesting Certification
- 127 people attended docent-led tours
- 464 kids and adults played and explored at Family Saturdays
- 854 people learned at our free classes, from water harvesting, to native and edible gardens, to composting and soil stewardship

Left: Women's Build Co-op workshop designed for women, trans, femme identifying participants and workshop instructors. Middle: Workshop participant picks out native plants for Build Your Own Basin kit. Right: Co-op members build basins to harvesting rainwater and grow native plants.

From Green Living Co-op to Build Your Own Basin & Beyond

Over the past couple of years, with the slowing down due to COVID and our organization's Diversity, Equity, and Inclusion work, we've created space to reflect on where we can have the most significant impact in community water harvesting. We realized that although the number of homes wanting to bring water harvesting features to their landscape is increasing throughout southern Arizona, our highest service to the community comes from deepening our impact in under-resourced neighborhoods and with limited income families.

Too often water harvesting is seen as an expensive and resource-heavy endeavor. We want to help shift the water harvesting movement to be seen first and foremost as simple, inexpensive landscaping that can be done with local resources. To help make this shift, we have been developing our Build Your Own Basin (BYOB) program, based on easy, hands-on lessons for people to build their own rain garden at home paired with a take home BYOB kit. What started as a virtual workshop during COVID has evolved to variations of in-person workshops, including those designed for kids and neighborhood leaders. Our take home kit includes native shade trees, native shrubs and bunch grasses, mulch and wildflower seeds, along with our handy BYOB instructional zine.

Last year, our Build Your Own Basin program started focusing on specific underserved, yet culturally-rich neighborhoods. Through this work we can offer our biggest strengths as an organization: engaging and educating individuals, empowering neighborhood leaders, and supporting community projects through leveraging partnerships and funding resources. We also started offering this program from our Living Lab as well as part of our Family Saturdays initiative.

By the end of 2022, we officially closed up shop for our Green Living Co-op, even though this program was still in high demand. This strategic decision has allowed us to focus our community water harvesting work in new ways, and we are excited to see this evolve in the next few years.

At the same time, we are so grateful for all we've accomplished together through the Green Living Co-op.

Over the past 14 years, we organized a whopping 463 Co-op workshops in Southern Arizona, and over 1,500 people showed up to support grassroots water harvesting projects! Volunteers collectively contributed 22,000 hours of sweat and shared labor to install rain gardens, greywater systems, rain tanks, and native and edible landscapes. Together, we learned and built the hydro-local infrastructure for participants to steward local, renewable water instead of depleting the Colorado River or groundwater.

One of our true joys has been seeing the fruits of the Green Living Co-op in the form of dozens of community leaders, organizations, and water harvesting practitioners who have participated in the Green Living Co-op and are now out in the community, part of a bigger effort to create a hydro-local Arizona. The Green Living Co-op also inspired water harvesting practitioners in other communities across the West, to utilize similar barn-raising models.

The positive impact of the Green Living Co-op will continue to ripple out. And in the spirit of our Co-op slogan, we will continue to "do our labor with our neighbor" and expand community water harvesting in wonderful ways!

Flow365

Annual Flow Report Highlights

For the 2022 Water Year
(October 2021 – September 2022)

To see the full Flow365 Annual Flow Report as well as our Flow Dashboard with live updates, visit **Watershedmg.org/Flow365**.

