CEDO

ANNUAL REPORT

Centro Intercultural de Estudios de Desiertos y Océanos

Medio Ambiente y Comunidad CEDO

CEDO Intercultural Center for the Study of Deserts and Oceans

cedo.org

CEDO Intercultural is a unique collaboration between U.S. and Mexican nonprofit organizations that, inspired by a shared vision, mission, and strategic programs, bring together resources and expertise to offer realistic environmental and community-based solutions. These efforts recognize, respect, and advance the cultural, socio-economic, and biological interconnections between Mexico and the United States in the Sonoran Desert ecoregion and the Northern Gulf of California.



For more than 44 years, CEDO has worked continuously with the mission to: Foster vibrant communities and resilient ecosystems in the Northern Gulf of California and other ecoregions by integrating people, knowledge, and solutions.
With a vision of: Thriving coastal communities, sustainable livelihoods, and healthy ecosystems!

CEDO operates in the Sonoran Desert along the U.S.-Mexico border, particularly in Arizona, Sonora, and Baja California, as well as in the Northern Gulf of California.

Our operations are based at the Agustín Cortés Building in Puerto Peñasco, on the shores of the Sea of Cortez. The CEDO campus includes administrative and program offices, a laboratory, a library, dormitories, a conference room, an Earthship visitor center, a scientific collection, and an Environmental Management Unit dedicated to the conservation of the native fish of the Sonoyta River. It also features a botanical garden, various educational exhibits, and a gift shop.

CEDO is an environmental organization with a strong educational focus, recognized for our holistic approach that promotes nature-based solutions to protect, manage, and restore the ecosystems that characterize this region. We address key societal challenges to sustainable development in an effective and adaptive manner, demonstrating that healthy ecosystems are essential to human well-being.

WE'RE ALL

We rely on nature for food and water security, health, and disaster risk reduction—issues already impacted by the pressing challenges of our time: population growth, environmental degradation, habitat and species loss, overexploitation of natural resources, and climate change.

CEDO's experience positions us as an organization that builds on its expertise to innovate. Our day-to-day work with local communities gives us the confidence to continue collaborating with stakeholders in pursuit of long-term change and scaling regional experiences to other geographies.

Our results demonstrate that, with solid scientific, social, and cultural knowledge—and through coordinated work with various actors in the region—we can achieve lasting change for the benefit of all.

INTERCONNECTED

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José Ernesto Bermejo, Legal Advisor























Our Team

from top to bottom, from left to right

Abelardo Castillo,
Senior Specialist in Social Geography and Wildlife
Alan Gil Lafón,
Academic Services and CEDO Xperiences Manager
Alma Gpe. Valdenebro,
Deputy Director of Administration and Finances
Angeles Sánchez,
Biodiversity Conservation and Citizen Science Manager
Daniel Pinto Santana,Monitor
Eleazar López,
Fisheries and Aquaculture Specialist
Elia I. Polanco,
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Principal Researcher and Coordinator for Climate Change and Ecosystem Management
Juan Carlos Barrera,*Program Deputy Director*
Kay Hoening,
Senior Development Specialist
M. Lourdes Fernández, *Festival Coordinator*
Mario Jesús López Castro, *Gift Shop Specialist*
Mary Huerstel,
Finance and Administration Senior Specialist
Nélida Barajas, *Executive Director*
Paloma A. Valdivia, *Education Manager*
René D. Loaiza,
Fisheries and Aquaculture Manager
Socorro González
Communications Specialist

Partners and Collaborators

Alani Anna *Alas Weakley*, **Ariana Marlene** *Perea de León*, **Camila Ariatna** *Fierro Hernández*, **Catalina Mariel** *Olvera Flores*, **David** *Petatán Ramírez*, **Diana Guadalupe** *Madero Cota*, **Ernesto Alonso** *Gastélum González*, **Rafael Javier** *Durán Reyes*, **José Refugio** *Salazar Rodríguez*, **Gabriela** *Cruz Piñón*, **Christian** *Salvadeo*, **Héctor** *Reyes Bonilla*, **Janely Guadalupe** *Camacho Sosa*, **Leonardo** *Vázquez Vera*, **Claudia Rebeca** *Navarrete Torices*, **Lizbeth** *Baeza Aguirre*, **José Manuel** *Dorantes Hernández*, **Consuelo** *Arceaga Lamas*, **Manuel de Jesús** *Muñoz Espinoza*, **María Fernanda** *Fuentes Zendejas*, **Mikayla Isabel** *Miller*, **Naily Dariana** *López Gil*, **Sebastián Alejandro** *Seldner Fraijo*.

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RESULTS

ENJOY

Conservation, species, ecosystems, wildlife, citizen science, sea turtles, whales, least tern, sea lion, freshwater desert fish.



Biodiversity conservation & citizen science

Desert Freshwater Fish
In 2024, this project achieved its expected impact by increasing the populations of Cyprinodon eremus and Agosia chrysogaster in five ex situ refuge ponds. The work was carried out in collaboration with five institutions and emphasized the importance of these native species to the communities of Sonoyta and Puerto Peñasco.

I. Binational Collaboration
CEDO participated in the 7th Desert Symposium in Ajo, Arizona (March 4–7, 2024), as well as the Mesoamerican, Trilateral, and G-Nen Congress in Álamos, Sonora—both key gatherings of regional experts. Collaboration continued with SAGARHPA and DGVS, and new steps were taken with CONAPESCA. We also strengthened ties with Organ Pipe Cactus National Monument and CEDES. Funding and administrative procedures remain areas where increased partnerships are needed.

II. Protection
The Wildlife Management Unit (UMA) completed its third year of conservation efforts, with PROFEPA officially recognizing the legal origin of C. eremus and A. chrysogaster.

III. Infrastructure
We supported the maintenance of pupfish populations across the refuge network, addressing pond needs and serving as technical stewards.

IV. Education
Local communities in Sonoyta were educated on native fish species through outreach programs targeting elementary, high school, and undergraduate students.

By the Numbers >>>
- 12 monitoring efforts for A. chrysogaster and C. eremus at five ex situ refuges
- 1,000 C. eremus at the COBACH Sonoyta pond post-renovation (2023)
- 360 C. eremus at the CETMAR Puerto Peñasco pond
- 260 C. eremus and 560 A. chrysogaster at the CEDO Intercultural pond
- Participation in the Ajo Festival and scientific congresses: 250 attendees
- 12 schools engaged in awareness activities across Sonoyta and Puerto Peñasco



Least Tern (Sternula antillarum)

CEDO participated in the Least Tern (Sternula antillarum) Study Group, which focuses on the Baja California Peninsula and the northwestern coast of Mexico. The Ramsar sites at the estuaries of Bahía San Jorge and San Francisquito host the most stable colonies of this species in Sonora, with over 13 years of monitoring led by community monitors.

