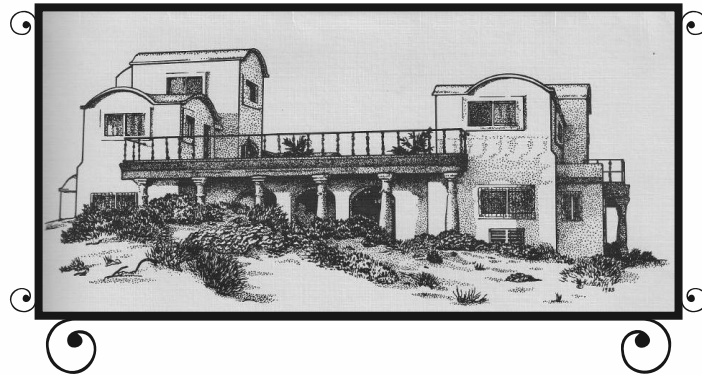




ANNUAL REPORT

20 23

INTERCULTURAL CENTER FOR THE STUDY OF DESERT AND OCEANS



CEDO Intercultural is a unique collaboration between U.S. and Mexican nonprofit organizations that, inspired by a vision, mission and strategic programs, bring together resources and expertise to offer realistic environmental and community solutions that recognize, respect and advance the cultural, socio-economic and biological interconnections between Mexico and the United States.



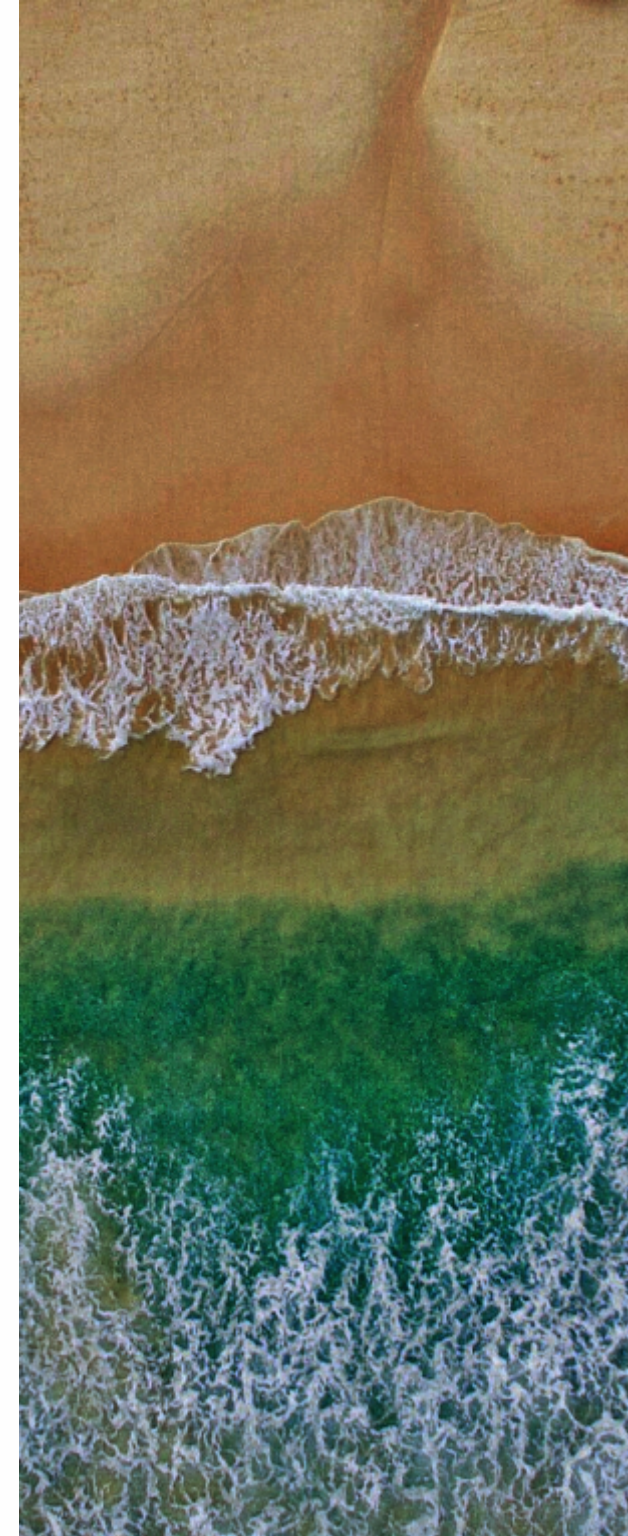
MISSION FOSTER VIBRANT COMMUNITIES AND RESILIENT ECOSYSTEMS IN THE NORTHERN GULF OF CALIFORNIA AND OTHER ECOREGIONS BY INTEGRATING PEOPLE, KNOWLEDGE AND SOLUTIONS.

VISION THRIVING COMMUNITIES, SUSTAINABLE LIFESTYLES AND HEALTHY ECOSYSTEMS!

CONTENTS



- 04** NATURE BASED SOLUTIONS
- 10** BIODIVERSITY CONSERVATION AND CITIZEN SCIENCE
- 26** SUSTAINABLE FISHERIES AND AQUACULTURE
- 38** EDUCATION / SCHOOL OF THE SEA
- 46** COMMUNITY WELFARE
- 54** KNOWLEDGE, CLIMATE CHANGE AND ECOSYSTEMIC ADAPTATION
- 58** CEDO XPERIENCES
- 66** COMMUNICATION AND DEVELOPMENT
- 72** FINANCES AND HUMAN RESOURCES



At CEDO, our work focuses on the Sonoran Desert, extending along the U.S.-Mexico border, with a special focus on regions such as Arizona, Sonora and Baja California in Mexico, as well as the Northern Gulf of California. Our commitment encompasses conservation and research in this vast and diverse ecosystem, working to protect its biodiversity and promote sustainability in the region.

CEDO's joint campus operations are located in the Agustín Cortés Building in Puerto Peñasco, on the shores of the Sea of Cortés. The CEDO campus includes administrative and program offices, a laboratory, library, dormitories, conference room, an earthship visitor center, a scientific collection, the Environmental Management Unit dedicated to the conservation of native fishes of the Sonoyta River, Botanical Garden, various exhibits, and a gift store.

CEDO is an environmental organization with a strong educational vocation and is recognized for our holistic approach that drives nature-based solutions to protect, manage and restore natural ecosystems that characterize this region. So we address the societal challenges fundamental to economic development in an effective and adaptive manner, demonstrating that healthy ecosystems are fundamental to human well-being.

We depend on nature for food and water security, health, risk reduction in the face of natural disasters, conditions that are at risk due to the challenges humanity faces, population growth, habitat and species degradation and loss, overexploitation of natural resources and climate change.

CEDO's experience positions us as an organization that takes its experience to innovate and our daily work with local communities gives us the confidence to continue working in coordination with the actors involved to seek long-term changes so that the experiences in this region can be scaled to other geographies.

Our results demonstrate that based on solid scientific, social and cultural knowledge and coordinated work with diverse stakeholders in the region, we can achieve lasting changes for the good of all.

During 2023 we continue to build on the lessons of our long history under the following framework that exemplifies the nature-based solutions approach, which can be described multidimensionally as:

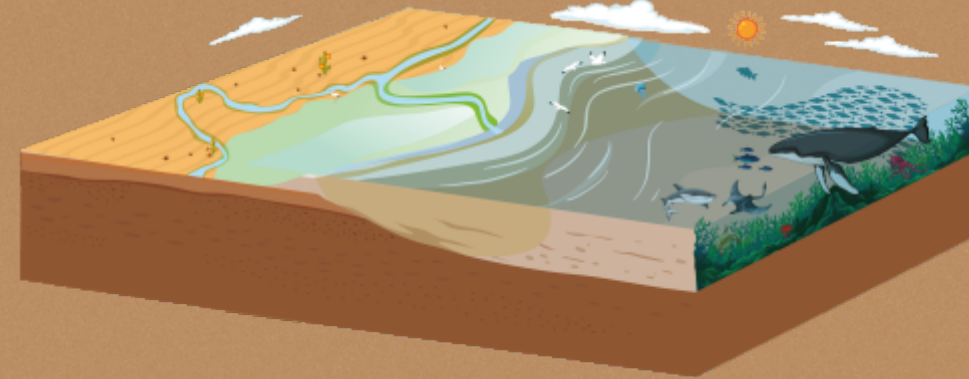


Fig 1. In nature (desert, coast and ocean), we can find solutions to the challenges facing humanity. Where nature's resources are sustainably used mainly by artisanal fishing and aquaculture.



Fig 2. In such a way that society (education, tourism, development) is interconnected with nature and we recognize the histories and sustainable practices of artisanal fisheries and aquaculture, their contribution to food security, social cohesion, local economy, poverty alleviation and other links to the Sustainable Development Goals.



Fig 3. All interconnected.

»» NATURE BASED SOLUTIONS



In 2023, we emphasize that the foundations of our work are based on a nature-based solutions approach, raising awareness and promoting actions for the protection, conservation and sustainable use of landscapes and species. We build programs and actions for conservation, protection and restoration of ecosystems and species with the participation of everyone through tools such as citizen science and responsible tourism.

We resumed our work in the deserts highlighting the role of the native fishes of the Sonoyta River, their conservation and the educational opportunities they have generated among high schools in the region. We worked and attended strandings from CEDO's UMA, organized courses and participated in various events.

