



African and Asian Elephant Conservation Funds FY2013

Awarded 58 grants totaling \$3,570,140 with \$7,189,206 in non-Federal matching funds.

African Elephant Conservation Fund

Summary:

- Awarded 29 grants totaling \$1,922,777 and non-Federal match of \$4,725,477.
- Grants will support field projects at 23 sites in 12 African countries.
- Funds will support one project involving all African elephant range states and two projects in consumer countries.
- The Save Vanishing Species semi-postal stamp (issued by the U.S. Postal Service in partnership with U.S. Fish and Wildlife Service) is specifically designed to help fund conservation programs abroad, including two grants totaling \$127,621.48 (with \$209,931.50 matching funds) for African elephant conservation projects.

Projects:

Chad

Zakouma National Park anti-poaching and rapid intervention.

In partnership with the African Parks Network. Funding will support essential anti-poaching activities including ranger training and installing a radio network in Zakouma, Chad. Savannah elephants on the northern extent of Central Africa were decimated in the years preceding 2008, but through recruiting able-bodied rangers, professional training, regular provision of supplies and improved effectiveness poaching has decreased drastically and elephant numbers have stabilized.

FWS: \$115,350
Leveraged funds: \$300,028

Republic of Congo

Securing a refuge for elephants in Conkouati-ouli National Park through ecotourism development and informed anti-poaching efforts.

In partnership with the Wildlife Conservation Society. This project supports anti-poaching activities and foot surveys to identify elephant population trends and areas of poaching, and infrastructure to promote tourism to the area in southwestern Republic of Congo.

FWS: \$122,089
Leveraged funds: \$88,980

Conservation of forest elephants in the Ogooue-Leketi National Park - Phase IV.

In partnership with the Wildlife Conservation Society. The grantee continues to monitor elephants in the Congo side of the Bateke landscape, in addition to training local students and conservationists, and providing protection through observer presence at sensitive sites frequented by elephants.

FWS: \$113,268
Leveraged funds: \$45,232

Elephant conservation in the Lac Tele Community Reserve.

In partnership with the Wildlife Conservation Society. The grantee supports anti-poaching patrols and is establishing three basic camps to improve security for elephants and other endangered species (including gorillas and chimpanzees) in and around the Lac Tele Community Reserve.

FWS: \$108,597
Leveraged funds: \$53,451

Democratic Republic of Congo

Deployment of a bloodhound unit for elephant protection in Virunga National Park.

In partnership with the African Conservation Fund. Funds will be used to support the final phase in training and deployment of a team of five bloodhounds and handlers from the national park staff in Virunga National Park. These teams are specifically trained to track poachers and have already been successful in locating poachers, weapons and ivory.

FWS: \$75,177
Leveraged funds: \$115,363

Gabon

Long-term acoustic monitoring of critical forest elephant populations.

In partnership with Cornell University. The grantee is developing and expanding the use of acoustic recording devices in providing information about imperiled forest elephants that are very difficult or costly to monitor by direct observation or traditional transects. The grant will train Gabonese and Congolese students in monitoring and analyzing elephant activity at five sites (Jobo/Djoumou River; Precious Woods, Langoue Bai, Kessala, and northern Congo bays), and is further developing a tool to analyze elephant calls on recordings to interpret data more easily and rapidly for long-term elephant population monitoring.

FWS: \$114,278
Leveraged funds: \$53,721

Kenya

Prevention of illegal killing of elephants for ivory in the Laikipia ecosystem.

In partnership with Space for Giants. This grant supports an initiative to coordinate wildlife security efforts across private ranches, community areas and nationally protected areas in Laikipia, Kenya. Activities include establishing a security network across properties and agencies in collaboration with the Kenya Wildlife Service, providing support to a new mobile rapid response team, and increasing community support for wildlife protection initiatives through outreach activities.

FWS: \$89,344

Leveraged funds: \$140,917

Wildlife patrols on Mount Kenya: the joint wildlife protection team.

In partnership with the Mount Kenya Trust. This grant supports joint law enforcement efforts of the Mount Kenya Trust and Kenya Wildlife Service to decrease poaching of elephants and other illegal activities on the slopes of Mount Kenya. Specific activities include training and supporting teams to conduct anti-poaching patrols; collect information on poaching activities and wildlife presence; combat illegal land clearing and cultivation within the park; construct housing for wildlife personnel; and support outreach activities including wildlife clubs in schools.