Agua Caliente Creek at Milagrosa Ln
Total Days of Flow 2022: 82 Days
2021: 43 Days

Tanque Verde Creek: Wentworth Bosque
Total Days of Flow 2022: 276 Days
2021: 70 Days

Bear Creek at Bear Canyon Trail Head
Total Days of Flow 2022: 90 days
2021: 160 days
2020: 78 days

Rillito River at Craycroft Rd
Total Days of Flow 2022: 62 Days
2021: 83 Days

Lower Sabino Creek at Wes Miller Park
Total Days of Flow 2022: 365 days
2021: 365 days
2020: 365 days

Santa Cruz River at Starr Pass Blvd
*Flow primarily from recycled water
Total Days of Flow 2022: 323 days
2021: 365 days

2022 flow days variable, however seasonal and perennial flows persist

By **Lauren Monheim**, River Run Network Program Manager

With all the news about the Colorado River shortage and drought, there's another story about our watersheds that needs to be told—the story of our local creeks and rivers. And our Flow365 monitors have made it possible to start to tell that story about how some of our rivers have started to flow more in recent years. While county agencies have flow gauges at some points across Tucson to be able to alert the public about flooding, the data our Flow365 volunteers have been collecting since 2016 paints a more complete picture by recording gentler flows and capturing how flow starts and stops at different times of year.

This data is critical to understand how our desert rivers respond to changes in precipitation and groundwater levels. It also helps us determine the impact of collective conservation actions on creek flows, as we strive towards our long-term goal of restoring Tucson's heritage of flowing creeks and rivers.

2022 was a below average rainfall year; however it followed a very wet 2021 monsoon season, with impacts on flow that persisted into the first half of the 2022 water year.

It took several years to build a large enough and consistent enough volunteer group to get the data we needed to share annual flow reports. In 2021 we published our first annual flow report, and in this year's report, we can make comparisons to 2021 and in some cases 2020 data.

With the data we've compiled so far, we can clearly see there are areas with year-round flow like Lower Sabino Creek, as well as areas with seasonal flows that are beginning to return, like Tanque Verde Creek.

Our gratitude goes out to the 75 Flow365 monitors who submitted over 2000 data points across the Tucson basin. If you're interested in joining the Flow365 monitoring team, email me at **lmonheim@watershedmg.org**. Every monitor we can add gives us a more complete picture of our creeks and rivers, which makes good stewardship of them much more possible.

Want to ensure a sustainable water future for Southern Arizona while restoring our heritage of flowing desert rivers? Join the River Run Network at Watershedmg.org/RRN and participate in our river stewardship and advocacy efforts.

From left to right: Intern Matthew Jensen and Sr. Project Specialist Jim Washburne work with volunteers and a boy scout troop to remove invasive Arundo donax from Tanque Verde Creek.

Restoration Efforts in the Tanque Verde Creek

Esfuerzos de la Restauración del Arroyo Tanque Verde

By **Matthew Jensen**, River Run Network Intern

Every day, I wake up, I go to class, go to work, and live my life. Every day, I drink lots of water because everyone needs water to live. When I was younger, it was easy to think that water was almost infinite. All I had to do was turn on the sink and there it was. Even now, it's hard to think that the necessities of our lives are in danger. But why? Right now, the Colorado River, which we and many others draw our water from, is at a dangerous low. In fact, Tucson has been at a tier two water shortage since August 2022.

That's why many of us have fears for the future of our water systems and their stability. But even though human action is a huge factor in overall water use, many other variables are at play too. Specifically, invasive plants like Arundo donax, which takes up 3-4 times more water than native species! Arundo is a tall, bamboo-like plant that is surprisingly labeled as a grass. Soaring to heights of twenty feet, this plant is massive and you can see how growing that tall in a year can take up a lot of water. In fact, it can grow up to 2.5 inches a day! This means that Arundo is really good at taking over wet spaces and killing native plants by taking their water and their space.

But there is hope! We at WMG have already removed 40 tons of Arundo thanks to our dedicated volunteers. With more help, we can eradicate Arundo in the Tanque Verde Creek in 3-5 years!