The use of nature is necessary for human well-being, and the integration of biodiversity in the fishing and artisanal aquaculture sector demonstrates this. Therefore, we see in the work of the management of artisanal fisheries and aquaculture a tangible opportunity for fishery improvement practices to be reflected in community benefits, seeking a triple impact.

We implemented 3 fishery improvement projects or FIPs:

1) Crab with trap in the Puerto Peñasco-Puerto Lobos Corridor in this FIP in which around 60 vessels affiliated in 6 fishing organizations from Bahía San Jorge, La Pinta, La Choya and Bahía Adair participate;

2) White clam (Hooka diving) in Puerto Peñasco with the participation of 6 vessels from 3 fishing organizations from Puerto Peñasco and La Pinta;

3) Upper Gulf of California flake in which 9 vessels from 5 fishing organizations from San Felipe B.C. and Puerto Peñasco. In addition, we are working on the first stages of the hand-collected clam FIP in the Gulf of Santa Clara with two fishing organizations, and we are working on the construction of an Aquaculture Improvement Project with the oyster farmers of the town of La Cinita.

At CEDO we believe that without well-being there is no progress, so we collaborate and actively build solutions with communities in the Northern and Upper Gulf and co-develop tools and practices that allow them to identify problems and self-manage solutions for the common good, in order to have prosperous communities that practice sustainable management of natural resources, improve the local economy and develop orderly and legal fishing practices.

Our work revolves around participatory governance, consolidating partnerships and designing collaborative models that allow us to engage and support the implementation of solutions that build more sustainable and resilient communities.

Achievements are reflected in:

1) The "Community Agendas" which promote community organization and management through which needs and challenges are recognized and prioritized;

2) The work in the Upper Gulf of California Community and Economic Development Committee (CODEC), to develop and implement a plan for resilient communities in the Upper Gulf of California promoting inclusion, culture, food sovereignty, blue and socio-environmental justice to design a future that promotes comprehensive and inclusive community development efforts, taking advantage of lessons learned to transition to sustainable fishing and aquaculture practices and biodiversity conservation".





Education is a cross-cutting theme in CEDO, so in all the activities we carry out, the educational component is present and grouped in the "School of the Sea". With the CEDO Sea School we seek to ensure excellence in the operation and services of our community partners, minimizing environmental impacts and increasing the benefits for their communities; offering courses, certifications, workshops and lectures for both formal and non-formal learning around CEDO's mission.

We generate science and knowledge, collaborating with diverse research groups, while respecting and integrating traditional knowledge around our work topics, demonstrating the role of science for decision making and the well-being of communities.

Partners and colleagues share these statements about CEDO's work:

- A. CEDO is recognized as an organization specialized in fisheries and aquaculture (FIP; VRM).
- B. CEDO is a pioneer in the certification of labor competencies, providing the local population with the means to demonstrate "trades".
- C. CEDO has the only environmental unit (UMA) for wildlife conservation (Non-Synergistic), with an education program linked under a tri-national approach.
- D. CEDO is "community", which allows us to work for community development under an approach of justice and equity.
- E. CEDO is a reference/model of non-profit organization in Northwest Mexico.





BIODIVERSITY CONSERVATION AND CITIZEN SCIENCE



Freshwater
fish of the
Sonoyta River



RESULTS »»

For more than 25 years, the Sonoran Desert Native Freshwater Fish Working Group, a binational group of protected area officials, professionals, researchers, and civil society organizations, has worked to protect the native freshwater fishes of the Sonoyta River, particularly the Sonoyta pupfish (*Cyprinodon eremus*) and greenbelly rockfish (*Agosia chrysogaster*). In 2021, the working group restarted activities by monitoring fish populations (size and genetic diversity), improving pond design and infrastructure, and promoting educational programs that connect the ponds binationally, taking into consideration the traditional knowledge of the Tohono O'odham Nation.

During 2023, CEDO led the project to improve the protection of the native fishes of the Sonoyta River: the Quitobaquito-Sonoyta pupfish (*Cyprinodon eremus*), and Sonoyta River greenbelly rockfish (*Agosia chrysogaster*), through a network of ex-situ conservation refuges on the Sonora-Arizona border.

- ✔ Collaboration of the working group for the protection and conservation of Species and ecosystems / Action: Two meetings between partners (binational and local).
- ✔ Ex situ conservation ponds ensure the protection of freshwater fish.
- ✔ Feasibility analysis for the Quitovac Oasis, Annual population monitoring was conducted (twice a year) in the network of six (6) conservation ponds in MX.
- ✔ Developed a proposal to upgrade-renovate one pond in the network of conservation ponds and evaluate the current status of ex-situ conservation ponds in the US.
- ✔ Preservation of the Quito-Sonoyta pupfish and greenbelly rockfish populations in the refuge network, maintaining ex-situ populations in perpetuity.
- ✔ Supported the renovation of two ponds, providing materials and technical support to the ponds in MX. Trained representatives of the refuges in the management and conservation of the Sonoyta pupfish (*Cyprinodon eremus*).
- ✔ Raise awareness among the local population about Sonoyta's native fish. Educational activities for all conservation ponds.
- ✔ Participated in four local and national events. We supported the activities of two high school institutions in educational activities.

NUMERALIA »»



Two working meetings were held with specialists in native fishes of the Sonoyta River in Mexico and the United States.



Fish monitoring in the refuges: COBACH-Sonoyta (562), CETMAR (481), El Pinacate Biosphere Reserve (25) and CEDO (194 *C. eremus* and 95 *A. chrysogaster*).



Six training sessions were held for those responsible for the ex situ refuges of the *Cyprinodon eremus* (Sonoyta pupfish) species on the care and advice for the registration of UMAs and biological monitoring of the ex situ conservation network.



Education and promotion of the importance of fish conservation: COBACH- Sonoyta and CETMAR. School education program offered to community institutions.

Publication on the genetics of *Cyprinodon eremus* from ex situ refugia (<https://link.springer.com/article/10.1134/S0032945223060140><https://link.springer.com/article/10.1134/S0032945223060140>).



We prepared, managed and participated in the reactivation of 2 ex situ refuges (Sonoyta and Cetmar de Puerto Peñasco) and we have 3 new renovation plans in the US.



We participated in 4 events to disseminate the importance of native fish and species conservation, a binational approach.



Approximately +150 population sensitized/ Sonoyta, Hermosillo, Peñasco and Ajo.



From October 23 to 26, 2023, a theoretical-practical workshop "Management and Conservation of the Sonoyta pupfish (*Cyprinodon eremus*) in ex situ conservation refuges for native fishes of the Sonoyta River" was held.

The export process to the USA was initiated to establish a population of *Agosia chrysogaster* in the United States.



In collaboration, CEDO signed 3 agreements with Colegio de Bachilleres de Sonora, CETMAR 14 of Puerto Peñasco and CEDES.

The 2nd annual report of activities of the UMA-DGFFSON-UMA-IN-0108-21, called Intercultural Center for the Study of Deserts and Oceans, for the protection and conservation of the species (*Cyprinodon eremus* and *Agosia chrysogaster*) was submitted.



RESULTS »»

Awareness-raising, stewardship and participation in the cleanup of marine and coastal areas were The cleanup of marine and coastal areas culminated in the cleanup of the El Saladito estuary in San Felipe, B.C., and the International Coastal Cleanup in the communities of Puerto Peñasco, Golfo de Santa Clara, San Felipe, and Estero San Francisquito.

Important collaboration links were generated with those responsible in North America for the Global Ghost Fishing Gear Initiative (GGGI) and with the Bureo Corporation to establish a collection center in Puerto Peñasco as part of the local strategy for recycling and final disposal of fishing nets.



Clean Oceans

NUMERALIA »»



75 volunteers (42 men and 33 women) from San Felipe, Baja California, carried out a cleanup in the El Saladito wetland to celebrate Mother Earth Day. In this cleanup they collected more than 1 ton of waste in approximately 2 km of cleanup.



1,160 volunteers (572 men and 588 women) from 4 communities, collected 6 tons of waste on 64.25 km of beaches and estuaries as part of the International Coastal Cleanup 2023, carried out in collaboration with the H. Ayuntamiento de Puerto Peñasco, Comité Local de Playas Limpias and other collaborators such as Grupo Lobos del Ejido Rodolfo Campodónico, Comité Municipal Fundacional de San Felipe en Baja California, Pesca ABC and CONANP-Alto Golfo, contributing the information from these collections to the international TIDES database promoted by The Ocean Conservancy.



55 people (23 men and 32 women) from 4 communities in the region were trained in the use of the Clean Swell App for waste registration.

A talk on CEDO's process for organizing a beach cleanup was given to members of the national Lions Club, who are interested in joining this effort.



In collaboration with Bureo and GGGI, two workshops were planned with hake fishermen to train them in the handling of disused fishing gear and to raise the idea of collecting their nets. Options for recycling monofilament nets in the region were explored with MIK-San Luis RC and Bureo.



La Capitanía de Puerto, el Gobierno de Puerto Peñasco, CEDO Intercultural, Museo de la Ballena, UNAM y el Grupo Lobos de Bahía San Jorge, invitan a una charla con el

Dr. Mauricio Hoyos

(Director y Co-fundador de Pelagios Kakunjá)



Nuestra cita es:

Oficinas de Capitanía de Puerto Peñasco.

Viernes 18 de marzo.

8 am.

Evento gratuito / Dirigido al público en general, pescadores, buzos y prestadores de servicios turísticos.

*Uso correcto de cubrebocas obligatorio.



