

**U.S. Fish and Wildlife Service  
Division of International Conservation  
Wildlife Without Borders-Mexico Program FY 2013  
Summary of Projects**

In 2013, the USFWS awarded 21 projects from the *Wildlife Without Borders-Mexico Program* totaling \$686,813 which was matched by \$1,099,914 in additional leveraged funds. Field projects in Mexico and the United States are listed by region below:

**MEXICO**

**BAJA CALIFORNIA**

**Proposal # MX 13-041**

**Grant # F13AP00154**

*Land Use Zoning for the Implementation of Integrated Community Management and Design of Private Protected Areas and Water Funds for the Indigenous and Ejido Communities of the Arroyo Guadalupe and San Simon Watersheds, State of Baja California.* In partnership with Terra Peninsular, A.C. This grant will support the implementation of 21 workshops for 180 landowners on integrated community management techniques that promote the conservation of natural resources while contributing to their welfare and economic development. Topics will include zoning, design and implementation of management plans for private natural protected areas, payment for environmental services, and water funds. Four training manuals will be edited and distributed based on these topics. In addition, priority areas of conservation and restoration will be identified and water funds programs for future implementation in the Arroyo Guadalupe and San Simon watersheds will be designed.

FWS: \$36,000            Leveraged Funds: \$43,000

**Proposal # MX 13-050**

**Grant # F13AP00153**

*Smart Schools: Green Practices in Baja California, Mexico.* In partnership with San Diego Natural History Museum, this grant will support the implementation of a replicable model of environmental education that increases the number of schools, teachers, students, and community members to become long-term stewards of their local environment in Baja California. A Smart Schools planning committee will be established to design an environmental program specifically adapted to the needs and resources of two schools; two training workshops for up to 40 teachers based on the *Our Natural Heritage* curriculum will be implemented, and a brochure will be produced as an outreach tool to engage other schools in the area. Implementation of school/community projects will be guided by at least 80% of teachers trained and it is projected that more than 1,000 students, parents, community members, and the local environment will benefit from this project.

FWS: \$48,095            Leveraged Funds: \$38,286

**BAJA CALIFORNIA SUR****Proposal # MX 13-046****Grant # F13AP00271**

*A Workshop on Bio-Island Security for Natural Protected Areas Managers in Mexico.* In partnership with Grupo de Ecología y Conservación de Islas, A.C. This award will support the implementation of the first national workshop on the design, planning and implementation of island bio-security protocols for protected area managers and other key stakeholders. Project outcomes include the formulation of bio-security plans for three Natural Protected Areas (NPAs), and the implementation of a pilot test program in one NPA. A manual on early detection and monitoring of rodents and cats, as well as, a guide for the design of bio-security plans will be provided for the participants.

FWS: \$24,900

Leveraged Funds: \$1,868

**CAMPECHE****Proposal # MX 13-015****Grant # F13AP00266**

*Developing the Management Capacities and Skills for the Sustainable Use of Natural Resources and Biodiversity in the San Antonio Yaxche Community, State of Campeche.* In partnership with Fundación Haciendas del Mundo Maya, A.C. The grant will support hands-on training for 77 landowners and their families in the community of San Antonio Yaxche on best practices for intensive agricultural production systems in backyards, raising and handling of domestic animals, production of organic fertilizers, construction and use of biodigestors, and wood saving stoves. Two training workshops for community authorities on natural protected areas management, monitoring and patrolling, conservation strategies and payment for environmental services, as well as, the implementation of an environmental education program for children and youth will also take place.

FWS: \$18,141

Leveraged Funds: \$32,338

**CHIAPAS****Proposal # MX 13-007****Grant # F13AP00269**

*Training in Agroforestry Techniques for Ecological Restoration to Residents of the Nueva Palestina Locality of the Lacandon Rainforest, State of Chiapas.* In partnership with Etnobiología para la Conservación, A.C. The award will support three training workshops and the production of a manual on applied ecological restoration techniques for degraded tropical rain forests. The manual will be used by professors and students at two Science and Technology Colleges (CECYT) located in Nueva Palestina. The training is a combination of traditional sustainable agricultural knowledge of the Lacandon Mayan and Tzetzal communities, sound restoration techniques and research, fieldwork, and visits to restoration parcels. As part of the

CECYT graduation requirements, the students will implement restoration projects in their communities for a minimum of 480 hours of community work.