I. Collaboration

Collaborative efforts began with Pro Esteros A.C., CICESE, Consultora Ryan, and the Community Monitoring Network of the Upper Gulf of California.

II. Protection

Community monitors were trained to assess tern populations. No nesting was recorded at Estero Morúa during 2024.

III. Education

Informational signage was installed at the wetlands of Morúa and the Ramsar sites of Bahía San Jorge and San Francisquito.

By the Numbers >>>

- 6 visits to La Purinera nesting area and 2 to San Francisquito
- 129 nests recorded at Bahía San Jorge
- 216 eggs documented across Bahía San Jorge and San Francisquito
- 526 adult terns observed in flight during monitoring
- 1 scientific article submitted with project findings

Marine Mammals

I. Collaboration

Whale Watching

Collaboration was maintained with a multi-stakeholder group including the Municipal Government of Puerto Peñasco, Port Authority, PROFEPA, SEMARNAT, and local whale-watching tour operators.

Sea Lions

CEDO continued working with the 'Lobos de Campodónico' community monitoring group and partnered with schools to monitor sea lions on San Jorge Island.

II. Protection

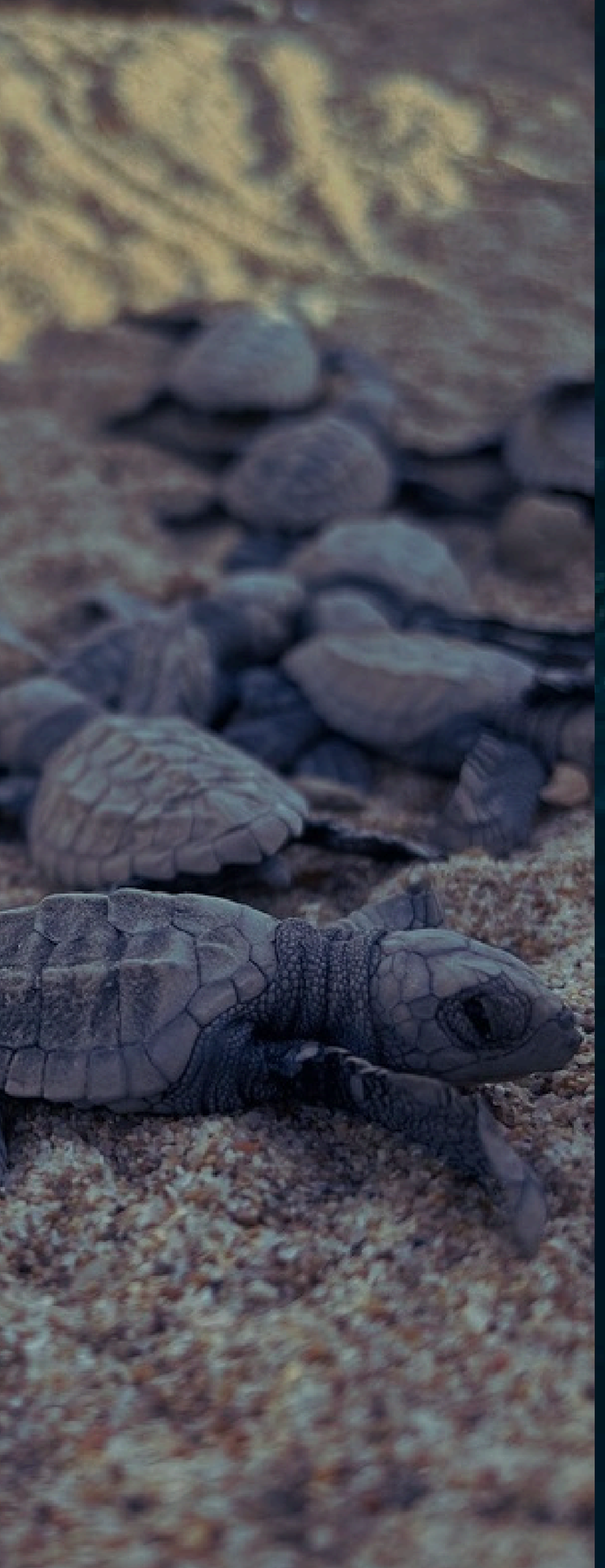
We provided guidance on NOM-131-SEMARNAT-1998, which outlines standards and specifications for whale-watching activities.

III. Education

Tour operators were trained in best practices, whale biology and behavior (specifically Balaenoptera musculus and B. physalus), and permit application procedures with DGVS.

By the Numbers >>>

- 5 whale-watching meetings held, including the Best Practices 'Workshop'
- 15 tour companies received permit guidance
- 13 permit applications submitted to SEMARNAT (Hermosillo office)
- 48 individuals trained (tour operators, authorities, and general personnel)



Sea Turtles

I. Collaboration
The Jñar Ñawaa Turtle Camp received its non-extractive use permit and was prepared to house up to three ex situ nests to date.

II. Protection
Four sea turtle nests were protected during the nesting season in Puerto Peñasco.

III. Infrastructure
The turtle camp was installed on the CEDO Intercultural campus, and ongoing maintenance continues according to DGVS permit guidelines.

IV. Education
A permanent interactive room was established at Jñar Ñawaa to promote sea turtle conservation.

By the Numbers >>>
- 1 interactive exhibit on the importance of sea turtles in the Gulf of California
- 499 sea turtle eggs protected
- 4 nests safeguarded at the "Jñar Ñawaa" (House of Turtle) turtle camp
- 3 nests protected in their natural habitat
- 61 sea turtles released
- 6 training sessions delivered to the real estate sector and tourism service providers
- Over 100 people trained in sea turtle conservation and protection in Puerto Peñasco

Operations
Maintenance of the UMA facilities, including fish ponds and the botanical garden, was carried out throughout the year.

Trainings / Courses / Meetings Attended
- Participation in white shark topics in Puerto Peñasco
- Workshop: 'Assessing the Impacts of Climate Change on Small-Scale Fisheries Using Deep Learning'
- Virtual session on the importance of sea turtle camps
- Virtual session on reforms to promote voluntary conservation in Sonora
- Meeting with Organ Pipe National Park and field visit to Quitobaquito, Arizona

Peggy Turk Boyer Scientific Collection

I. Collaboration
Partnerships with academic institutions such as Cam Montealban Montessori and CETMAR 14 supported the development of students in biology and conservation.

II. Infrastructure
Curation of the scientific collection 25 reptiles.

III. Education
Photographic materials were organized into folders (reptiles, fish and invertebrates, marine mammals, and sea turtles). Citizen science initiatives were promoted, including data on reptiles, strandings, nesting, sightings, and desert fish, as part of certification work with Sandy, Colegio Newland, and Cam Montealban Montessori.