In 2023, CEDO in collaboration with the organization Pelagios Kakunjá A.C. and the Centro de Investigación en Alimentación y Desarrollo (CIAD), participated in the project called "Integral Solutions to the integration of the white shark *Carcharodon carcharias* and Anthropogenic Activities in Northwest Mexico, species in the (NOM-059-SEMARNAT-2010)".

Activities included a Facebook live seminar on with more than 160 live viewers and more than 3,500 views; a workshop reported in a sea school, and facilitation in the delivery and management of shark repellent bracelets. This topic is in turn linked to the Fisheries and Aquaculture management since the negative interactions of white sharks are mainly with fishermen divers.

In terms of species in 2023, our work included wildlife monitoring in the regional environmental system (SAR) of the Puerto Peñasco photovoltaic power plant; turtle care; facilitation of work and spaces for interactions with white sharks; and whale watching



RESULTS »»

During the 2023 sea turtle nesting season on the beaches of Puerto Peñasco, CEDO, ZOFEMAT, and PROFEPA personnel carried out a series of actions to protect, recover, and manage sea turtle populations in their nesting habitat. The actions carried out were based on NOM-162-SEMARNAT- 2012 and its specifications for the protection, recovery and management of sea turtle populations in their nesting habitat.

- ✓ Immediate attention to protect and conserve sea turtles. CEDO staff attended to 8 turtle nests under the supervision of PROFEPA authority. Protection of 508 sea turtle eggs, releasing a total of 190 sea turtles.
- ✓ To raise public awareness, protocols were developed for the care of nests and their release on the beach, under NOM-162-SEMARNAT- 2012.
- ✓ Collaboration: CEDO together with state authorities (PROFEPA), Puerto Peñasco City Hall and hotel service providers, for the protection and conservation of sea turtles.
- ✓ Legal framework: The activities were carried out under NOM-162-SEMARNAT-2012 and the Authorization of the turtle camp was initiated and is pending, in the registry of Non-extractive use of wildlife with the development of a Management Plan.



Sea
Turtles



NUMERALIA »»



Attention of 8 turtle nests with supervision by PROFEPA authority and NOM-162-SEMARNAT- 2012.

508 sea turtle eggs from 5 nests (ex situ), 2 were covered and lost due to environmental conditions and 1 was attended in situ.



109 sea turtles were released according to the protocol of NOM-162- SEMARNAT- 2012.



81 sea turtles hatched at the site and were safeguarded by PROFEPA, volunteer participants and CEDO staff.

RESULTS »»

The 2023 whale watching season in the Puerto Peñasco area began on January 1 and concluded on March 30, 2023. CEDO obtained for the third consecutive year the Non-extractive Use Authorization for whale watching in the area with the vessel Polaris with the authorization SPARN/DGVS/05682 and with the specifications of NOM 131- SEMARNAT-2010. The species observed during the season were: Megaptera novaeangliae (humpback whale), Balaenoptera musculus (blue whale), and Balaenoptera physalus (fin whale).

NUMERALIA »»



Authorization for non-extractive use for whale watching in the area by the vessel Polaris with authorization SPARN/DGVS/05682 and under the specifications of NOM 131-SEMARNART-2010.



Species observed: Megaptera novaeangliae (humpback whale), Balaenoptera musculus (blue whale) and Balaenoptera physalus (fin whale).



During the season, 21 specimens were observed by tourism service providers reported in social networks.



Approximately 472 visitors, including foreigners, nationals and locals, participated in the activity with 8 tourism service providers.



Whale watching



RESULTS »»

As an important part of conservation efforts, seabird monitoring began in 2012 in Bahía San Jorge, following up on the least tern (*Sternula antillarum*) and in 2013 the monitoring of the sea lion (*Zalophus californianus*) population on San Jorge Island was integrated. Both species are monitored during the breeding season to determine their reproductive success.



The actions carried out with the projects in 2023 were the following actions: Collaboration with the National Commission of Natural Protected Areas (CONANP) and the organized group "Grupo Lobos" for the protection and conservation of species
Actions: Two meetings.



Conservation and protection of the species:
Action: Annual monitoring of the populations was carried out (breeding season), 12 monitoring activities were carried out for both species with the collaboration of 12 community monitors. San Jorge Island has a sea lion population of 1,825 and a tern population of 48 organisms.

NUMERALIA »»



Five sea lion surveys were conducted during the year.



The population of sea lions in the breeding season was 1,825 organisms.



The breeding season population of terns was 48 organisms.



Sea lion and
Least tern





SUSTAINABLE FISHERIES AND AQUACULTURE

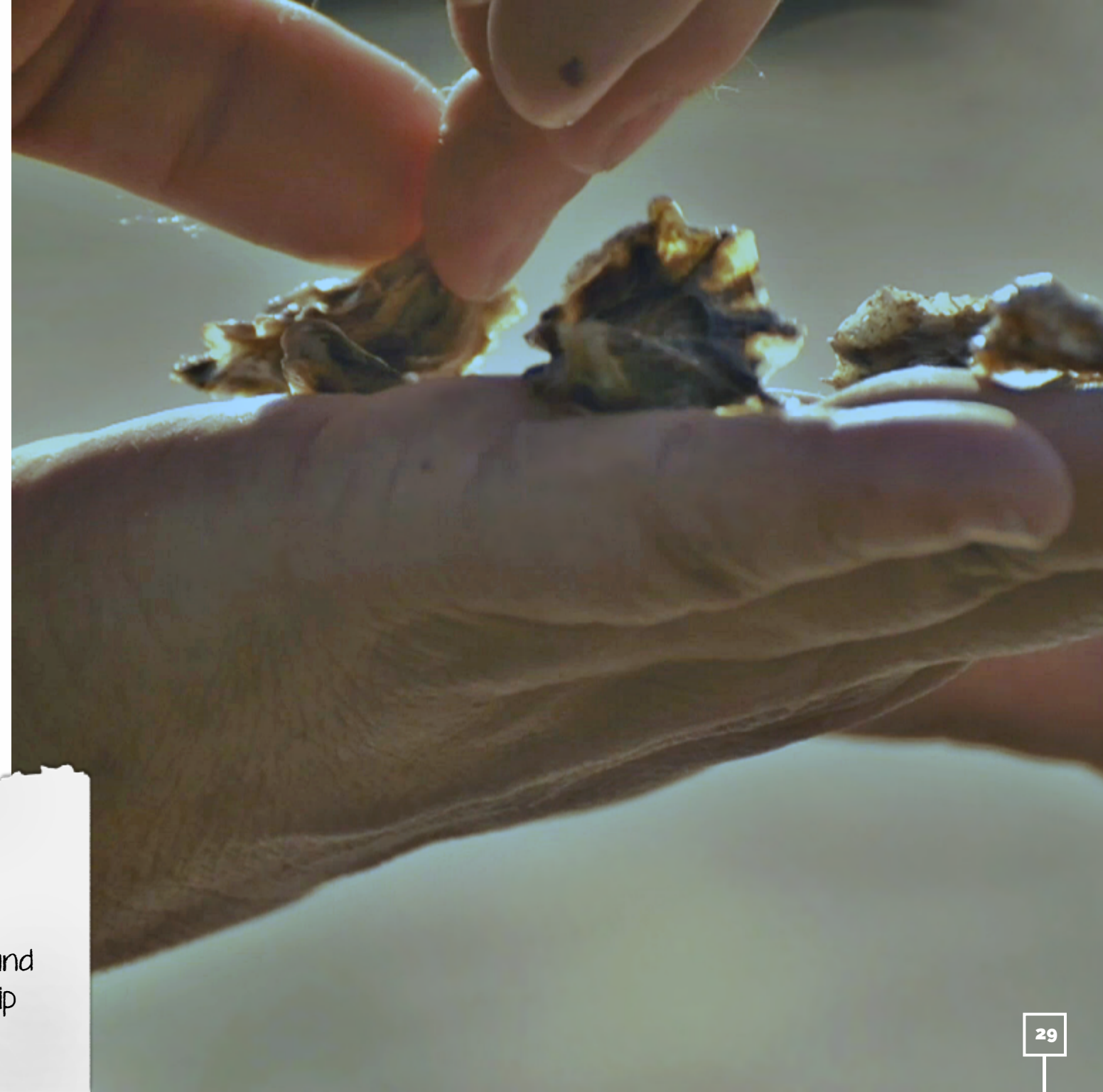


The MRV Value Recovery Model developed by Smart Fish, Ocean Innovation Challenge and the United Nations Development Program UNDP, the Intercultural Center for Desert and Ocean Studies, CEDO, and the other organizations participating in the MRV transfer share the vision of sustainable development in its broad context.

In an integral and collaborative manner, this project addresses the effective management of the resources of 4 fisheries in 4 communities that use them, since evaluations of the conditions of the fisheries were carried out based on the principles of Marine Stewardship of the FIPs and evaluations of the social responsibility policy of Fishery Progress, and seeks to ensure the economic return that benefits the local communities by implementing 5 surveys, 3 diagnostics, and 3 Advisory and Training Plans, following the MRV Value Recovery Model, thus developing the human talent of 55 cooperative associates and their families, applying the Fisheries Optimization, Business Advisory and Market Exploration training available in the MRV agendas, implemented through CEDO's Sea School, thus ensuring technical training, management and conservation of resources.

Significant progress has been made in the transfer of the MRV to consolidate CEDO as an advisory entity and in the implementation of the crab PACs, mainly with the group of 12 Women of the Desert and Sea who have initiated the pilot production of crab meat in the municipality of Caborca, The PAC for flake fish in the region of the municipality of Puerto Peñasco and in the construction of PACs for oyster farming and in the development of a diagnostic study of the clam fishery in the Gulf of Santa Clara in the Upper Gulf of California region.