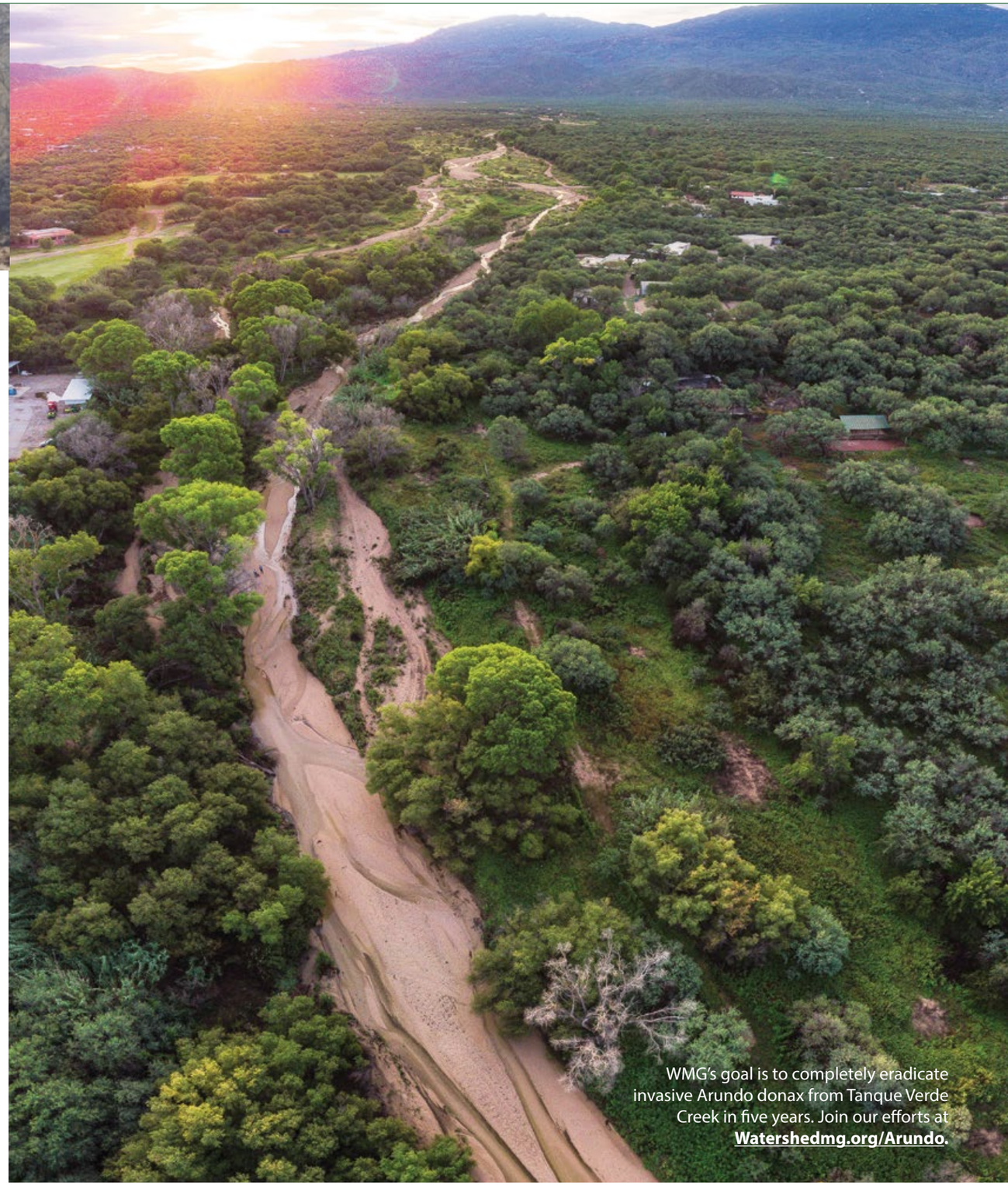
Although the water shortage we face is a big challenge, we can be a small part of that solution. We've seen water flow come back to areas we've cleared Arundo from. And we want you to be a part of that change. As part of my internship project, I'm out there almost every Saturday, so come join us! Help us conserve our water for the future.