FWS: \$49,720

Leveraged funds: \$48,224

Support the purchase of a motor vehicle to improve the security and monitoring of the elephants in Mpus Kutuk Conservancy, Northern Kenya.

In partnership with the Northern Rangelands Trust. The grantee will expand the coverage and effectiveness of ranger patrols to reduce poaching in Mpus Kutuk Community Conservancy in Kenya's northern rangelands through the provision of a vehicle to enhance ranger mobility and response, facilitate the coordination of cross-conservancy patrols, and improve elephant monitoring and protection.

FWS: \$47,000

Leveraged funds: \$35,574

Mali

Operations support for the Wildlife Action Group - Malawi for the protection of the Thuma Forest Reserve and Dedza-Salima Forest Reserve elephant population.

In partnership with the Wildlife Action Group. Funds support the operating

costs of anti-poaching scouts in two forest reserves that serve as one of the last refuges for elephants near Lake Malawi. Specific activities include operating costs for the team of twenty scouts and a manager; rations and equipment for patrols, installation of a new radio communications system, basic training, and agricultural extension work and fence maintenance to minimize conflict with local farmers.

FWS: \$68,286

Leveraged funds: \$69,440

The Mali Elephant Project, Phase III: Managing Human-Elephant Contact.

In partnership with the WILD Foundation. This program works with local pastoralists and farmers to secure access to forage and water for Africa's northernmost elephant population in the Gourma region. Building on past successes in spite of regional instability, activities include continuing expansion of the community resource management program into additional areas.

FWS: \$49,993

Leveraged funds: \$447,709

South Africa

The Trans-boundary Elephant Research Program with Great Limpopo National Park.

In partnership with Save the Elephants. This project analyzes elephant movements and long-term patterns within Kruger National Park, South Africa's largest elephant population, and outside into village land and hunting blocks to better understand elephant habitat needs and how management decisions alter elephant behavior and distribution.

FWS: \$65,018

Leveraged funds: \$2,058,454

Tanzania

Assessing patterns of poaching risk in relation to resource-constrained distribution of Mikumi elephants for a long-term elephant protection and management strategy.

In partnership with the Animal Behavior Research Unit in Mikumi National Park. This project supports Tanzania National Parks (TANAPA) to improve their ability to protect elephants by assessing elephant distribution and habitat use, threats and poaching activity, and deploying patrol effort effectively within Mikumi National Park.

FWS: \$38,955*

Leveraged funds: \$61,140

Monitoring the long-term effects of poaching on elephants in southern Tanzania.

In partnership with the Udzungwa Elephant Project. In response to widespread elephant poaching throughout southern Tanzania, this organization is working to protect a key population near Tanzania's elephant strongholds of Selous and Ruaha. Activities include training staff from Tanzania's wildlife research institute, TAWIRI, assessing four elephant populations for early warning signs of decline, and training national park staff in monitoring elephant populations and conducting anti-poaching activities.

FWS: \$34,792*

Leveraged funds: \$73,840

Support for aerial operations and law enforcement activities for Selous Game Reserve.

In partnership with Grzimek's Help for Threatened Wildlife, Inc./Frankfurt Zoological Society. The Selous, formerly the second most numerous elephant population in Africa, has been heavily hit by poaching this past decade. This project will reinvigorate anti-poaching efforts in the Selous by supporting operating expenses for an aircraft to conduct aerial surveillance, for patrol vehicles and for basic equipment for rangers throughout the reserve.

FWS: \$54,780

Leveraged funds: \$51,250

Supporting village game scouts on Waga Wildlife Management Area in the Ruaha ecosystem.

In partnership with the Wildlife Conservation Society. In order to improve patrol efficiency, this project funds village game scout anti-poaching patrols and the pilot phase of a spatially explicit law enforcement monitoring technique, SMART (Spatial Monitoring and Reporting Tool), in the community-owned Waga Wildlife Management Area bordering Ruaha National Park in Tanzania.

FWS: \$71,783*

Leveraged funds: \$48,892

Uganda

Protecting the recovery of elephants in southern Murchison Falls Conservation Area.

In partnership with Uganda Conservation Foundation. This project works with the Uganda Wildlife Authority to improve security for elephants in Murchison Falls National Park. Funds support improved ranger coverage and law enforcement in the core

elephant habitat, follow-up investigations when elephants are poached, and establishing an outreach and education program.