Value chains,
preferential markets,
productive diversification and
women's entrepreneurship



At the same time, under the strategic line of fisheries management, efforts are being made to formalize the consensual proposal for the designation of a network of 25 fishing refuge zones (ZRP) as a tool for adaptation to climate change and fisheries management. With the support of the French Development Agency and the Sustainable Fisheries Program, a monitoring protocol was designed for the PRZ network that includes the monitoring of biophysical characteristics to identify the abundance of commercially important species groups in the different habitats. In addition, spaces were provided to gather experiences from other pilot sites of ZRP to broaden their scope and lessons learned during several events such as the workshop on design and monitoring of ZRP in the Regional Festival of Fisheries and Artisanal Aquaculture Baja California 2023 in which more than 30 people participated.

During the activities organized by the Inter-Secretarial Commission for the Sustainable Management of Seas and Coasts (Cimares), with the support of the Undersecretary for Multilateral Affairs and Human Rights of the SRE for the updating of the national policy on seas and coasts, in which key actors from the government sector of the three levels of government, academia, organized civil society, representatives of local peoples and communities, the private sector, youth and international cooperation participated.

We also facilitated the technical and social dialogue in the construction of policies and legal framework that supports sustainable fisheries and aquaculture, in terms of recovery of fisheries, participatory governance, visibility of the role of women and youth in fisheries, organized by the Commission of Agriculture, Livestock, Rural Development, Fisheries and Aquaculture of the Senate of the Republic; as well as participation in dialogue spaces with the Mexican Council for the Promotion of Fishery and Aquaculture Products (COMEPESCA) and through sessions to reactivate the corridor's working groups (intercommunity group of coastal fishermen, core group (authorities from the three levels) and technical group (experts, academia, CSOs), among others; to ensure that stakeholders are informed and collaborate in the management of the ZRP network.



Coastal marine spatial planning (Fishing Refuge Zone - ZRP)





The Festival represents the platform to address issues related to its strategic line of work:

MARKET INCENTIVES AND PRODUCTIVE DIVERSIFICATION.

FISHERIES MANAGEMENT.

CAPACITY BUILDING THROUGH SUPPORT AND TRAINING OF THE SECTOR.

RESEARCH, DOCUMENTATION AND DISSEMINATION.

The objective of the festival is to focus and recognize the work of fishermen and fish farmers, for their contribution to the supply of healthy food and economy of the Region, as well as to resume and grow the results and commitments that the fishing and aquaculture sector made in 2022, building together, a work agenda for the benefit of men and women of the sea and in harmony with nature.

A significant alliance that emerges from the festival and enhances the strategy on markets and productive diversification is the union of two campaigns focused on fishing and aquaculture sustainability: Fishing with a Future by COMESPESCA (Mexican Council for the Promotion of Fishing and Aquaculture Products) and Culinary Conservation by CEDO to promote and continue promoting fishing and aquaculture products that improve their fishing practices and certifications. This collaboration is presented as a means to preserve marine biodiversity as well as the gastronomic traditions rooted in these communities.

As part of the II Festival, a talk was organized for gastronomy students. At this event, the chef ambassador of Fishing with a Future, Sebastien Vieilletoile, highlighted the participation of gastronomic professionals in the dissemination of the concepts of Fishing with a Future and Culinary Conservation.



FRPAABC 2023

NUMERALIA »»



250

PARTICIPANTS



26

NATIONAL GOVERNMENT REPRESENTATIONS



63

PANELISTS



22

FISHING & AQUACULTURE COOPERATIVES



10

KEYNOTE LECTURES



NGO

23

CIVIL SOCIETY ORGANIZATIONS
AQUACULTURE SECTOR



40

COMPANIES IN THE SECTOR



13

ACADEMIC INSTITUTIONS



02

NATIVES PEOPLES



10

DEMONSTRATIONS OF
PRODUCERS AND SERVICES IN
THE FISHERIES AND
AQUACULTURE SECTOR



01

ALLIED STATE



11

COORDINATING
ORGANIZATIONS FOR
PANELS AND WORKSHOPS



03

DONORS



01

SPONSOR



09

WORKSHOPS



18

EXHIBITION
STANDS (3x3)

02

EXHIBITION
STANDS (6x9)



21

VOLUNTEERS
9 MEN AND 12 WOMEN



04

FISHING FEDERATIONS



Collaboration opportunities:
Other opportunities addressed include the participation of international distributors of fishery products in the local crab value chain, which involves some 60 vessels that produce some 450 metric tons, thus consolidating the majority participation of users of the crab fishery and its FIP.





EDUCATION SCHOOL OF THE SEA

RESULTS »»

As a Competency Evaluation and Certification Body (ECE475-21) we work with the following competency standards:

- ✓ EC0076: Evaluation of the competence of candidates based on competency standards.
- ✓ EC0578: Application of good practices in the handling of fishery products on board vessels.
- ✓ EC0820: Monitoring of coastal fishing activity.
- ✓ EC0072: On-site visitor assistance during tourist tours.
- ✓ EC0301: Design of group face-to-face human capital formation courses, their evaluation instruments and course manuals.
- ✓ EC0217.01: Delivery of group face-to-face human capital training courses.
- ✓ Ec1401: Community monitoring of biodiversity in Natural Protected Areas for its management and conservation.

Certification
of labor
competencies

NUMERALIA »»



Six training courses were conducted for the certification of labor competencies.



8 fishermen certified in the competency standard EC0820: Monitoring of Coastal Fishing Activity. 4 of them from Bahía de Altata, Sinaloa, expanding our reach.



11 fishermen are certified in the competency standard EC0578: Good Practices in the Handling of Fishery Products on Small Boats.



There are 9 new certified labor competency evaluators (EC0076): 3 in San Felipe, 3 in Golfo de Santa Clara and 3 in Puerto Peñasco.



4 new competency standards are integrated to the services offered by the Escuela del Mar: EC0072: On-site visitor care during tourist tours, EC0301: Design of human capital training courses in a group face-to-face manner, its evaluation instruments and course manuals, EC0217.01: Delivery of human capital training courses in a group face-to-face manner, EC1401: Community monitoring of biodiversity in Natural Protected Areas for its management and conservation.



Three service contracts were consolidated: IAES, EDF and the Sonora Government.



Open water diving certification for commercial divers

The objective is for commercial divers to stay safe underwater and perform their work in a professional manner.

NUMERALIA >>>



12 commercial divers are PADI (Professional Association of Diving Instructors) certified in open water scuba diving and were trained in the guidelines of NOM-014-STPS-2000 "Occupational exposure to abnormal environmental pressures - Safety and hygiene conditions".

The life skills of the Desert and Sea Women's Group were strengthened to foster their empowerment in the fisheries value chain and provide them with opportunities to take on leadership roles, make decisions and actively participate in the management and direction of the meat and meat fork processing initiative for value addition.

NUMERALIA >>>



6 women from the entrepreneurial group "Mujeres del Desierto y Mar" and 1 man from the "Grupo Lobos" of Ejido Rodolfo Campodónico strengthened their soft skills in leadership.

Poisonous species management certification

Training in Management of Venomous Animals in the State of Sonora, obtaining the certification DC-3: NOM-030-Management of Venomous Reptiles and Arthropods.

NUMERALIA >>>



21 people obtained the DC-3 certification: NOM-030-Management of Reptiles and Venomous Arthropods, 5 women and 16 men from different companies. From CEDO 9 people participated, La Posta Veterinaria 1 person, ZOFEMAT 1 person, H, Ayuntamiento PP. 1 person, SCC S.C. 1 person, from Epic Electric S de RL 2 people, CASS 1 person, China Energy 1 person, Islas del Mar 2 people and finally from UTPP 1 person.



RESULTS »»

Consulting and Training Projects (Value Recovery Model)

The first Advisory and Training Projects (PACs) were developed for two fishing entities that are part of the Value Recovery Model, which respond to the main problem detected that, despite the infrastructure and capabilities of these cooperatives, production continues to be sold as low-value raw material, without access to final market prices.

NUMERALIA »»



3 CEDO staff members participated in a knowledge transfer meeting of the Value Recovery Model in CDMX and in virtual sessions on a monthly basis.



2 PACs prepared for the crab trap fishery of the S.C.P.P.E. Bahía San Jorge and the flake fishery for the S.C.P.P. Ribereña Torres in Puerto Peñasco.



1 fisherman from Puerto Peñasco, 1 fisherwoman from Ejido Rodolfo Campodónico, and 2 CEDO staff members attended a theoretical and practical training on Fisheries Optimization in the city of Puerto Ángel, Oaxaca. These trainings will be replicated in the cooperatives of the northern Gulf of California as part of their PACs.



Natural history and beach certification. Members of the Puerto Peñasco Tourist Police were trained, enabling them to provide quality information to visitors and better comply with the Beach Use Regulations on environmental care.



Current status of the Great White Shark (*Carcharodon carcharias*). The workshop presented general information about the species and preventive measures to reduce negative incidences between the species and fishermen divers, with the participation of 48 attendees including divers, cooperatives, authorities (Secretariat of Agriculture, Livestock, Water Resources, Fisheries and Aquaculture, SAGARHPA).