Cada día, me levanto, voy a clases, voy a mi trabajo, y vivo mi vida. Y cada día, tomo mucha agua porque todos necesitamos agua para vivir. Cuando era niño, era fácil pensar que el agua era casi infinita, solo tenía que abrir el lavabo y allí estaba. Todavía hoy día, es difícil pensar que las necesidades de nuestras vidas están en peligro. ¿Por qué? Ahora, el Río Colorado, de donde nosotros y muchos otros sacamos nuestra agua, está peligrosamente vacío. De hecho, Tucson ha estado en una escasez de agua nivel dos hasta Agosto de 2022.

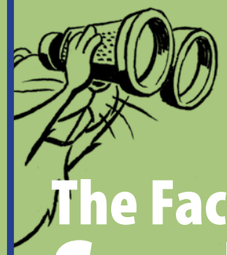
Es por esto que muchas personas temen por el futuro de nuestros sistemas del agua y su sustentabilidad. Aunque la acción humana es una gran parte del uso de agua total, hay otros factores en juego. Específicamente las plantas invasivas como Arundo donax, que toma de 3 a 4 veces más agua que las especies nativas. El Arundo es una planta alta, parecida al bambú, y sorprendentemente es un tipo de zacate. Crece hasta veinte pies (6 metros) de alto, su alto y rápido crecimiento es una de las razones por las cuales esta planta toma tanta agua. De hecho, ¡el Arundo puede crecer 2.5 pulgadas (6.35 centímetros) en un día! Esto significa que el Arundo es muy bueno para ocupar espacios húmedos y desplazar plantas nativas tomando su agua y su espacio.

¡Pero hay esperanza! Nosotros con WMG ya quitamos 40 toneladas (36,287 kilogramos) de Arundo en la temporada pasada (en primavera). Estamos agradecidos con nuestros dedicados voluntarios. Con más ayuda, ¡podemos erradicar todo el Arundo de la cuenca del Tanque Verde en 3 a 5 años!

Aunque la escasez de agua es un gran desafío, podemos ser una parte pequeña de la solución. Hemos visto que el flujo de agua regresa a las áreas en las que hemos erradicado Arundo. Y queremos que tu seas parte del cambio. Como parte de mi proyecto de pasantía con WMG es asistir a los eventos de restauración, estoy allí cada sábado. Ven y ayúdanos a conservar nuestra agua para el futuro.



WMG's goal is to completely eradicate invasive Arundo donax from Tanque Verde Creek in five years. Join our efforts at **Watershedmg.org/Arundo.**



The Facts about San Pedro Beavers

1900

1905: Zero beavers. Beavers exterminated by trappers along the San Pedro in Arizona and Sonora, Mexico.

1950

1999: 16 beavers introduced to the San Pedro Riparian National Conservation Area (SPRNCA) in Arizona.

2010: 100+ beavers estimated in SPRNCA.

2019: SPRNCA population collapses with very few beavers and dams seen. Accounts of beavers downstream and upstream in Mexico.

2020: 12-15 beavers estimated in SPRNCA by community-led population survey.

2021: 16-20 beavers in the SPRNCA and 20-30 in Sonora area estimated through WMG survey

2000

WMG interns and staff get trained to lead beaver survey groups along the San Pedro River. Left to right: Andrea Troyer, River Run Network Coordinator; Lauren Monheim, River Run Network Program Manager; Trent Blomberg, Conservation Biology Intern; Matthew Jensen & Julia Olsen, River Run Network interns

Looking up through a vent hole in a beaver lodge. Beavers build lodges in the river banks along the San Pedro River.

Fresh beaver chews are recorded by community science volunteers in WMG's Survey123 app.