FWS: \$39,460

Leveraged funds: \$56,160

Zambia

*Support for law enforcement officer housing improvements to enhance the protection of elephant, *Loxodonta africana*, in North Luangwa National Park.*

In partnership with Grzimek's Help for Threatened Wildlife, Inc./Frankfurt Zoological Society. Funding will be used to build 24 houses for wildlife police officers and their families at North Luangwa National Park's headquarters at Mano. In order to increase anti-poaching patrols and security for the region's elephants and other wildlife, the Zambian Wildlife Authority (ZAWA) is transferring more staff to the area and additional housing is required.

FWS: \$8,640 (Leveraged funds were reported in previous years and cannot be counted again here.)

Conservation lower Zambezi village scout unit.

In partnership with Conservation Lower Zambezi. Funding will support the employment, training, and equipping of twenty village game scouts in the Chiawa Game Management Area adjacent to Lower Zambezi National Park in southern Zambia. These scouts will be trained and managed by an experienced anti-poaching officer; will be employed through the local Community Resource Board; and will operate on joint patrols with wildlife police officers from ZAWA.

FWS: \$79,030

Leveraged funds: \$52,320

*Operational vehicles and aerial support for elephant (*Loxodonta africana*) conservation in North Luangwa National Park.*

In partnership with Grzimek's Help for Threatened Wildlife, Inc./Frankfurt Zoological Society. This grant will support ongoing core operational and anti-poaching expenses in and around one of Zambia's most important wildlife areas, North Luangwa. Funds will be used to support operating costs of ground patrols conducted by ZAWA, and operating costs of an aircraft for aerial patrolling and surveillance.

FWS: \$55,132 (Leveraged funds were reported in previous years and cannot be counted again here.)

Support for law enforcement activities and protection of elephants in North Luangwa National Park.

In partnership with Grzimek's Help for Threatened Wildlife, Inc./Frankfurt Zoological Society. Funding will support the purchase of new equipment and consumable supplies and support essential road maintenance for park management purposes in North Luangwa National Park in Zambia. Funds will purchase rations for field patrols, upgrade the radio system for law enforcement communications, and improve park facilities.

FWS: \$54,953 (Leveraged funds were reported in previous years and cannot be counted again here.)

Law enforcement and field support for African elephant conservation in Nsumbu National Park.

In partnership with Conservation Lake Tanganyika. This grant will purchase, equip, maintain and operate a patrol boat for regular patrols and deployments by ZAWA Wildlife Police Officers to increase protection of elephants against poaching in Nsumbu National Park, along Lake Tanganyika.

FWS: \$22,777

Leveraged funds: \$66,982

Conserving vital habitat for the elephant population of Kasanka National Park.

In partnership with the Kasanka Trust. This project strengthens elephant conservation in and around Kasanka National Park in Zambia by increasing law enforcement and community outreach capacity. Specific activities include support to scout patrols and to the HEC mitigation program, purchase of a vehicle, and making elephant monitoring and observation data useful for land-use decisions.

FWS: \$99,779

Leveraged funds: \$428,129

Utilizing critical village scout ground patrols, aerial surveillance and monitoring to improve elephant protection in the South Luangwa Valley.

In partnership with the South Luangwa Conservation Society. Funding supports ground patrols by village scouts in Kakumbi and Mkhanya Chiefdoms in the Lupande Game Management Area and aerial surveillance in and around the South Luangwa National Park, Zambia. Activities are conducted in collaboration with local Community Resource Boards and the Zambia Wildlife Authority.

FWS: \$87,756

Leveraged funds: \$248,038

Improving understanding of elephant and other large mammal populations through a sample aerial survey of the Lower Zambezi region.

In partnership with Conservation Lower Zambezi. This project improves wildlife management by providing updated and accurate information on the elephant and large mammal population, and assessing the effectiveness of anti-poaching efforts in the Lower Zambezi National Park, Zambia.

FWS: \$35,220

Leveraged funds: \$68,334

Zimbabwe

Strengthening the protection of elephants along target regions within the Gonarezhou National Park to reduce poaching and enhance cross-border connectivity.

In partnership with Grzimek's Help for Threatened Wildlife, Inc./Frankfurt Zoological Society. The grantee is expanding ranger presence in the Zimbabwean portion of the Great Limpopo Transfrontier Conservation Area by establishing new ranger bases and a patrol regime along the boundary with Mozambique.

FWS: \$55,880

Leveraged funds: \$71,910

Multiple Range States and Consumer Nations

Supporting core activities of the Secretariat of the IUCN/SSC African Elephant Specialist Group.