Other courses
and lectures





COMMUNITY WELL-BEING

RESULTS »»

A total of 32 community agenda activities were implemented in four communities:

- ✓ San Felipe worked on advancing the Community Agenda together with the Municipal Foundation Council, with the implementation of 13 activities.
- ✓ The Gulf of Santa Clara created the "Gulf of Santa Clara Citizen Council" to implement the activities of its Agenda, with the implementation of 13 activities.
- ✓ In Ejido Rodolfo Campodónico we received five young people from the Federal Youth Building the Future program in the Community Center to support the implementation of the Agenda, while they are trained under this program; and with the implementation of 6 activities.
- ✓ In the Cucapá El Mayor community, a Community Agenda was created with the traditional authorities with a biocultural focus, promoting the rescue of customs and traditions and the protection of nature.
- ✓ A map of water stakeholders in the municipality of Caborca was prepared.
- ✓ Water cards are available for the six coastal communities of Caborca, Sonora.
- ✓ A regional water diagnosis is available for the communities of Caborca, Sonora.
- ✓ In coordination with Minera Fresnillo, infrastructure diagnostics were prepared for four communities on the Caborca coast. Four meetings were held with the water committees of Ejido Rodolfo Campodónico and 15 de septiembre to identify water challenges and develop solutions.
- ✓ The water committee of 15 de septiembre was accompanied to request the Caborca city council to build a water well for their community, the response was positive, and construction of the well will begin in 2024.
- ✓ The water well in Ejido Rodolfo Campodónico needs to be changed and automated, since the current one has saline intrusion.



Thanks to the Emile and Irene Boilard Memorial Fund and Minera Penmont Fresnillo plc, the goals of the Water Program were achieved.

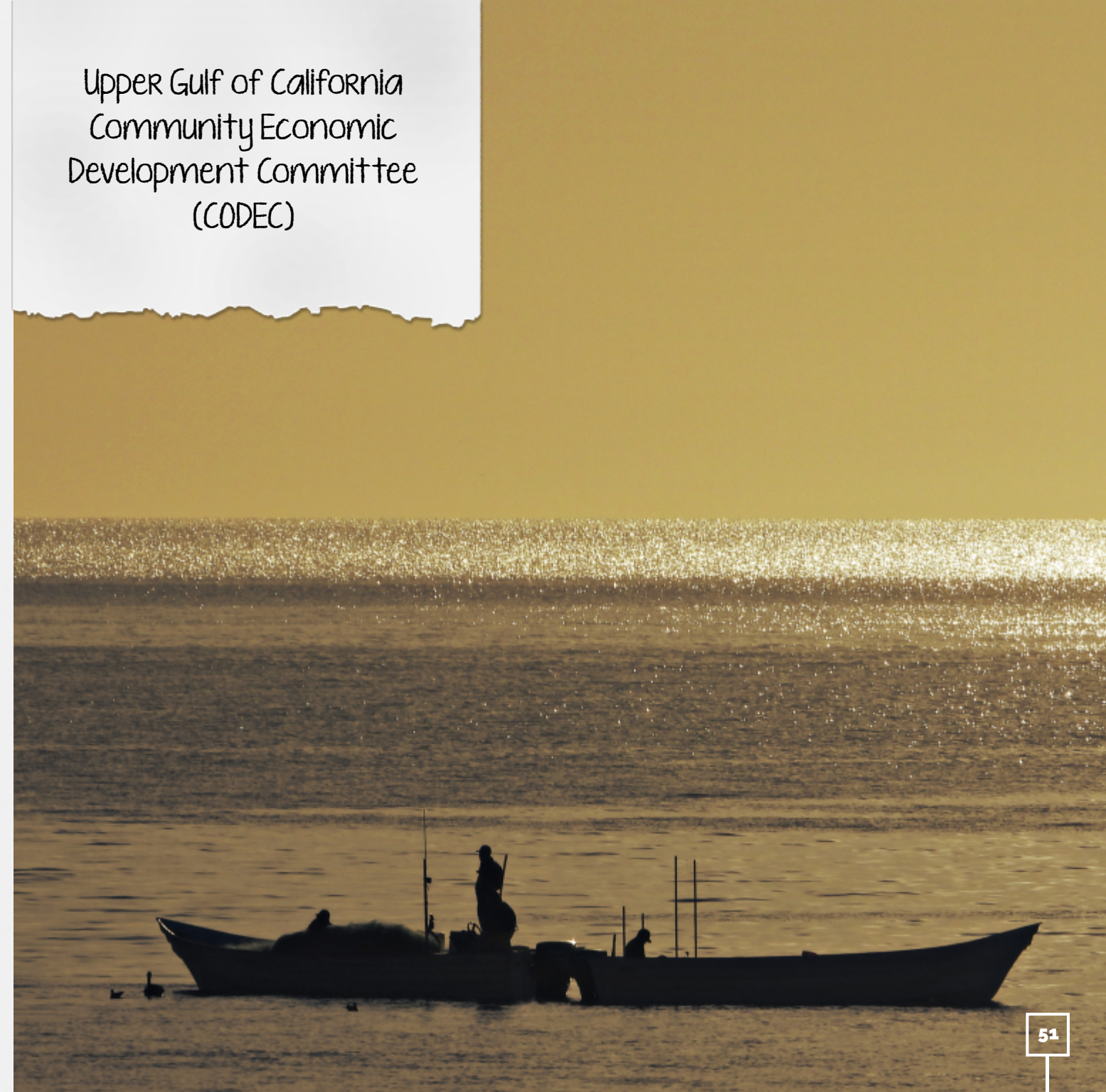


Three general meetings were held with members of CODEC1 , 3 fishing leaders representing federations, 2 social leaders of the communities and 16 virtual meetings were held to update the strategic lines with specific members and follow up on agreements. The achievements that were reached are:

- ✓ There is a new General Objective for CODEC.
- ✓ A work plan was developed that includes four strategic lines:
 1. Sustainable Fisheries and Aquaculture
 2. Community Development
 3. Economic Development
 4. Education and Communication
- ✓ Four transversal lines were identified:
 1. Climate Change
 2. Technological Inclusion
 3. Food Sovereignty
 4. Market Commercialization
- ✓ It was agreed that some of the activities will be supported and carried out by CODEC members.
- ✓ CODEC members have requested that CEDO continue to take the lead in advancing and achieving activities and goals.
- ✓ Those responsible for the strategic lines will be assigned. CEDO will continue to coordinate progress and goals, as well as the group's needs to achieve them.
- ✓ During the next year we will be focused on implementing actions from each member, defining compliance indicators and seeking funding for the remaining activities.



Upper Gulf of California Community Economic Development Committee (CODEC)



Includes efforts to improve infrastructure (fishing and shellfish resources; water supply and distribution in rural communities), among others:

Arrangements were made with the State Government through SAGARHPA:



A grant of 100,000 pesos to purchase equipment for the crab women's group to support the production of vacuum-packed crab and crab trotters, as well as the creation of flour from crab discards.



50,000 pesos in collaboration with CEDO and the divers themselves to provide a diving course to certify and help maintain the integrity of their lives by improving their diving practices and learning the official diving standards.



During this year CONAPESCA did not carry out activities with the consultative fishing committees, however, we continued to work in the communities promoting Participatory Governance, promoting the necessary organization and management between the community, authorities and other stakeholders, the results are:



A group of divers from Puerto Peñasco was organized to build a cooperative and regularize their fishing activity in diving species and act for the environment and society.



The Intercommunity Group of Coastal Fishermen and Fisherwomen (GIR), the Mexican Institute for Sustainable Fisheries and Aquaculture Research (IMIPAS) and CEDO agreed to collaborate with the communities of the Puerto Peñasco-Puerto Lobos Corridor to develop management plans for benthic and flake species, as well as to follow up on the publication of fishing refuge zones and consolidate community fishing committees as mechanisms for organization, decision making and inclusive participation.



Advisory support

Fisheries and Aquaculture Advisory Committees for priority commercial species





KNOWLEDGE, CLIMATE CHANGE AND ECOSYSTEMIC ADAPTATION

We developed 6 research proposals, 5 were submitted, one was funded, one is under review, 3 were not funded. Of note, as part of the approved Google AI for Earth grant, we created a new research group with researchers from Pennsylvania State University, Carnegie Mellon University and UABCS.

We conducted the work of four active projects, which included project meetings, data production, data analysis, generation of results, and manuscript preparation and submission.



Lessons to scale an inclusive blue economy through collaborative research and meaningful dialogues in the Northern Gulf of California, David and Lucile Packard Foundation. Participation in the development of plans and strategy for the inclusion of coastal wetlands in the carbon market in collaboration with South Pole.



Assess the vulnerability to climate change of coastal communities in the Gulf of California and the Yucatan Peninsula UABCS-PACKARD, UABCS-David and Lucile Packard Foundation. 2022-2024. Data collection and model development to assess the socioeconomic vulnerability of coastal communities.



Assessing socioeconomic and biological risks, recommending climate change adaptation measures for fisheries in FIP process, Pronatura. Assessed the risk of climate change to fisheries that are part of Fishery Improvement Projects in Baja California.



Assessing the effects of climate change on artisanal fisheries using deep learning. Apply AI to develop forecasting models for small-scale multispecies fisheries in the northern Gulf of California to understand potential changes in catches under future climate change scenarios.

Publication of the final results of research projects to disseminate results and highlight CEDO's participation. 2 articles published, 2 articles presented, participation in the preparation of 5 articles.

Establishment of collaborative relationships with researchers from national and international institutions. Supervision of 1 postdoctoral student, 2 doctoral students, review of articles for 4 scientific journals. Participation as editor of 2 journals. Collaboration in 2 articles. Disseminated scientific information generated by CEDO. Delivered 6 lectures and workshops.