FWS: \$25,000            Leveraged Funds: \$22,302

**Proposal # MX 13-018**

**Grant # F13AP00862**

*Enhance Community Capacity to Own, Manage, and Benefit from REDD+ in the Sierra Cojolita Communal Reserve.*” In partnership with Ecologic Development Fund.

This grant will support capacity building among three indigenous communities to design a REDD+ (Reducing Emissions from Deforestation and Forest Degradation) socially equitable and economically sustainable pilot project that will protect one of Mexico’s most biodiverse and critically threatened regions. Project activities include implementation of the phase II of the Free, Prior, and Informed Consent (FPIC) process- and 7-8 workshops (serving at least 500 people) on REDD+ information, social biodiversity impact assessment, conflict mediation/GPS training, participatory mapping, and analysis and strategies to past barriers to conservation. In addition, a communal land use management plan that supports the long-term socio economic and environmental sustainability of the Reserve will be developed.

FWS: \$50,000            Leveraged Funds: \$143,368

**Proposal # MX 13-033**

**Grant # F13AP00184**

*Strengthening the Environmental Culture and Community Based Science in La Encrucijada Biosphere Reserve, State of Chiapas.* In partnership with Tierra Verde Naturaleza y Cultura, A.C. This grant will aid in strengthening the environmental culture of the Salto de Agua and Ceniceros residents, as well as increasing the capacity of the Reserve personnel (managers, park rangers, fire brigades) to monitor species and deliver environmental education.

The recipient will implement several activities including bat-themed environmental education, observation and monitoring activities for youth members of the “Bat Conservation Club” and an assessment of the impact of previous environmental education activities to identify best practices and areas in need of improvement. Workshops are also planned to address the following topics: environmental education and natural resources conservation for National Commission of Natural Protected Areas personnel working in the Reserve; environmental awareness for landowners, fishermen, farmers and cattle breeders; and wildlife monitoring techniques for community promoters. A community-based science forum to present the findings gathered by the community members will also be organized. In addition, the grant will support the implementation of wildlife monitoring and data collection activities and the publication of the “Popular Science Journal of La Encrucijada.

FWS: \$38,000            Leveraged Funds: \$11,742

**Proposal # MX 13-049****Grant # F13AP00155**

*Voices from the Mist, State of Chiapas.* In partnership with PCI Media. Through this grant, PCI Media will develop the capacity of at least 25 local NGOs to use communication tools that promote behavior change for the effective conservation of the rainforest, biodiversity and freshwater ecosystems of the Sierra Madre Mountains and the Chiapas' coast. A communications strategy will also be designed, including the production and broadcast of an entertainment-education radio serial drama to inform and engage the population of seven target communities in Chiapas.

FWS: \$30,000      Leveraged Funds: \$45,110

**COAHUILA****Proposal # MX 13-035****Grant # F13AP00265**

*Training on Management of Conflicts between Carnivores and Human Activities in Northeastern Mexico.* In partnership with Protección de la Fauna Mexicana, A.C. Through this grant, PROFAUNA will train a group of 30 resource managers from the border states of Coahuila, Nuevo Leon and Tamaulipas to improve their formal training in human-wildlife conflict resolution. The training will consist of field techniques, ecology, behavior, management of carnivores, facilitation and mediation techniques to work with landowners, and the development of field protocols. Required tools and equipment will be donated to participating government agencies upon the completion of this training.

FWS: \$34,695      Leveraged Funds: \$35,160

**MICHOACÁN****Proposal # MX 13-005****Grant # F13AP00268**

*Mitigating the Impacts of Climate Change in the Monarch Butterfly Biosphere Reserve (MBBR) by Building Strategic Alliances among Stakeholders, State of Michoacán.* In partnership with Alternare, A.C. The grant will support the implementation of actions to mitigate the impacts of climate change on the Monarch Butterfly Biosphere Reserve (MBBR) ecosystems. In addition, it will strengthen the capacities of local communities to sustainably use their natural resources, generate synergies and establish strategic linkages among key stakeholders working in the area. Products include a comprehensive communication strategy for stakeholders, a community-monitoring network, and ten training workshops for 160 peasant farmers from eight core and buffer communities in the MBBR

FWS: \$25,000      Leveraged Funds: \$259,400

**Proposal # MX 13-031****Grant # F13AP00267**

*A Strategy for the Conservation and Sustainable Management of Natural Resources in the Ejido of Tumbisca, State of Michoacán.* In partnership with the National School of Superior Studies of the National Autonomous University of Mexico, this grant will support workshops on community governance, participation, decision making, and zoning; the organization of exchange visits to neighboring communities that are successfully managing their natural resources; and the implementation of workshops on sustainable forest management and ecoagricultural techniques. In addition, a training program for 12 environmental community promoters will be developed and implemented.