By the Numbers >>>
- 5 educational talks on biodiversity in the Sea of Cortez
- 3 students began their professional internships and social service
- 76 species records uploaded to iNaturalist (including reptiles, strandings, nesting, sightings, and desert fishes)

Empowerment, capacity building, value recovery, Fisheries Improvement Projects, Fishing Refuge Zones Network.

Sustainable fisheries & aquaculture

In 2024, CEDO advanced socio-environmental solutions by continuing to implement Fisheries Improvement Projects (FIPs), various stages of the MRV Value Rescue Model, and the promotion of fisheries governance through the formalization of a network of fishing refuge zones. These efforts directly involved 44 women and 75 men.

Fisheries Improvement Projects (FIPs)

We supported fisheries targeting swimming crab, white clam, finfish, and Chionista clam, focusing on improving efficiency, governance, and management practices under a comprehensive environmental workplan and within a framework of human rights and social responsibility.

MRV Value Rescue Model

CEDO provides technical assistance to help communities improve infrastructure, equipment, and capacities, enabling access to government and philanthropic resources. These actions are enhancing the ability of three community groups to better manage their fisheries, add value to their products, access markets, generate jobs, increase income, and adapt to climate change.

Three seafood processing plants, linked to the swimming crab, white clam, and finfish fisheries, are currently at different stages of development and have received support for financing and training.





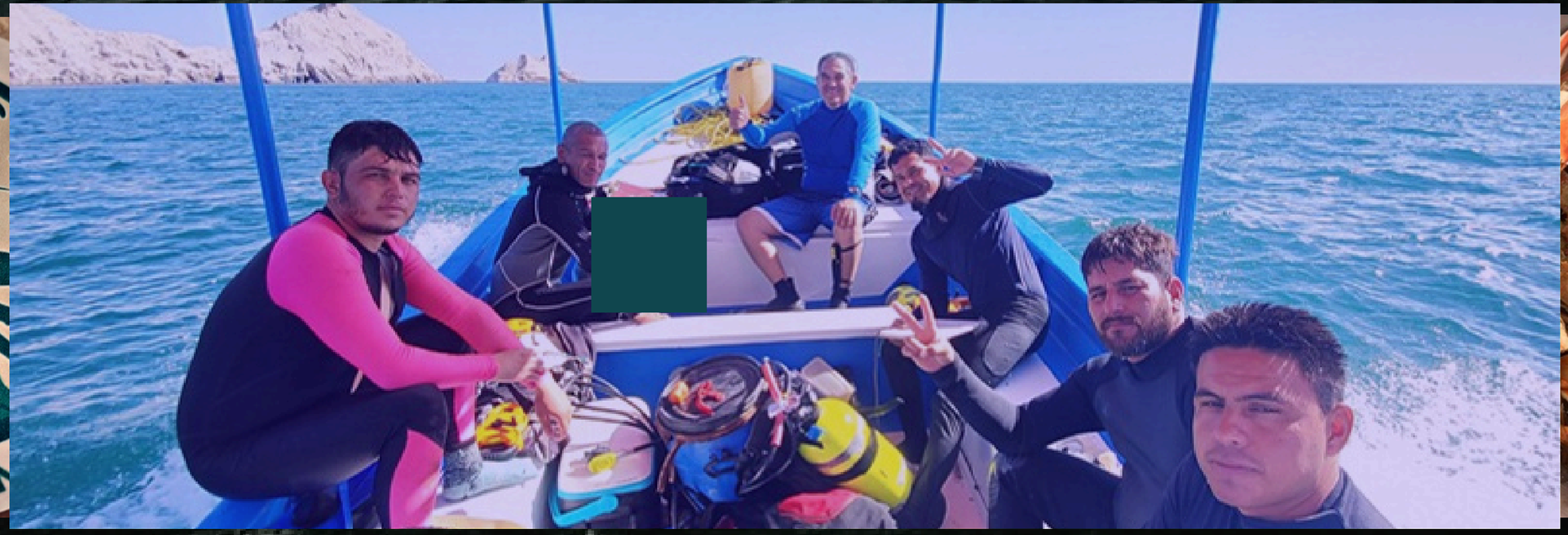
Culinary Conservation

CEDO has promoted culinary conservation and informed decision-making among students, restaurateurs, seafood distributors, and the general public through two fairs, one festival, and two tastings.

Fisheries Management and the Fishing Refuge Zones Network

In collaboration with communities, academia, and government agencies, CEDO is promoting community-based and rights-based fisheries management. This includes the formalization of a network of 25 fishing refuge zones spanning approximately 64,000 hectares. These zones were strategically selected by consensus to ensure larval dispersal and the conservation of critical habitats essential for the recovery of the region's key fisheries.



















By the Numbers

1 ***Fisheries Improvement Projects (FIPs)***

- Four fisheries under active FIP: swimming crab, white clam, Chionista, and finfish
- 184 tons of crab and 32 tons of white clam produced under FIP schemes

2 ***Culinary Conservation***

- Five chefs from renowned restaurants participated
- Sustainable seafood promoted at two fairs, one festival, and two tastings

3 ***MRV Value Rescue Model***

- Three community groups at different stages of implementation
- Three processing plants supported with financing and training

4 ***Fisheries Management and Refuge Zones Network***

- Five commercial divers from three communities trained in underwater monitoring of fish, invertebrates, substrate, and habitat structure
- 64,000 hectares promoted as part of the Puerto Peñasco–Puerto Lobos Fishing Refuge Zone Network, contributing to Mexico's 30x30 global conservation goal

"The holistic and collaborative work of CEDO's Fisheries, Wellbeing, Education, Science, Conservation, Communications, and Administration programs—along with support from authorities and institutions—has allowed us to instill principles of sustainable development in coastal communities of the Northern Gulf of California, strengthening the social fabric, resilience, and adaptability to change."

KEYWORD

Sustainable community development, resilience, collaborative action, education, safe water, disaster risk reduction, community awareness, first responders, climate justice, community participation, access to information.

Community Wellbeing

During 2024, CEDO actively worked in two states and five municipalities in the Northern Gulf of California, collaborating in the sustainable development of ten coastal communities: San Felipe, El Mayor Cucapa, Golfo de Santa Clara, Puerto Peñasco, Ejido Rodolfo Campodónico, Oribe de Alba, 15 de Septiembre, Ejido Álvaro Obregón, Desemboque de Caborca, and Puerto Lobos, under the following strategic actions:

Community Agendas

Community agendas guide action implementation, allowing communities to self-manage local solutions through actions in four key areas:

1. Building resilient communities.
2. Promoting governance.
3. Strengthening capacities.
4. Empowering women, youth, and elders.