15 Academic groups received: *Allegra Montessori, Hermosillo; Earlham College, Border Studies Program; SEEDS: Strategies for Ecology Education Diversity and Sustainability; Ecology Society of America, Fort Lewis College Chapter; Colegio CRECE, Puerto Peñasco; UNISON Biology Major, Hermosillo; Grupo Scout 19 Navegantes, Puerto Peñasco; Mesa Community College at Red Mountain; Feral Frame Escuela de Fotografía, Mexico City; Escuela de Verano Kami, Puerto Peñasco; Centro de niños CAVIF, Puerto Peñasco; Instituto Tecnológico Superior de Puerto Peñasco; Colegio CIMA, Puerto Peñasco; Escuela del mar, Puerto Peñasco.*



438 Participants received for academic services.



155 Number of guests.



19 Nights of lodging.



751 Total hours of on-site attention to Academic Groups.

ACADEMIC SERVICES 2023

ACTIVITY NAME	JANUARY-MARCH		APRIL-JUNE		JULY-SEPTEMBER		OCTOBER-DECEMBER	
	# Activities	# Participants	# Activities	# Participants	# Activities	# Participants	# Activities	# Participants
EDUCATIONAL PRESENTATIONS	5	158	2	19	1	30		
TIDE POOLS	2	55	--	--	--	--	--	--
EXCURSION TO THE ESTUARY	2	55	--	--	--	--	--	--
SPICY CRATERS	1	10	--	--	--	--	--	--
SAN JORGE ISLAND TOUR	1	10	--	--	--	--	--	--
KAYAKING IN THE ESTUARY	--	--	1	14	--	--	--	--
PINACATE "TECOLOTE" CAMP	--	--	1	5	--	--	--	--
PINACATE "CONO ROJO" CAMP	--	--	1	5	--	--	--	--
LA SALINA CAMP	--	--	1	5	--	--	--	--
BIODIVERSITY RALLY	--	--	--	--	3	94	--	--
INDIVIDUAL SERVICES	1	27	2	28	--	--	--	--
CONOCER CERTIFICATIONS	--	--	--	--	--	--	--	--
Total	12	315	8	76	4	124	---	---

Academic Services





Successful linkage with Borderlandia to receive tourist groups.



Linkage with Playa Azul residential complex for joint tourism activities.



Liaison with the Islas del Mar subdivision, confirming collaboration for the promotion and execution of CEDO Xperiences.



Start of activities in collaboration with Sierra Tours first Pinacate Camp.



First realization of the "Cono Rojo Crater", "El Tecolote Crater" in El Pinacate, and in "Campo La Salina" as a prototype for a new tourism activity.

Tourism Services, Liaison, Business Exploration

SUMMARY TABLE OF TOURISM ACTIVITIES CARRIED OUT 2023

ACTIVITY NAME	JANUARY-MARCH		APRIL-JUNE		JULY-SEPTEMBER		OCTOBER-DECEMBER	
	#Tours	# Participants	#Tours	# Participants	#Tours	# Participants	#Tours	# Participants
PLÁTICA DE HISTORIA NATURAL	6	71	3	63	2	34	4	37
POZAS DE MAREAS	1	5	3	19	1	4	5	22
EXCUSIÓN EN EL ESTERO	2	9	1	3	—	—	1	3
KAYAK EN EL ESTERO	1	7	0	0	—	—	1	9
CRÁTERES EN EL PINACATE	1	3	2	8	—	—	2	27
CAMPAMENTO PINACATE "TECOLOTE"	—	—	2	12	—	—	—	—
Total	11	95	11	105	3	38	13	98

Art and Culture Events



Dale una Mano a CEDO Fundraising event and volunteer force to carry out maintenance work on the infrastructure of the Agustín Cortés building.

Seaside Weekends



Seaside weekend is an activity that takes place one Sunday of each month with the objective of offering cultural activities within CEDO's facilities, with this CEDO seeks to promote and encourage visitor traffic within our field station to increase the possibility of incorporating future donors, as well as the flow of resources by charging activities.

Great Desert Race



CEDO point of sale and promotion.



CEDO's participation with a talk on biodiversity and ecosystems through which the corridors will pass.



Tourist service "Pinacate craters" for participants and event staff.





**PROTECTING
OUR OCEANS
BEGINS WITH
YOU!**



give.cedo.org/oceans

**MAKE A DONATION
TODAY!**



**COMMUNICATIONS
AND DEVELOPMENT**

Communicating CEDO's work, collaborations, actions and achievements requires a permanent communication program, which includes the development of campaigns, fundraising strategy, CEDO's website, the development of printed and electronic materials, and the segmentation of audiences for social networks.

In 2023, we unveiled a new logo, which showcases our traditional snail, our work in the desert with the profile of the Pinacate and the waves of the Sea of Cortez.

Campaigns



- o Lend a Hand to CEDO.
- o Arizona Gives Day 2023: \$4,003.00 USD.
- o Protecting our Oceans: \$776.06 USD.
- o Midyear Call Letters (sent: 794).
- o Year-end Call Letters (sent: 980).
- o Permanent Donations through our web page: \$9,9461.00 USD.
- o Giving Tuesday 2023: \$4,527.52 USD.
- o Tide Calendar 2024.

Donor coordination, promotion and management



- o Sending thank you letters to all donors who contributed by check to our fundraising campaigns.
- o Gratitude through the Classy platform.

Communications



- o Participation in radio interviews and coordination of webinars.
- o Creation of content for social networks, E-news, E-blasts and Press releases in Sonora and Arizona
- o Website: 3,385 views.
- o Facebook MX: Followers 6,354 / Reach - 58,059.
- o Facebook US: Followers 4,405 / Reach - 3,795.
- o Instagram: Followers 1,565 / Reach - 864.
- o Eblasts shipped - 50.
- o E-news published – 2.

Event Participation and Coordination



- o Baja California Regional Festival of Artisanal Fishing and Aquaculture.
- o Second IUCN Mexican Forum, San Cristóbal de las Casas, Chiapas.
- o Presentation of "Sailing for CEDO" at the Mexican Consulate.
- o Coordination at the Future of the Oceans Symposium in Tempe, Az.
- o Collaboration with Theresé from Escapees RV Club for the event "Lend a hand to CEDO".
- o Participation in SNR Expo at the University of Arizona to promote CEDO Xperiences.
- o Participation in the panel: "Oceans: Blue Economy" at Earthx2023.
- o Coordination of "Oceans Week" at the Desert Museum.
- o Coordination of the presentation "The endangered freshwater fish of the Sonoyta River: at the Arizona-Sonora Desert Museum.
- o Participation in the radio program "Las Suculentas" to promote CEDO's programs.
- o CEDO and Comunal completed the 2023 communications tour.
- o Coordination of CEDO's participation in the Washed Ashore, Art to Save the Sea event at the Tucson Botanical Gardens.
- o Participation in the 2nd Ocean Futures School Symposium" at the University of Arizona in Phoenix.



Collaborations



Companies:
Comepesca
Bill Hoenig
Affco Traiding



Collectives:
Ocean Week
International Coordinator of Coastal Cleanups in Sonora
Collective Impact for Mexican Fisheries (welfare, refuges, market, climate change).



Governments and multilateral organizations:
Conanp-protected areas advisory councils (3).
Clean beaches committee (CONAGUA).
State government: Sonora-Baja California, Baja California Sur and Sinaloa.
Puerto Peñasco and San Felipe City Councils.
German Development Agency (GIZ).
French Development Agency (AFD).



Tourism and Education :
Boderlandia.
Sierra Tours.
Arizona State University (ASU).
University of Arizona (U of A).



Leadership:
Binational working group for the conservation of native freshwater fishes of the Sonoyta River.
CODEC
International Coastal Cleanup Coordinator in Sonora.

Events and networking with other organizations



- o EarthX 2023 Congress.
- o Cocina La Baja, Secretary of Fisheries and Aquaculture of Baja California.
- o Oceans Day, Arizona Desert Museum.
- o Planeta Océano: The Tides are Changing, Las Palomas Beach and Gulf Resort, Puerto Peñasco.
- o FIP Latin America Community of Practice, Costa Rica.
- o Smartfish Anniversary.
- o Conservation Knowledge Sharing Week / FMCN.
- o Second IUCN National Forum, San Cristobal de las Casas, Chiapas.
- o Seminars and delivery of white shark repellent bracelets, Puerto Peñasco.
- o Budget training FONNOR, La Paz, Baja California.
- o International Alliance for the Sonoran Desert, International Day of Peace, ISDA anniversary, Ajo-Arizona
- o Ecofair, Puerto Peñasco.
- o Participatory dialogues on plastic pollution.
- o National congress on certification of labor competencies.
- o Desert Race, Puerto Peñasco.
- o Oceans Week. San Carlos.

Science for Decision Making / Advocacy



- o National policy on seas and coasts.
- o Advisor to the Commission of Livestock, Agriculture, Fishing and Rural.
- o Development. LVI Legislature.
- o Role of young people in the primary sector.
- o Amendments to the General Law of Sustainable Fisheries and Aquaculture: Fisheries Recovery, Participatory Governance, Gender.
- o Solar energy developments, Puerto Peñasco
- o Desalination projects, Puerto Peñasco-Arizona.
- o Border wall between Mexico and the United States, Tohono O'odham Nation.
- o Waste management.



**ADMINISTRATION, FINANCE
HUMAN RESOURCES**

Human Resources

Cedo's work is only possible thanks to the talented team of professionals and volunteers.