FWS: \$24,985

Leveraged Funds: \$15,585

**NATIONAL LEVEL - MEXICO****Proposal # MX 13-019****Grant # F13AP00156**

*Strengthening Institutional Self-Training Capacities on Wildlife Trade and Trafficking Topics Among Enforcement Authorities in Mexico.* In partnership with World Wildlife Fund and TRAFFIC North America. The grantee will work in in close coordination with the Office of the Attorney General for the Protection of the Environment (PROFEPA) to implement one national capacity building “train the trainer” workshop targeted at government officials from the most relevant regions in Mexico linked to the law enforcement, monitoring, control and conservation of natural resources in the country. Distributed materials will guarantee access to state-of-the-art training and reference materials, as well as specialized tools to enhance the capacity of trainees and the institutions they represent to address the illegal wildlife trade.

FWS: \$39,997

Leveraged Funds: \$15,035

**NORTHWESTERN MEXICO****Proposal # MX 13-042****Grant # F13AP00272**

*The RED Sustainable Tourism: Linking Stewardship of Natural Resources to Sustainable Economic Alternatives Project.* In partnership with the International Community Foundation and RED Sustainable Tourism Project (RED). The grant will support capacity building activities to address the loss of species and habitat destruction in the communities of Cabo Pulmo, Magdalena Bay, Las Animas (Baja California Sur) and Marismas Nacionales (Nayarit). The benefits to the communities include training for community members in sustainable tourism practices that contribute to natural resources conservation and comply with the highest eco-tourism standards. In addition, personnel from natural resources agencies working in the Cabo Pulmo National Park will receive training in best management practices.

An academic alliance will be formed with the Autonomous University of Baja California Sur to provide a setting for college students to participate in RED's projects and activities.

FWS: \$25,000      Leveraged Funds: \$86,104

## **NUEVO LEON**

### **Proposal # MX 13-017**

#### **Grant # F13AP00157**

*Capacity Building for Sustainable Wildlife Management on Private Lands in Mexico.* In partnership with Texas A&M University-Kingsville. This award will support the implementation of the Wildlife Use and Conservation Units" (UMAs) system and promote sound and sustainable wildlife management practices. Two workshops will be implemented. The first workshop will be held in Kingsville, Texas and will provide hands-on experience to 16 private ranchers from Monterrey, Mexico on wildlife and habitat management skills, as well as, collecting census and data management techniques. The second workshop will take place in Monterrey, Mexico and will address effective wildlife habitat management practices and economic opportunities for up to 50 landowners from the states of Nuevo Leon and Coahuila. A book about successful wildlife enterprises will also be distributed among the participants and relevant audiences throughout Mexico.

FWS: \$25,000      Leveraged Funds: \$42,786

## **SINALOA**

### **Proposal # MX 13-039**

#### **Grant # F13AP00185**

*An Environmental Educators' Network II, State of Sinaloa.* In partnership with Centro de Investigación en Alimentación y Desarrollo, A.C. This grant will strengthen an existing network of citizens and youths committed to the conservation of the coastal wetlands of Matzatlan, state of Sinaloa, Mexico. The grant will develop environmental and outreach materials for the youth, train residents/users of the Barron and Walamo wetlands on the sustainable use of natural resources techniques and economic and development alternatives, and develop a new Youth Environmental Advocates Network four-module training program on topics such as ecology, restoration, management and planning of wetlands, environmental awareness, outreach and education.

FWS: \$22,590      Leveraged Funds: \$99,875

## **STATE OF MEXICO**

### **Proposal # MX 13-013**

#### **Grant # F13AP00270**

*A Landscape and Biodiversity Conservation Training Program for the Users and Residents of the Xochimilco and San Gregorio Atlapulco Natural Protected Area, State of Mexico.* In partnership with Restauración Ecológica y Desarrollo, A.C. (REDES). Through this grant, REDES will implement an intensive hands-on training program for young local residents and users of the Atlapulco natural protected area focused on environmental education, sustainable agricultural production techniques, ecosystem management and restoration techniques, invasive species control, climate change and native species conservation. The award will also support the implementation of individual restoration projects in the *chinampas* of all program participants and a public outreach program.