CODEC

In the Northern Gulf of California, the Committee for Economic and Community Development of the Upper Gulf of California (CODEC) held two general meetings and 13 meetings by strategic lines with the participation of more than 40 members. CODEC participants include federal, state, and municipal authorities, civil society organizations, and community leaders.

Women and Youth

- The community project "Women of the Desert and the Sea" from Ejido Rodolfo Campodónico strengthened their capacities, organization, and equipment to process crab from the FIP.
- The Cucapah First Nation received advice on territory issues.
- Youth from Ejido Rodolfo Campodónico enrolled in the federal program “Jóvenes Construyendo el Futuro.”







Disaster Risk Reduction

In 2024, we conducted community consultations to identify hydrometeorological risks in the context of climate change, gathering geographic and statistical information, as well as educational and communication materials for integration into a database.

Water: Making the Invisible Visible

During 2024, we hosted nine joint meetings and field activities, directly impacting more than 119 people from various communities. This effort allowed us to diagnose key problems, such as water quality, poor infrastructure, ineffective financial management, and the lack of education on responsible consumption. Among the most notable achievements was the physicochemical analysis of 18 water samples, which established a baseline to evaluate the presence of contaminants such as heavy metals.

We also promoted the restoration of the well in Ejido 15 de Septiembre and formulated three technical proposals to address critical needs. In terms of education, we began efforts to train young people as "Community Water Guardians" and advance water culture in schools and community meetings. We have consolidated strategic alliances with Oomapas and laid the foundations to implement solutions in 2025, such as water purification and saving technologies, sectorization of hydraulic networks, and technical-economic evaluation for the implementation of photovoltaic systems in pumping.

2024 leaves us with valuable lessons, tangible achievements, and a clear path towards water sustainability in these communities, reaffirming our commitment to work alongside communities and key stakeholders to ensure equitable, safe, and sustainable access to water, strengthen local management capacity, and promote a culture of respect and care for this vital resource.









By the Numbers

1

Community Agendas

- Three community agendas implemented (San Felipe, El Mayor Cucapa, and Golfo de Santa Clara).
- Thirteen meetings to address the community agendas.
- Twenty-one actions from the community agendas.
- One citizen committee formalized with installation minutes and regulations, aiming to work organized in implementing the community agenda of Golfo de Santa Clara.
- One collaboration agreement with COBACH San Felipe to promote a project with young people.

2

Women and Youth

- Forty-eight women participating in diverse activities
- Ten workshops, meetings, and training sessions to improve skills and capacities
- Four young people from Ejido Rodolfo Campodónico beneficiaries of the "Jóvenes Construyendo el Futuro" federal program.

3

CODEC

- More than 25 people participating in the initiative
- An updated work plan, developed collaboratively by all members, aligned with the current situation.

4

Disaster Risk Reduction Project

- Four meetings for presentation and invitation to the project
- Two youth training sessions
- One GIS database under development

5

Water Program Outreach in Six Communities

- Six communities improved water management
- Three water infrastructure solutions implemented
- 119 people from the communities actively participating (58 women, 61 men).

KEYWORD

Climate change, research, artisanal fisheries.



Climate change & ecosystem management

During 2024, CEDO strengthened its leadership in climate change research, consolidating its participation in an interdisciplinary working group in collaboration with the Autonomous University of Baja California Sur and the Interdisciplinary Center for Marine Sciences-IPN. As part of this group, CEDO participated in two projects focused on understanding the vulnerability of the country's coastal communities to climate change and the risks faced by fishing cooperatives. The group also supported cooperative members and communities in identifying immediate risks and planning adaptation actions.

Members of the research program presented at five scientific forums and two virtual conferences. Through the Climate Change Research Group and in collaboration with the Mexican Institute for Sustainable Fisheries and Aquaculture Research and the National Commission for Protected Natural Areas, CEDO provided a workshop and technical training to increase the capacity of 48 researchers and resource managers to understand, develop, and apply climate change research.







CEDO also conducted cutting-edge research, developing artificial intelligence models to predict artisanal fisheries catch in the Gulf of California in response to temperature. The results were directly communicated to 15 participants in the fisheries production chains.

In 2024, CEDO continued conducting research focused on fisheries and marine ecosystems, publishing two articles in indexed journals and reviewing three others. This includes an analysis of the perceptions of climate change among fishermen and aquaculturists in the Northern Gulf of California, based on interviews with 50 people.

As part of the Fisheries and Aquaculture Festival, CEDO conducted the Climate Change Workshop Panel, aimed at strengthening the technical capacity of participants. The event provided a space for discussion where experts and industry members explored the challenges and opportunities of climate change in the fisheries sector. A total of 18 participants engaged in conversations on adaptation and mitigation strategies, fostering knowledge exchange and collaboration.

KEYWORD

Working skills, certification, capacity building, good fishing practices, added value, women entrepreneurs

Education & School of the Sea

In 2024, the School of the Sea renewed its accreditation as a certification and evaluation entity for labor skills (ECE475-21) from the Federal Program CONOCER (National Council for Standardization and Certification of Labor Skills). This allows us to continue building capacity and professionalizing our community partners in their respective fields, promoting their employability, and improving their income.

A new curriculum was developed in collaboration with the Baja California Ministry of Fisheries and Aquaculture, SEPESCA, for fish leatherwork and scale crafts.

Beneficiaries include fishermen and fisherwomen from Puerto Peñasco and Ejido Rodolfo Campodónico in Sonora, and in Baja California, community members from San Felipe, and the Cucapah First Nation (communities El Mayor, El Indiviso, and Pozas de Arvizú).

CEDO staff and four fishing and aquaculture entities participating in the MRV were trained in good manufacturing practices for fishery products, standardized sanitation operating procedures, and financial record-keeping to add value to their fishing/aquaculture products and ensure their quality and safety from boat/culture to commercialization.











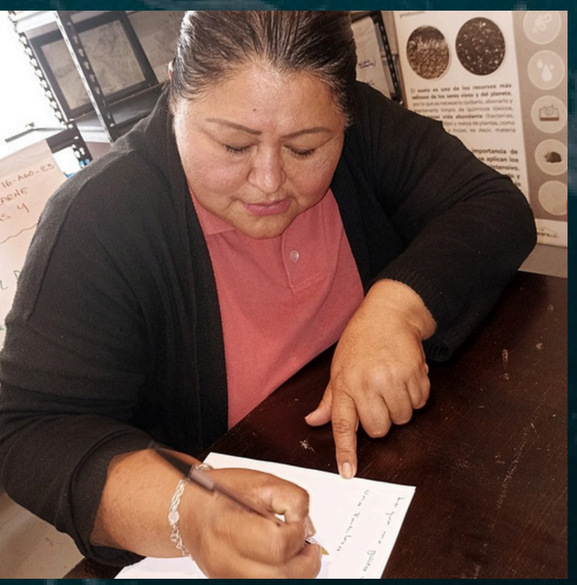


The "Women of the Desert and Sea" (a community-based enterprise of women from Ejido Rodolfo Campodónico that add value to the FIP swimming crab fishery of the SCPPE Bahía San Jorge) received specialized consulting from Proempleo, thanks to collaboration with Penmont-Fresnillo Mining Company. As a result, they developed a financial model, created social media accounts, a business profile on Google Maps, and an institutional email. Additionally, they were trained in communication skills and acquired most of the equipment needed to start processing swimming crab. They conducted processing tests and participated in gastronomic exhibitions such as the Feria del Mar in Nogales, Son., the Arena y Vino Festival in Puerto Peñasco, and the Regional Festival of Sustainable Fishing and Aquaculture 2024 in La Paz, BCS.