HUMAN RESOURCES 2023

MAC CEDO	WAGES	FEES	CONSULTANTS
AT START 2023	11	0	3
SUBMISSIONS	5	4	0
LEAVEMENTS	6	3	0
AT END 2023	12	1	3
CEDO	WAGES	FEES	CONSULTANTS
AT START 2023	1	2	1
SUBMISSIONS	3	0	0
LEAVEMENTS	1	1	0
AT END 2023	3	1	1



Volunteering

Volunteers "Lend a Hand to CEDO"

Escapees RV club: 52 (30 male, 22 female).

Scouts: 12 (8 female, 4 male).

CEDO Team: 11.

Independent volunteers: 8 (5 women, 3 men).

Total: 83

VOLUNTEERING 2023						
AGE RANGE	TOTAL MALE VOLUNTEERS (A)	AVERAGE HOURS PER YEAR PER MALE VOLUNTEER (B)	TOTAL AVERAGE HOURS PER YEAR BY MALE VOLUNTEER (A x B)	TOTAL FEMALE VOLUNTEER (A)	AVERAGE HOURS PER YEAR FOR FEMALE (B)	TOTAL AVERAGE HOURS PER YEAR BY FEMALE VOLUNTEER (A x B)
18 a 28	5	50	250	5	50	250
29 a 39	2	35	70	2	35	105
40 a 50	2	25	50	2	25	75
51 a 65	2	25	50	2	25	25
66 forward	2	15	30	2	15	15
Total	13	190	450	13	150	470

Vessel

POLARIS- A 26' research vessel designed with a Yamaha 115 Hp outboard motor, 8.07 mt length (length), 2.37 mt beam (width) and 0.87 mt depth (height), with registration 2601104619-5. The maximum capacity of the boat is 10 people.

Condition: In general the boat and engine are functional, although it requires some maintenance details. Trailer needs attention in terms of maintenance.

With Maro's departure, Abelardo Castillo and Alan Gil Lafón are now in charge of monitoring the physical operations.

Maintenance

Agustín Cortés Building

Thanks to the Lend a Hand to CEDO campaign, with the support of volunteers and the CEDO team, the following work was carried out: repairing cracks and fallen plaster, sealing and painting the exterior walls of the building, hauling debris, and brushing and painting ironwork.

Vehicles

The proper work of the organization requires equipment, vehicles and infrastructure, so we highlight the complicated situations we had in 2023, two of our vehicles are out of service due to mechanical problems and have remained for more than half of the year in the mechanical workshop.

We had an accident with another vehicle, which made use of the policy for medical expenses and civil liability, which have not been reimbursed by the insurance company. Two vehicles were written off (Patfinder and Van, both of which are old).

VEHICLES CEDO 2023			
BRAND	MODEL	YEAR	STATUS
Toyota	Matrix	2003	FUNCTIONAL ENGINE, REQUIRES MAINTENANCE, AND AESTHETIC DETAILS
Ford	Explorer	2007	FUNCTIONAL ENGINE, REQUIRES MAINTENANCE, AND AESTHETIC DETAILS
Ford	Mercury / Mariner	2008	FUNCTIONAL ENGINE, REQUIRES MAINTENANCE, AND AESTHETIC DETAILS
Ford	Escape	2005	FUNCTIONAL ENGINE, REQUIRES MAINTENANCE, AND AESTHETIC DETAILS
Mitsubishi	L200	2010	BROKEN DOWN IN MACHINE SHOP

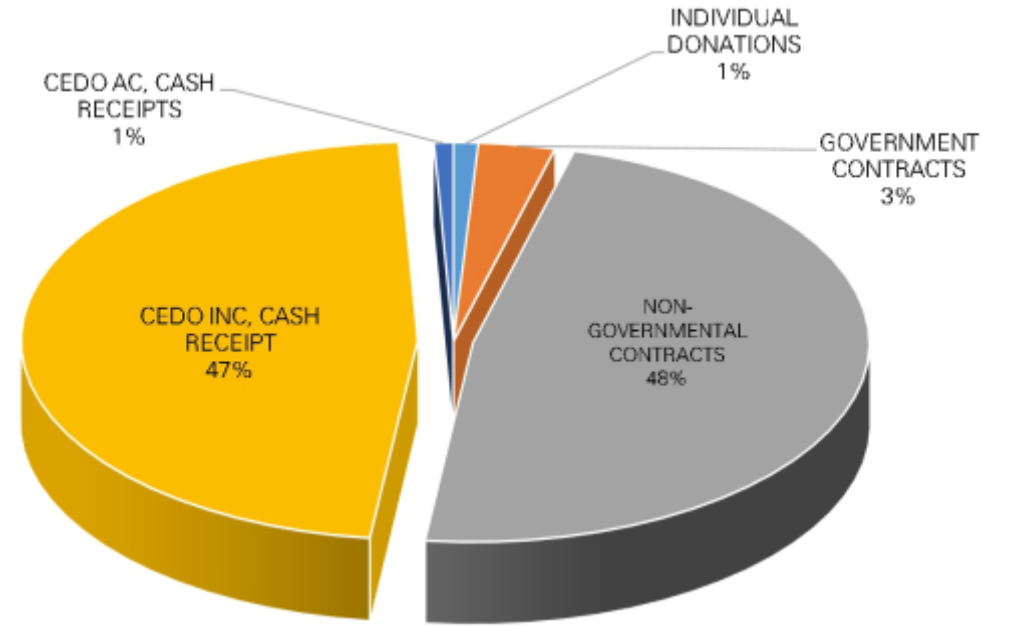


NOTES:

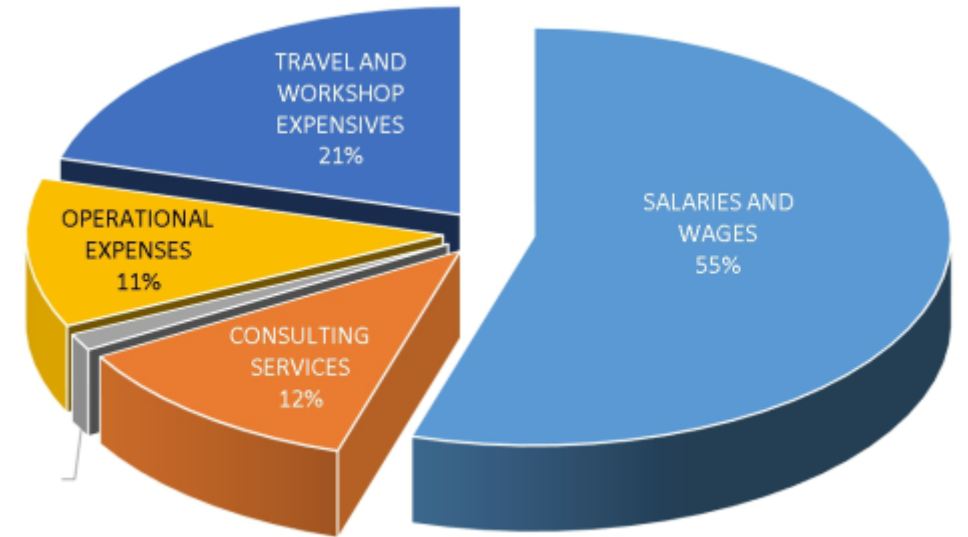
- During 2023, individual donations decreased 67% compared to 2022, even though an external agency was hired to support campaigns and advertising on social platforms. However, we received donations in kind for infrastructure repairs.
- Administrative expenses decreased by 9% due to the resignation of maintenance personnel.
- In the salaries of technical and administrative personnel, we had a 41% increase due to the return of almost all salaries to 100%. Since we continued with the internal agreement to accept a 25% decrease as a support to our organization.

Environment and Community CEDO (MAC)
Through this entity as an authorized grantee we increased the number of projects and income associated with projects, reducing the amount of inter-entity transfers, mainly from CEDO Inc.