BINATIONAL BEAVER SURVEY COLLABORATION CONTINUES

120 people help count San Pedro River beavers

By **Trent Blomberg**, Conservation Biology Intern

WMG's Release the Beavers campaign, part of the River Run Network, aims to bring beavers back to southern Arizona. Beavers are critical to restoring local watersheds because they help promote healthy desert creeks and rivers by building dams that slow down creek and river flow, a process that helps flowing water sink into the aquifer below and recharges groundwater. A key activity of the campaign is WMG's annual binational beaver surveys along the San Pedro River in the U.S. and Mexico. Monitoring current beaver populations allows us to understand their current and potential future impact on rehydrating watersheds.

Our 2nd annual beaver survey covered approximately the same area as 2021 and was done through five different survey days in November 2022 and February 2023. More than 100 WMG staff, interns, and volunteers surveyed approximately 40 miles of riparian areas within the San Pedro Riparian National Conservation Area (SPRNCA) from the U.S.-Mexico border to St. David, AZ. The Mexico survey was done with about 20 participants from a collaboration of organizations including WMG, Sonora based non-profits Profauna and Naturalia, the Mexican governmental agency Comisión Nacional de Áreas Naturales Protegidas (CONANP), Borderlands Restoration Network, and the National Park Service. The surveys involved hiking along the river to search and record evidence of beaver activity, including beaver tracks, tree chews, dams, and lodges.

Initial results indicate a consistent beaver population in Mexico compared to last year but a slight decline in the beaver population in the U.S. This is troubling news for the U.S. population, which has been in decline since sometime after 2010. WMG will continue to advocate for additional beaver reintroductions in southern Arizona and will use the results of this year's survey to highlight that need.

Continúa la colaboración con el Monitoreo Binacional de Castores

120 personas ayudan a contar castores del Río San Pedro

La campaña Release the Beavers de WMG, que es parte de La Red del Río, tiene como objetivo traer de vuelta a los castores al sur de Arizona. Los castores son fundamentales para restaurar las cuencas hidrográficas locales porque ayudan a promover la salud de los arroyos y ríos del desierto al construir represas que ralentizan el flujo de arroyos y ríos, un proceso que ayuda a que el agua fluya hacia el acuífero y recarga el agua subterránea. Una actividad clave de esta campaña es el monitoreo binacional de castores de WMG que se hace cada año a lo largo del Río San Pedro en E.U.A. y México. El monitoreo de las poblaciones actuales de castores nos permite comprender la salud de su población y abogar por más esfuerzos de restauración que incluyen castores en las cuencas binacionales de San Pedro y Santa Cruz.

Nuestro 2do monitoreo anual de castores cubrió aproximadamente la misma área que en el 2021 y se realizó durante cinco días en noviembre de 2022 y febrero de 2023. Más de 100 empleados, pasantes y voluntarios de WMG recorrieron aproximadamente 40 millas en áreas ribereñas dentro de San Pedro Riparian National Conservation Area (SPRNCA) desde la frontera de E.U.A. y México hasta St. David, AZ. El monitoreo en México se realizó con unos 20 participantes, gracias a la colaboración de organizaciones interesadas en los castores, incluidas WMG, dos organizaciones sin fines de lucro con sede en Sonora: PROFAUNA y Naturalia, la agencia gubernamental mexicana Comisión Nacional de Áreas Naturales Protegidas (CONANP), Borderlands Restoration Network, Sky Island Alliance, el Servicio de Parques Nacionales de E.U.A., así como otros voluntarios. Los monitoreos incluyeron caminatas a lugares remotos y de difícil acceso, a lo largo del Río San Pedro y algunos de sus tributarios para buscar y registrar evidencia de actividad de castores como huellas, árboles masticados, represas y madrigueras.

Los resultados iniciales indican una población constante de castores en México en comparación con el año pasado, pero una ligera disminución en la población de castores en los E.U.A. Esta es una noticia preocupante para la población de los E.U.A., ya que ha ido en declive desde el 2010. WMG continuará abogando por adicional reintroduccion de castores en el sur de Arizona y utilizará los resultados de la encuesta de este año para resaltar esa necesidad.