The Puerto Peñasco Tourist Police and security guards from Sandy Beach developments were trained in the natural history of the Northern Gulf of California, its biodiversity, and actions they can take for its conservation, as part of the beach certification requirements.









By the Numbers

1 • **Seven** accreditations in different standards ensuring excellence in the operation and services of our community partners.

2 • **Thirty-two** fishermen and fisherwomen from the region achieved labor skills certification.

3 • **Fifteen** members of the Cucapah First Nation (mostly women) were trained in fish leatherwork and scale crafts.

4 • **Ninety-three** fishermen and fisherwomen were trained in various technical topics to add value and ensure the quality and safety of their fishing products as part of the MRV.

3 • **Twelve** Women of the Desert and Sea advanced in their crab processing venture by consolidating their business planning, acquiring equipment, strengthening their technical and soft skills, and promoting their products.

4 • **Twenty-three** members of the tourist police and security guards from Sandy Beach were trained in the natural history and biodiversity of the region.

In Summary

In 2024, CEDO's Education and School of the Sea Department had a transformative impact on nine communities in the Northern Gulf of California, strengthening job skills, providing technical and soft skills, promoting economic and social self-sufficiency among vulnerable groups, improving production chains with a focus on sustainability, and promoting the conservation of the natural environment through the adoption of responsible practices.

Academic Services & CEDO Xperiences

In 2024, CEDO Xperiences welcomed educational institutions and students through specialized environmental education programs and ecotourism activities. Our Visitor Center also hosted hundreds of individuals who toured our facilities, enjoying unique experiences that connected them to the natural environment.

A key achievement was the launch of the CEDO Caravan, an initiative that brought environmental education and culture to Puerto Peñasco.















In addition, we organized impactful events such as the Art and Music Festival, Seaside Weekends, and Environmental Afternoons. We also strengthened our partnerships with external events like RYLA (an intensive leadership experience organized by Rotary clubs) and the Arena y Vino Festival.

In total, CEDO Xperiences directly impacted over 3,241 individuals, positioning itself as a leader in environmental education, culture, and ecotourism in Puerto Peñasco and the surrounding region.

By the Numbers

- 15 educational institutions
- 573 students
- 20 ecotourism activities
- 307 visitors
- 31 nights of lodging for 115 people
- 1,529 CEDO Caravan participants

Strategic communication, donor development, online presence, institutional image, digital positioning, fundraising, capacity building



Communication & Development

Throughout the year, we sent 41 communications through our email marketing platform, Constant Contact, promoting various activities, including:

- 4 editions of CEDO Enews.
- Eblasts for three fundraising campaigns (Arizona Gives, Mid-Year Campaign, and Giving Tuesday).
- Promotion of key projects like the CEDO Caravan, CEDO Xperiences, the Regional Festival of Sustainable Fishing and Aquaculture, and the Tide Calendar.

Our contact database grew to 5,209 records, with email open rates increasing by 3% and click-through rates up by 5% compared to 2023.

Amount Raised Through Campaigns:

Guardians of the Gulf: Sustaining Life, Protecting Whales: **$2,785.37**

Turtles, Your Support for Their Future (Mid-Year Campaign): **$3,741.49**

Turtles, Your Support for Their Future: **$2,605.00**

Permanent Fundraising Campaign on CEDO's Website: **$6,328.00**



Social Media Overview:

Cedo Intercultural Mex
5,766.
6,768
Followers
149

Cedo Intercultural
4,158
4,557
Followers
139

@cedointercultural
1,763
Followers
81
37

Visitor Breakdown

U.S.: 17,991 visitors

Mexico: 1,147 visitors

88.2% of visitors arrived via communication referrals, 10.5% through search engines, and 1.3% via external sites like the University of Arizona, Classy, and Arizona Gives.

At the beginning of 2024, we entrusted the redesign and updating of the CEDO website to an external consultant. However, the results did not meet expectations, and by June, we reverted to the previous design. From June to date, the website had 3,737 visits, 2,397 unique visitors, and 48,057 clicks.

UN Biodiversity Conference COP16 on Convention on Biological Diversity
Participants: Abelardo Castillo
Keywords: Biodiversity
The COP16 on Biodiversity, held in Cali, Colombia, was a significant event for global nature conservation. As part of the Mexican delegation, CEDO actively participated in negotiations and agreements aimed at implementing the Kunming-Montreal Global Biodiversity Framework.
Key outcomes included:

- Strengthening Environmental Governance
- Promoting Inclusion
- Protecting Marine Ecosystems
- Financing for Conservation
- Access to Genetic Resources

CEDO's Contributions:

- Raised awareness about our conservation efforts in the Upper Gulf of California.
- Held a meeting with Mexico's Secretary of the Environment, Alicia Bárcena, to discuss our work.
- Received a software donation from the Environmental Systems Research Institute (ESRI) to enhance CEDO's environmental data management capabilities.
- Participated in IUCN events and supported youth and IPLC forums.

I***nternational Union for Conservation of Nature (IUCN) Regional Forum***
Mexico, Central America & the Caribbean
Participants: Nélida Barajas, Abelardo Castillo, Jim Harkin, Lucille Boilard
As part of the Mexico National Member Committee, CEDO participated in the IUCN Regional Forum, which contributed to shaping the IUCN Global Program and identifying priorities for the next World Conservation Congress in Abu Dhabi (2025). The forum focused on sharing knowledge and collaborating to address environmental and sustainable development challenges.
CEDO's participation highlighted the importance of nature in addressing urgent human challenges like hunger, water scarcity, and climate change. We hosted the Cinema Forum and two side events during the forum.

Next Generation Summit of the Sonoran Desert
The summit was a platform to celebrate alliances, reconnect perspectives, and spark innovative actions for future environmental efforts. For CEDO, it was a moment to celebrate the career recognition award given to our funder Peggy Turk-Boyer and share our programs with others.