FWS: \$40,000      Leveraged Funds: \$11,281

## **TLAXCALA**

### **Proposal # MX 13-022**

#### **Grant # F13AP00159**

*School for Rural Environmental and Development Advocates, 2013, State of Tlaxcala.* In partnership with Centro Campesino para el Desarrollo Sustentable, A.C. (Campesino, AC). Through this grant, Campesino AC will provide specialized training to a group of 20 extension workers/promoters from five NGOs and community groups to serve as future instructors on sustainable land use techniques. Topics include leadership, social values and the environment, gender roles, sustainable development, communication methods and outreach tools, community organization, participatory planning, agroecological farming techniques, legal framework and environmental laws, adaptive management, capacity building, and problem-solving.

FWS: \$38,000      Leveraged Funds: \$69,277

## **VERACRUZ**

### **Proposal # MX 13-010**

#### **Grant # F13AP00158**

*Technology and Community Knowledge: A Formula for the Restoration of the Mesophilic Cloud Forest in Mexico.* In partnership with Pronatura Mexico, A.C. The grant will update and improve the quality of the certificate course on cloud forest restoration as a tool to strengthen the capacities of decision makers, field technicians, natural resources administrators, conservation leaders, university students, and land owners from all over Mexico. This will include the enhancement of the current virtual training platform, learning tools (webinars and video segments) and teaching materials. The grant will also deliver a 3<sup>rd</sup> edition of the “Mesophilic Cloud Forest Restoration Techniques” certificate, and provide technical support and guidance to the certificate participants in the implementation of several cloud forest conservation projects in different regions of Mexico.

FWS: \$33,000      Leveraged Funds: \$70,957

**Proposal # MX 13-053****Grant # F13AP00263**

*Promoting Meliponiculture as Strategy for Conservation and Restoration of Nectar-Polliniferous Flora and Native Bees in the Municipality of Atzalan, State of Veracruz.* In partnership with Instituto de Ecología, A.C. (INECOL). This grant will support the delivery of multiple training workshops for 70 producers from 39 localities on sustainable beekeeping managing techniques. The workshops will cover many topics including biology, behavior, monitoring, distribution and identification of Melipona bees foraging areas, collection techniques, reproduction of nesting plants key to bee survival, habitat restoration and conservation practices, as well as sustainable honey harvesting techniques.

FWS: \$24,750

Leveraged Funds: \$38,440

**UNITED STATES****UNITED STATES****Proposal # MX 13-054****Grant # F13AP00183**

*The Association of Fish & Wildlife Agencies (AFWA) and Border Wildlife State Agencies Participation at the 2013 Canada/Mexico/US Trilateral Committee for Wildlife and Ecosystem Conservation and Management.* AFWA and state participants will share technical information, updates on species management, and progress made at the Wildlife Working Group under the Border Governors Conference. In addition, they will provide a report on their activities during the 2013 Trilateral Committee. U.S. border natural resource and wildlife agencies are vital partners of the Trilateral Committee and their participation promotes U.S. Interests *vis a vis* the Governments of Mexico and Canada.

FWS: \$8,660

Leveraged Funds: \$18,000

**Amendments to Existing Grants****NATIONAL LEVEL****Proposal # MX 12-073****Grant # F12AC01307**

*Training for Conservation.* In partnership with the National Council for Protected Areas of the Government of Mexico (CONANP), the National Institute of Ecology of the Government of Mexico and Climate Change, and the Mexican Fund for the Conservation of Nature. This grant was amended to strengthen the capacity of CONANP's park rangers to manage and conserve important protected areas in Mexico, critical to biodiversity. This serves as a modification to an existing grant that supported a successful park rangers training program. The modification will train an additional 100 rangers, through four workshops, serving four additional regional areas. This modification effectively doubles the original goals of the project, covering all nine regional areas of CONANP and benefiting over 150 natural protected areas in Mexico, including a significant number along the U.S.-Mexico border.

FWS: \$75,000

Leveraged Funds: \$0