A celebratory moment with capital donors and project funder Arizona Lottery at our Learning Center Construction Showcase on March 16th, 2023.

WMG's Hydro-Local Classroom Needs Your Support

Help raise the final $78,000 to complete the Learning Center

Update:

To complete this project, we need additional support to raise the final $78,000

After two years of planning and getting donor support, the construction of the Learning Center began in January at the Living Lab. Our gratitude goes out to the 63 donors who have given a collective $446,000 towards our $525,000 goal. To complete this project, we need additional donor support to raise the final $78,000.

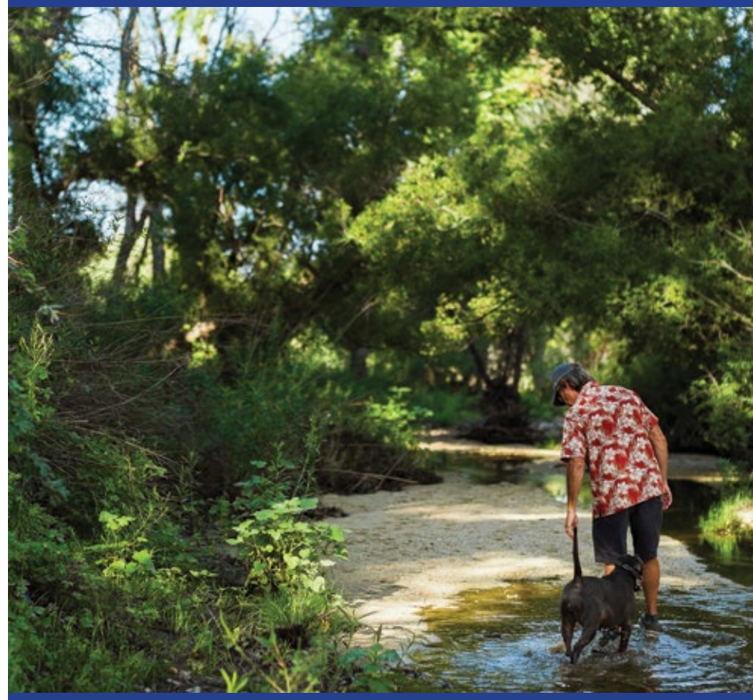
Since inheriting the Dodge Blvd. property in 2012 from donor Marguerite Fisher, Watershed Management Group staff, donors, and volunteers have invested in creating the Living Lab as a community hub and a leading demonstration site of watershed resilience. The Living Lab features water harvesting, native habitat, food forests, passive solar energy, and zero waste systems… culminating in a campus primarily sustained by rainwater, even for drinking!

Thousands of people visit WMG's Living Lab and Learning Center annually, participating in tours, workshops, family programs, green job trainings, and social events. They leave seeing it's possible to meet all our water needs with local, renewable water supplies, while giving back and caring for our desert home.

However, the demand for our services has outpaced our resources and infrastructure. Many of our programs require a large, multi-purpose space that we can operate with larger groups, rain or shine, and in the winter and hot summer months. **With increasing water shortages and climate impacts in the Southwest, it's more important than ever to have adequate space to teach about hydro-local water solutions.**

With your gift to the Learning Center, we can scale up our impact and accommodate regular school groups, family activities, collaborations, and the unique needs of today's in-person and virtual classes.

Learn more and make your gift at Watershedmg.org/Learning Center.



Legacy Giving: Free Will

For twenty years, WMG has been developing community-based solutions to ensure the long-term prosperity of people and health of the environment. Your support helps shift our communities from being water consumers to water stewards, and we're so grateful to have you with us.

As we envision a world where the relationship between communities and the environment creates prosperity for all, we're excited to announce a new partnership that allows our entire community to build security for all they love! We're partnering with FreeWill: a free online resource that can help you create or update your will in just 20 minutes.