Market Incentives for Fisheries Management and Conservation
Convener(s): René David Loaiza Villanueva, Eleazar López Gallegos
Keywords: Value Rescue Model, Preferential Market, Small-Scale Fisheries, Incentives for Fisheries Sustainability, Social Responsibility, Market-Based Conservation.
Thesis: Sustainable fisheries and resource conservation can be achieved through integrated models.

Our Footprint

Escuela del Mar: Certification of Labor Skills
Convener(s): Paloma Alejandra Valdivia Jiménez
Keywords: Self-employment, Certification, Competencies, CONOCER, Escuela del Mar, Entrepreneurship.
Thesis: Certifying skilled laborers ensures excellence and validates the knowledge and skills of community partners involved in conservation and sustainable resource use.

Tools for Community Empowerment and Socioenvironmental Development
Convener(s): Elia Polanco, Johana Nieblas
Keywords: Inclusive participation, Community development, Social-environmental leaders, Conservation, Environmental education.
Thesis: Community conservation programs promote social participation, strengthen communities, and advance self-management.

Border Wall: Scars in Nature
Convener(s): Naturalia AC, CEDO Intercultural
Keywords: Wall, Barrier, Biological Corridor, Connectivity, Transboundary Cooperation, Culture, Restoration.
Thesis: The U.S.-Mexico border wall disrupts society and biodiversity. How can we address this through cooperation and restoration.

Desert Pupfish Shelter
Convener(s): María Isela Gamboa Hernández
Keywords: Conservation, Desert Pupfish, Refuge, Colegio de Bachilleres del Estado de Sonora, Sonoyta.
Thesis: The Desert Pupfish conservation project promotes species recovery and community engagement.

Other Events:

- XXVIII Meeting of the Canada/Mexico/U.S. Trilateral Committee for Wildlife and Ecosystem Conservation and Management (April 29 – May 2, 2024).

- Endangered Freshwater Fish of the Rio Sonoyta: Conservation and Education (Trilateral Borderlands).

- World Species Congress: Mesoamerican Freshwater Species Conservation.

KEYWORD

Sustainable fishing, aquaculture, oceanic transformation, public policy, marine ecosystems, cooperation, technological innovation, fishery refuges, sustainability, economic development, climate change adaptation, coastal communities, environmental conservation.

FESTIVAL REGIONAL DE PESCA Y ACUACULTURA SOSTENIBLE BAJA CALIFORNIA SUR 2024

Festival Impact in Numbers >>>

From November 27 to 29, La Paz, Baja California Sur, hosted the Regional Festival of Sustainable Fishing and Aquaculture 2024. The festival focused on:

- Promoting oceanic transformation by ensuring sustainable fishing and aquaculture systems.
- Building a national agenda for inclusive public policies.
- Encouraging international collaboration.

Key highlights included keynote panels on fishery refuges, regenerative aquaculture, and sustainable financing, as well as hands-on workshops on topics like oyster farming, leadership in fisheries, and climate change adaptation.

The festival's impact extended beyond the event, with initiatives continuing throughout the year to foster sustainability and resilience in coastal communities.

- *500* **Participants**
- *15* **Mexican** States
- *05* **Countries**
- *95* **Expert** Speakers
- *18* **Civil Society** Organizations
- *40* **Cooperatives**
- *19* **Companies**
- *04* **International** Cooperation Agencies
- *13* **Keynote** Panels
- *12* **Specialized** Workshops
- *30* **Research** Posters
- *20* **Institutional** Collaborations

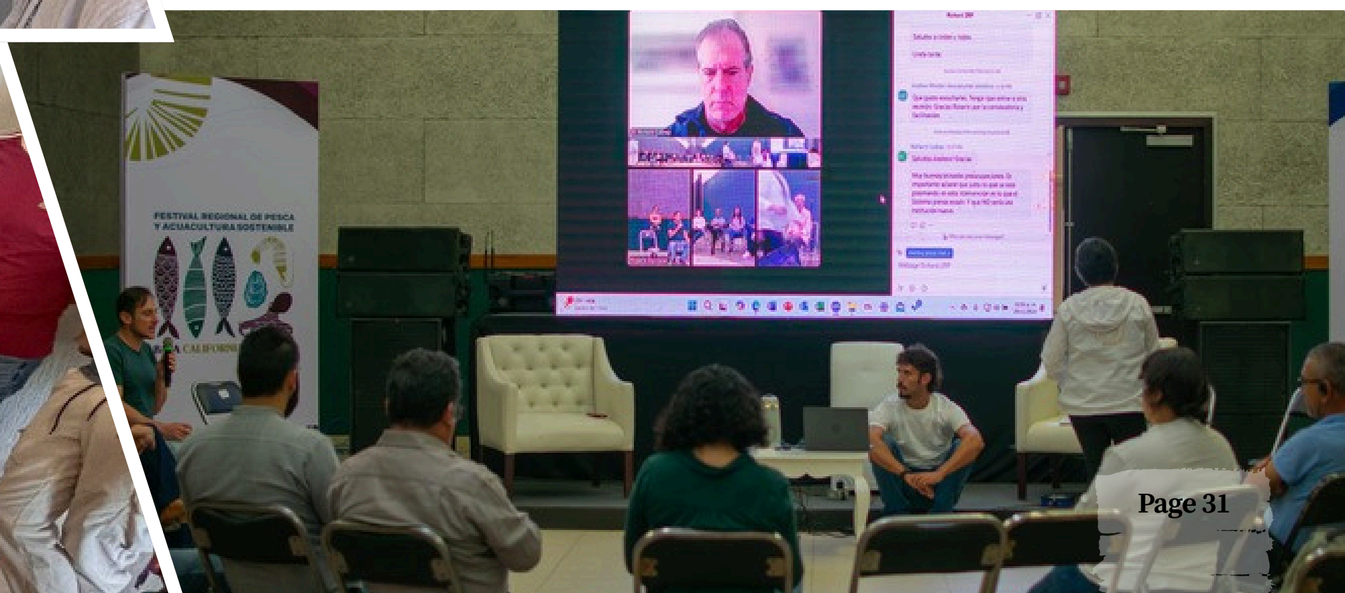

GOBIERNO DEL ESTADO DE
BAJA CALIFORNIA SUR


DIVULGACIÓN
EN NIÑOS DE PRIMARIA


CULTIVOS DE OSTIÓN
gigas EN BCS
B12
OBJETIVO






FESTIVAL REGIONAL DE PESCA
Y ACUACULTURA SOSTENIBLE



***2024*, A Year of Lightning-Speed Action!**

Administration & Finance

• AIT Renewal 2024
Institutional and Transparency Accreditation (CEMEFI): Authorized donee complying with legal and financial quality standards.

• 2023 CLUNI Annual Report

• Annual Anti-Money Laundering

• Declarations submitted to the SAT
2024 Transparency Declaration submitted to the SAT

Human Resources

In the Administration office, we continue operating with only one staff member, in addition to one person under my supervision at the store. In the Projects area, there was a reduction in personnel in 2024 due to the lack of project completion.