Income



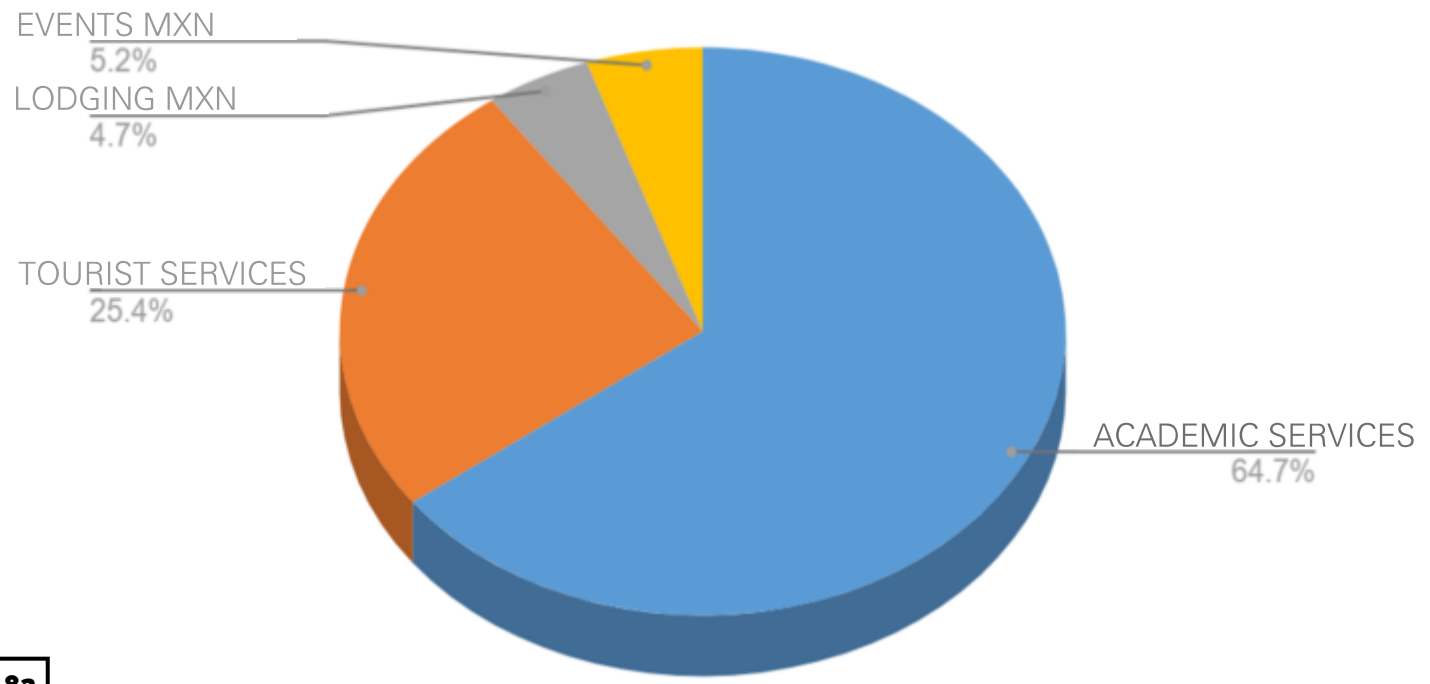
Expenses



**MEDIO AMBIENTE AND COMUNIDAD CEDO INCOME STATEMENT
JANUARY 1 TO DECEMBER 31, 2023**

REVENUES	YEAR 2023	YEAR 2022	DIFFERENCES
INDIVIDUAL DONATIONS	81,188.15	250,962.11	-67%
GOVERNMENT CONTRACTS	250,000.00	100,000.00	150%
NON-GOVERNMENTAL CONTRACTS	3,849,575.05	1,640,351.52	234%
CEDO INC, TRANSFER	3,807,750.08	3,869,422.76	-1%
CEDO AC, TRANSFER	62,950.00	0.00	100%
FUNDRAISING EVENTS		106,244.00	-100%
TOTAL REVENUES	8,051,463.28	5,967,000.39	
EXPENSES			
SALARIES AND WAGES	4,368,920.12	3,097,764.59	41%
CONSULTING SERVICES	942,527.09	733,957.59	29%
ADMINISTRATIVE EXPENSES	103,027.19	112,662.12	-9%
OPERATIONAL EXPENSES	920,136.63	508,689.76	81%
TRAVEL AND WORKSHOP EXPENSES	1,646,504.70	1,564,133.38	5%
TOTAL EXPENSES	7,981,115.73	6,017,207.44	
SURPLUS / DEFICIT	70,334.55	(50,207.05)	

ACADEMIC SERVICES MEXICO	\$195,974.93
TOURISM SERVICES	\$76,886.46
LODGINGS MEXICO	\$14,215.00
EVENTS MEXICO	\$15,703.22



Ecoshop

CEDO's gift store, a showcase for visitors to donate to CEDO's work through their purchases, was staffed by Noah Solis until November 2023, when Ariana Marlene Perea de Leon joined the team bringing a new vision and co-creating the CEDO Caravan as part of CEDOXperiences.

Sales fell short of the sales goal due to several factors, including the closing of the border between Sonora and Arizona.

Services

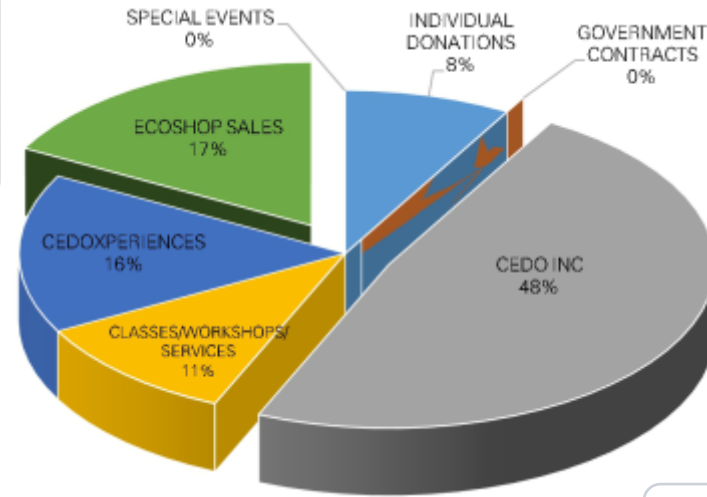
Among the services offered were the following:

Hydrological study for Sonoran Resorts.

Consulting services Puerto Peñasco photovoltaic power plant.

Finance
CEDO

Income



Finance
CEDO
Intercultural
Center for the
Study of
Deserts and
Oceans

Intercultural Center for the Study of Deserts and Oceans

Under this entity we concentrate businesses that include consulting, services, CEDO Xperiences and the EcoShop.

CEDO's level of operations and its cost of operations has decreased due to the reduction in rental rates achieved in the last year by moving our operations to the Community Foundation of Southern Arizona.

However, it is worth noting that this year we missed our fundraising goals for individual donations by about 30%.

**CENTRO INTERCULTURAL DE ESTUDIOS DE DESIERTOS Y OCEANOS A.C. INCOME STATEMENT
JANUARY 1 TO DECEMBER 31, 2023**

REVENUES	YEAR 2023	YEAR 2022	DIFFERENCES
INDIVIDUAL CONTRIBUTIONS	171,019.92	38,898.00	340%
GOVERNMENT CONTRACTS	0.00	205,000.00	%
CEDO INC, TRANSFER	998,167.75	809,930.67	23%
CLASSES / WORKSHOPS / SERVICES	218,727.83	0.00	
CEDO EXPERIENCES	325,750.06	130,219.37	150%
ECOSHOP SALES	354,622.80	383,622.80	7.55%
SPECIAL EVENTS	0.00	59,209.00	
TOTAL REVENUES	2,068,288.36	1,626,878.84	
EXPENSES			
SALARIES AND BENEFITS	663,757.38	374,496.31	77.24%
INDIRECT COSTS	27,997.00	35,895.59	-22%
CONSULTANTS	705,447.60	597,689.90	18%
OPERATIONAL EXPENSES	457,245.28	521,876.98	-12.38%
TOTAL EXPENSES	1,854,447.26	1,529,935.78	
SURPLUS / DEFICIT	213,841.10	96,943.10	

	\$ 157,159	\$159,118	\$(1,959)
Beginning balance / cash on hand			
(+) Cash Receipts			
Grants & contracts	—	—	—
Individual / small business contributions	60,760	95,704	(34,944)
Foundations / Trust grants	376,000	237,773	138,227
Naturarte and other program services	—	6,500	(6,500)
Nonprofit grants	5,000	15,000	(10,000)
Gift shop (NET)	335	—	335
Investment activity (NET)	10	11	(1)
Miscellaneous revenue	244	17	227
Program service fees	—	—	—
Total cash receipts	442,349	355,005	87,344
(-) Cash Payments			
Salaries, payroll taxes & fringe benefits	32,384	45,314	(12,930)
Contracts & consultants	17,090	18,100	(1,010)
CEDO Inter-entity expenses	301,338	235,861	65,477
Operations	16,983	21,620	(4,637)
Travel	207	13,180	(12,901)
Board Expenses	—	—	—
Other	723	7,507	(6,784)
Total cash payments	368,725	341,510	27,215
NET cash change (cash receipts – cash payments)	73,624		
Adjustment to convert from accrual to cash basis	4,552		
Ending cash position	\$235,335	\$157,159	\$78,176

Collection campaigns



Lend a Hand to CEDO: Total raised: \$ 210.00 dlls with 2 donors..
 Arizona Gives: Total raised: \$3,203.00 dlls with 30 donors.



Protecting Our Oceans: Total raised: \$776.06 dlls with 11 donors.



Giving Tuesday: Total raised in US: \$4,255.73 dlls with 34 donors. Total raised in MX: \$111.41 dlls with 2 donors.



Calls (Midyear and year-end): : \$25,805.00 dlls.



December Web page through Classy : \$5,105 dlls (including 8 recurring).



Tide Calendar 2024.

Projects Environment and Community CEDO



Fondo Mexicano para la Conservación de la Naturaleza



Nacional Monte de Piedad



Contract for services to comply with some points of condition 2 of the MIA of the Puerto Peñasco Photovoltaic Power Plant Project



Sustainable Fishing Plan



Smart Fish AC



Global Green Foundation



Government of the State of Baja California, SEPESCA

CEDO Projects Inc.



David and Lucile Packard Foundation, General Operations



David and Lucile Packard Foundation, leadership of civil society organizations



Boilard Memory Fund Making Visible the Invisible



MarIsla Foundation



Leuthold Family Foundation



Ocean Conservancy



Alumbra Innovations Foundation

Google

Resilience Initiative



Thank you to everyone who has contributed to our cause. We extend our heartfelt gratitude to each and every one of you. Thanks to your support, CEDO Intercultural has been able to continue its vital work of promoting vibrant communities and resilient ecosystems in the Upper Gulf, where the desert meets the sea. Your commitment and generosity inspire us to continue forward in our mission of conservation and environmental education. Special thanks to the fishing and aquaculture communities, students, and our donors who have trusted us and opened their homes to work together for nature.

All photographs by CEDO Archive.
Editorial design by Communication and Design, CEDO.