We know that will-writing can be expensive and overwhelming. But we believe that every challenge has a solution, so that's why we are working with FreeWill: a group of 200+ lawyers, designers, engineers, nonprofit professionals, and others committed to making estate planning more accessible.

We're happy to share the FreeWill resource with our community. **Visit Freewill.com/WMG to access this free resource and to create a will and document your wishes.** There you can even make an optional gift in your will to WMG, toward restoring and protecting the waters we care about and ensuring a healthy water future.

2022 Funders, Sponsors, and Partners

Grant and Foundation Funding

Arizona Department of Environmental Quality
Arizona Lottery
Arizona State Forestry Division
Baird Foundation
City of Tucson - Tucson Water
Community Foundation of Southern Arizona
Desert Diamond Casino
EPCOR
Freeport McMoRan, Inc.
Gulf Coast Community Foundation
Jeff and Connie Woodman Foundation
Lester & Millie Rosen Foundation
Nature Conservancy
Network for Landscape Conservation
One Tree Planted
Pima County Community and Workforce Development
River Network
River Styx Foundation
Second Nature
Southwestern Foundation for Education and Historical Preservation
The Stonewall Foundation
University of Arizona
US Fish and Wildlife Service
US Forest Service

Business Sponsors

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City of Tucson - Tucson Water
Cox Farms Virginia, Inc
Desert Rose Collective
EcoSense Sustainable Landscapes, LLC
Eighty-Eight Acres
Galaxy Gardens AZ
Garver, LLC
Hidden Valley Homeowner's Association of Tucson
HomeGo
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Nature Conservancy
Net Zero Solar LLC
Originate Natural Building Materials
Phoenix Accident and Injury Law Firm
Productive Patches LLC
Salt River Project
Sendero Medicine, PLLC
Sierra Club - Grand Canyon Chapter
Smiling Dog Landscapes
Solar United Neighbors of Arizona
Southwest Gas
Stewart Law Group
Tank's Green Stuff
Technicians for Sustainability
Texas Instruments
Tierra Buena Home & Garden
Westgate Garden Design
Whisky Del Bac
Why I Love Where I Live

Tucson Region Partners

Amphitheater High School
Arizona Conservation Corps
Arizona Department of Environmental Quality
Arizona Game and Fish Department, Tucson Aquatic Wildlife Program
Arizona Master Naturalist Association
Arizona Project Wet
Arizona-Sonora Desert Museum
Barrio Kroeger Lane
BICAS
Borderlands Restoration Network
Bureau of Land Management
CK Blueshift
Ciénega Watershed Partnership
City of South Tucson
City of Tucson Department of Transportation & Mobility
City of Tucson Parks and Recreation
City of Tucson, Ward 3 Council Office
City of Tucson, Ward 6 Council Office
Coder Dojo
Community Gardens of Tucson
Crafting Kind Kids
Devereux Advanced Behavioral Health
Earth Grant
Favor Celestial
Flowing Wells Neighborhood Association
Freeport-McMoRan Sierrita Operations
Girl Scouts of Southern Arizona
John E. White Elementary School
Laguna Elementary School
Local First Arizona
Mission Gardens
National Forests Foundation
National Park Service - Saguaro National Park
National Phenology Network
New Hope Church
Palo Verde Neighborhood Association
Pima Association of Governments
Pima County Cooperative Extension, University of Arizona
Pima County Libraries
Pima County Native Plant Nursery
Pima County Office of Sustainability & Conservation
Pima County Regional Flood Control District
Pima County Regional Wastewater Reclamation Dept.
Pueblo High School
San Xavier District of the Tohono O'odham Nation
Satori Charter School
Sky Island Alliance
Sonoran Environmental Research Institute (SERI)
Sonoran Institute
St. Cyril of Alexandria Catholic School
Sunnyside High School
Sustainable Tucson
Tanks Green Stuff
The Drawing Studio
The Fox Theater
The Garden Kitchen
The Sierra Club - Grand Canyon Chapter
Tinkergarten
Tohono Chul
Tucson Audubon Society
Tucson Water Department
U.S. Forest Service, Coronado National Forest Catalina District
U.S. Forest Service, International Programs
University of Arizona
- Bureau of Applied Research in Anthropology
- College of Education
- School of Natural Resources & the Environment
- Student Engagement & Career Services
- Water Resources Research Center