MAC CEDO	SALARIED	CONTRACTED	CONSULTANTS
START 2024	12	1	3
HIRES	3	3	1
DEPARTURES	4	2	1
END 2024	8	2	3
CEDO	SALARIED	CONTRACTED	CONSULTANTS
START 2024	3	2	1
HIRES	1	1	0
DEPARTURES	1	1	0
END 2024	2	2	1

- Ary Perea, who served as store manager, has left CEDO
- Mr. Mario López Castro has joined in her place
- The new logo has begun to be used on CEDO products

CAMPUS, BUILDING AGUSTÍN CORTÉZ

- Renovation of the octopus tank
- Warehouse cleaning

BRAND	Ford	Ford	CHRYSLER	TOYOTA
MODEL	*EXPLORER*	*MERCURY MARINE*	*MITSUBISHI*	*MATRIX*
YEAR	2007	2008	2010	2003
SERIAL NO.	IFMEU73E17UB74555	4M2CU97198KJ03965	MMBMG45H3AD049426	2T1KR32E13C111997
PLATES	WDK2428	WEK6722	VB37554	WCL3937
COLOR	BLACK	WHITE	WHITE	GOLD

BRAND	Ford	Ford	TOYOTA
MODEL	*RANGER*	*ESCAPE*	*MATRIX*
YEAR	2019	2005	2003
SERIAL NO.	AFAFR6AA9KP106182	IFMYU03155KA64053	2T1KR32E13C111997
PLATES	VA6359A	608SYZ4	WCL3937
COLOR	WHITE	DARK GRAY	GOLD

BRAND	**VESSEL**
MODEL	*YAMAHA 115 TXR*
YEAR	2007
SERIAL NO.	68VX-1053617
COLOR	WHITE/BLUE

BRAND	**TRAILER**
MODEL	*HANDMADE*
YEAR	2000
SERIAL NO.	6100000068
PLATES	3SV9540

BRAND	NISSAN
MODEL	FRONTIER
YEAR	2007
SERIAL NO.	94DAD2CG17J013443
PLATES	VB37501
COLOR	DARK GRAY
SALE PRICE	**$29,000 PESOS**

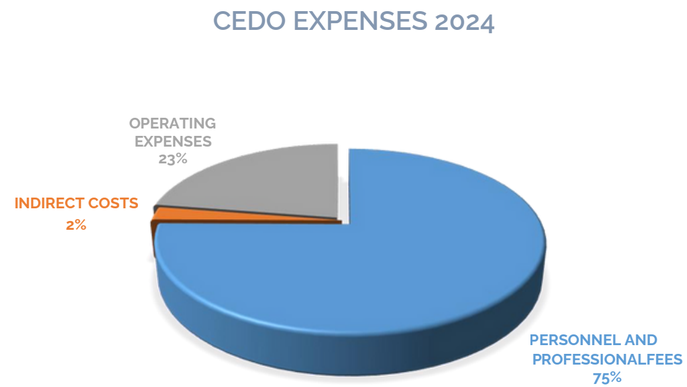
Revenues & Expenses 2024

Mexican *Pesos*

CENTRO INTERCULTURAL DE ESTUDIOS DE DESIERTOS Y OCEANOS.
January 1 to december 31, 2024
REVENUES / EXPENSES 2024

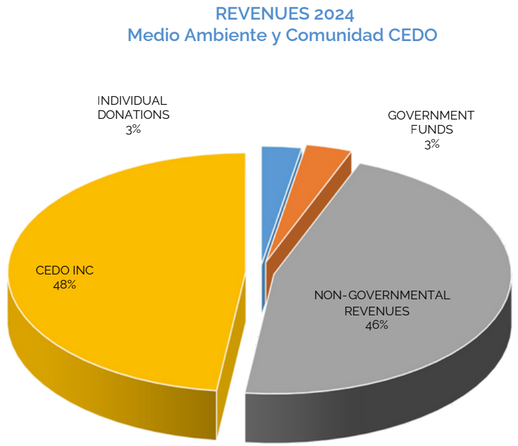
		2024
REVENUES		
Corporate Contributions (Sonoran)		43,200.00
Non-Government Contracts (NMX-PRO24)		753,810.00
CEDO Inc		913,538.75
Tourism Services		44,633.50
Academic Services		420,203.00
Asset Sales		29,000.00
Eco-Store		259,785.96
Other		4,011.00
		2,468,182.21
EXPENSES		
Personnel and Professional Services		
Salaries and Benefits	611,492.12	611,492.12
Local Taxes and Rights	0.00	0.00
Directors and Officers Salaries, paid by UA	633,679.98	633,679.98
Professional Fees	134,853.53	134,853.53
Fees to Reg. Salary	289,568.21	289,568.21
INDIRECT COSTS		51,048.91
OPERATING EXPENSES		500,472.35
		2,221,115.10
	2,221,115.10	**247,067.11**
EXCESS/DEFICIT		

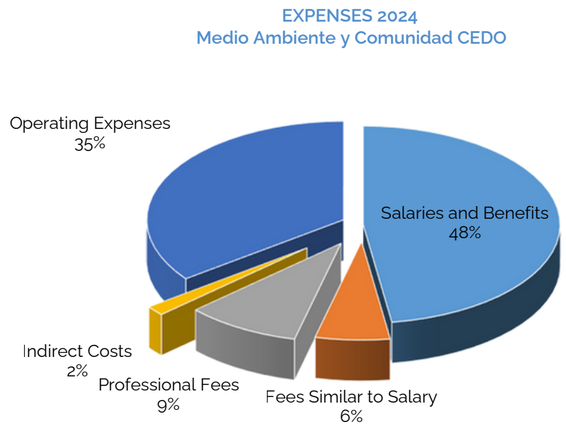




MEDIO AMBIENTE Y COMUNIDAD CEDO
PERIOD JANUARY 1 TO DECEMBER 31, 2024
REVENUES / EXPENSES 2024

	FUNDEZ	DESPACHO	
	2024	**2024**	
REVENUES			
INDIVIDUAL DONATIONS FROM COMPANIES	260,119.31	260,119.31	
GOVERNMENT FUNDS	300,000.00	300,000.00	
NON-GOVERNMENTAL REVENUE	4,388,681.54	4,388,681.54	
CEDO INC.	4,637,210.92	4,577,232.65	
TOTAL REVENUES	**9,586,011.88**	**9,526,033.61**	59,978.27
EXPENSES			
SUELDOS Y PRESTACIONES	4,119,010.11	4,119,010.11	
PROFESSIONAL FEES	813,117.25	813,117.25	
FEES ASSIMILATED TO SALARY	528,502.98	528,502.98	
INDIREC COST	136,891.89	136,891.89	
OPERATING EXPENSES	3,042,419.73	2,066,939.77	
TOTALES EXPENSES	**8,639,941.96**	**7,664,462.00**	975,479.96
EXCESS/DEFICIT	**946,069.92**	**1,861,571.61**	