Wakefield Middle School
YWCA House of Neighborly Service

Phoenix Region Partners

Arizona Sustainability Alliance
City of Glendale
City of Surprise
Eighty Eight Acres
EPCOR
Fountain Hills Community Garden
Four Peaks Brewery
The Nature Conservancy - Phoenix
Trees Matter

Mexico Partners

EJIDOS - San Pedro Watershed
Comisión Nacional de Áreas Naturales Protegidas (CONANP)
Naturalia A.C.
Protección de la Fauna Mexicana A.C. (PROFAUNA)
Parroquia de Guadalupe en Cananea

Other Partners

Americorps
Arizona State University
Groundwork Denver

2022 Financial Report

Revenue and Support

Donations	396,643
Capital Donations Learning Center	200,405
Program Income	341,263
Grants	299,835
Total Income	**$1,238,145**

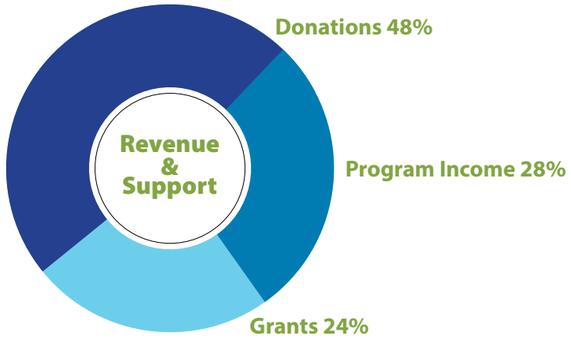
Expenses

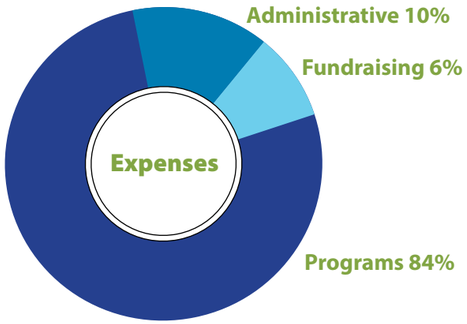
Program Services

Community Conservation (including educational projects at homes, schools, & neighborhoods + green job training & consulting)	356,050
Living Lab & Learning Center: Programmatic expense (including intern & docent program, Family Saturdays, tours, and educational workshops)	137,203
Living Lab & Learning Center: Learning Center Design & Construction	32,350
River Run Network (including education, restoration, watershed planning & policy)	340,004
Watershed Education Outreach	131,055
Total Program Services	**$996,661**

Supporting services

Administrative	119,224
Development	76,684
Total Supporting Services	**$195,908**
Total Expenses	**$1,192,569**





Interns and docents-in-training enjoy a green infrastructure bike tour in the Palo Verde neighborhood near the Living Lab. WMG now offers paid internships thanks to new grant funding and partnership with the University of Arizona, enabling limited income students to participate.

Watershed Management Group
1137 N Dodge Blvd
Tucson, AZ 85716

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Give $20/month for WMG's 20th!

In honor of WMG's 20-year anniversary, go hydro-local with a monthly gift.

$20/month: Funds our Living Lab and Learning Center educational programs

$50/month: Supports WMG's hydro-local policy and planning work

$84/month: Funds River Run Netw Visit Watershedmg.org/Give ork to restore flowing desert rivers and joins our major giving Stewardship Circle

Visit Watershedmg.org/Give