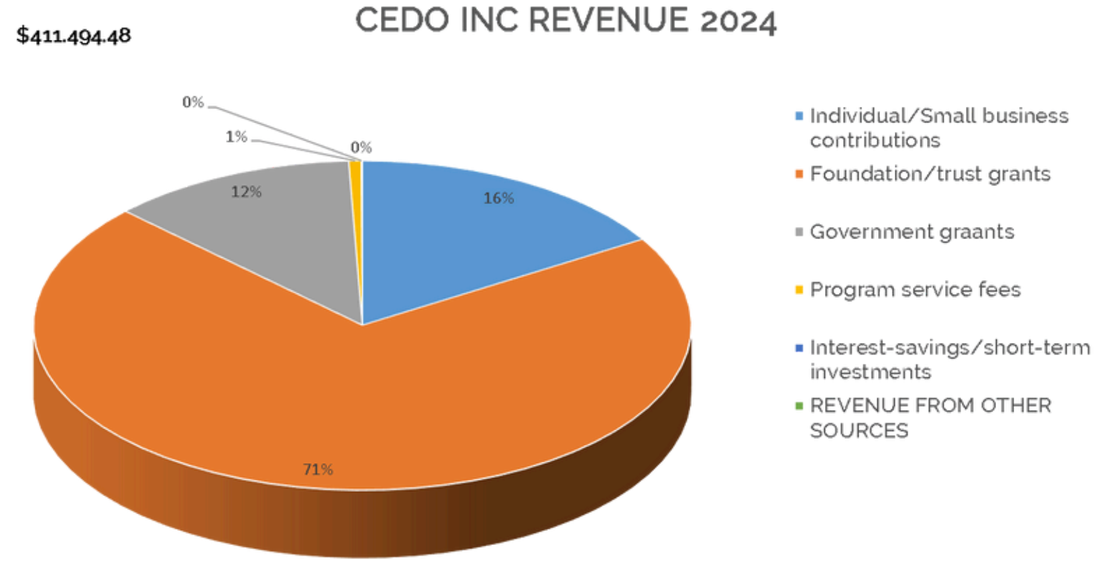
Revenues & Expenses 2024

Statement of Revenue and Expense
Current Period: 1/1/2024 - 12/31/2024
Year-to-Date: 1/1/2024 - 12/31/2024

American Dollars

	Current Year
Revenue	
Individual/Small business contributions	66,819.81
Foundation/trust grants	291,939.50
Government graants	50,000.00
Program service fees	2,500.00
Interest-savings/short-term investments	8.41
REVENUE FROM OTHER SOURCES	226.76
Revenue	**411,494.48**
Salaries & wages - other	5,714.29
Workers' Comp	(80.00)
Unemployment-State	4.00
FICA	354.29
Medicare	83.26
CONTRACT SERVICE EXPENSES	170.91
Contracts with MAC_CEDO	339,087.35
Contracts with CEDO A.C.	40,402.84
OPERATING COSTS	
Fundraising fees	1,338.03
Accounting fees	10,000.00
Professional fees - other	4,650.00
Payroll processing fees	677.57

$411.494.48



Revenues & Expenses 2024

American Dollars

Statement of Revenue and Expense
Current Period: 1/1/2024 - 12/31/2024
Year-to-Date: 1/1/2024 - 12/31/2024

Mailing services	2,063.82
Printing & copying	0.00
Bank service charges	95.00
Memberships	25.00
Accounting software	3,315.00
Fundraising software	4,270.44
Marketing	1,943.60
Paper and office supplies	270.41
Postage & shipping	559.22
Insurance - non-employee related	2,063.00
Membership dues - organization	0.00
Organizational (corp) expenses	169.00
SUSPENSE TO BE USED FOR AP ONLY	460.66
Rentals (non-workshop)	1,185.56
Telephone and internet	1,687.46

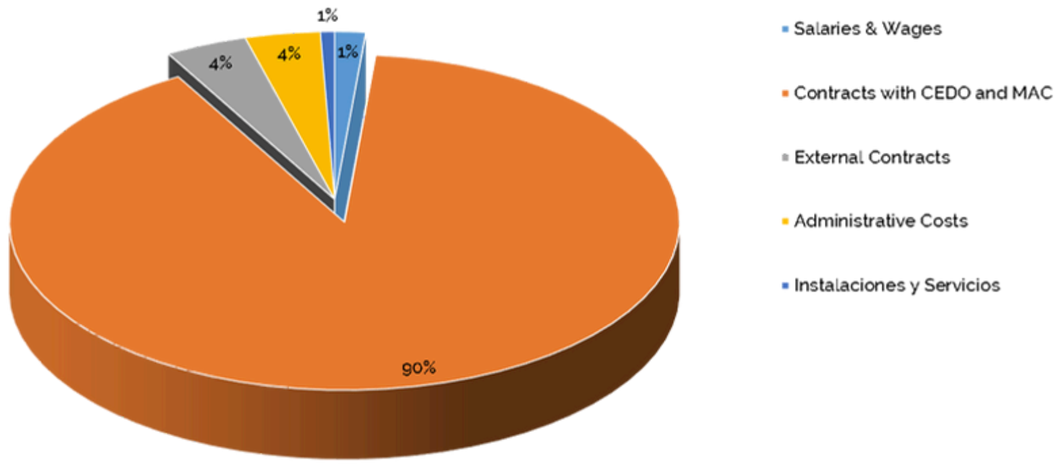
Rentals (non-workshop)	1,185.56
Telephone and internet	1,687.46

Expenses	**420,510.71**
Excess or (Deficiency) of Revenue Over Expenses	**(9,016.23)**

Expenses

Salaries & Wages	6,246.75
Contracts with CEDO and MAC	379,490.19
External Contracts	16,665.60
Administrative Costs	15,235.15
Instalaciones y Servicios	2,873.02
	420,510.71

CEDO INC EXPENSES 2024



CEDO ANNUAL REPORT

CEDO Intercultural represents a unique binational alliance between non-profit organizations in Mexico and the United States. Guided by a shared vision, mission, and strategic agenda—and operating under a joint Executive Committee—CEDO combines resources and knowledge to develop practical, culturally aware solutions that support both environmental sustainability and community well-being across borders.

As an environmental organization with a strong educational foundation, we are widely recognized for our integrative, nature-based approach to the protection, management, and restoration of the region's diverse ecosystems.

Thank
You

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CEDO

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CEDO

ANNUAL REPORT