In partnership with IUCN (International Union for Conservation of Nature). This project provides ongoing financial support to the African Elephant Specialist Group (AfESG) Secretariat to compile and synthesize information on the conservation and status of the African elephant, and to provide and improve technical information and impartial advice to range state and non-range state governments, non-governmental organizations and inter-governmental organizations in order to improve conservation effectiveness.

FWS: \$50,050

Leveraged funds: \$19,700

Strengthening government action against illegal ivory trade in the Philippines through targeted training.
In partnership with TRAFFIC International. This project is producing training materials and conducting training workshops to build the capacity of enforcement agencies in Manila to identify and take action against illegal ivory trafficking.

FWS: \$59,523

Leveraged funds: \$14,681

Operation Cleanup - decreasing the illegal trade of tigers, elephant ivory and rhino horn through targeted action in Thailand, China and Vietnam.

In partnership with FREELAND Foundation. The purpose of this project is to increase cross border information sharing on tiger, elephant ivory and rhino horn trade between law enforcement agencies in Southeast Asia and to improve performance of Thai, Vietnamese and Chinese law enforcement officers in identifying and arresting high level tiger, elephant ivory and rhino horn traffickers.

FWS: \$56,147

Leveraged funds: \$7,008

** Projects supported with funds from USAID-Tanzania*

Asian Elephant Conservation Fund

Summary:

- Awarded 29 grants totaling \$1,647,363 and non-Federal match of \$2,463,729.
- Grants will support field projects in eight elephant range countries.
- The Save Vanishing Species semi-postal stamp (issued by the U.S. Postal Service in partnership with U.S. Fish and Wildlife Service) is specifically designed to help fund conservation programs abroad, including six grants totaling \$390,585.47 (with \$248,014 matching funds) for Asian elephant conservation projects.

Projects:

Cambodia

Protecting the Asian elephants of the Southern Cardamom Mountains.

In partnership with Wildlife Alliance. The purpose of this project is to support the Southern Cardamom Forest Protection Program rangers so they can continue their daily year-round patrols. Teams rotate to ensure coverage during public holidays because it is the peak time for wildlife and timber transports and traders expect ranger stations to be unattended during holidays.

FWS: \$48,885

Leveraged funds: \$246,967

Asian elephant conservation education through Kouprey Express.

In partnership with Wildlife Alliance. The purpose of this project is to continue to provide environmental education to rural and impoverished communities living in the midst of wild Asian elephants in the Cardamom mountains of Cambodia. The threats addressed include habitat loss, poaching, and wildlife trade.

FWS: \$58,742

Leveraged funds: \$268,656

Building national consensus for Asian elephant conservation.

In partnership with Fauna and Flora International. The purpose of this project is to ensure conservation efforts for the Asian elephant in Cambodia are enhanced through the development of a National Action Plan. The project will also evaluate distribution and intensity of HEC and the effectiveness of mitigation methods while strengthening local management.

FWS: \$58,943

Leveraged funds: \$107,382

Elephant conservation and capacity-building in Seima Protection Forest: Year 7.

In partnership with Wildlife Conservation Society. This project will increase intensity of field monitoring by law enforcement staff in and around elephant hotspots; improve capacity to monitor existing forest encroachment; inform the project in real-time of emerging threats; and adapt management strategies accordingly. The project will also establish a community-based patrolling system to monitor remote parts of the project area under threat from deforestation, where there is infrequent ranger patrol.

FWS: \$57,461

Leveraged funds: \$57,941

China

Sharing space with China's elephants.

In partnership with International Fund for Animal Welfare. The purpose of this project is the expansion of public education programs for three target audiences in Yunnan: local communities, tourist parks and schools. Elephant and human safety education will be carried out in Pu'er. During wildlife protection education months (January and February) more tailor-made public service announcements will be provided to additional villages. There will be a training workshop for about 60 tour guides and managers at Wild Elephant Valley, and for officials and tour operators from Pu'er Tourism Bureau on elephant conservation and animal welfare.

FWS: \$45,052

Leveraged funds: \$85,555

India

Conservation of Asian elephant through community participation in North Kanara Landscape, Karnataka State.

In partnership with Wildlife Research and Conservation Society. The purpose of this project is to achieve conservation of the Northern Karnataka elephant population through mitigation of HEC and knowledge-based conservation planning. By reducing crop damage in the project area, the organization hopes to raise the tolerance of farmers to elephant presence and contribute to conservation of elephants. HEC is expected to increase as many farmers in the project area plan to grow sugarcane.

FWS: \$32,850

Leveraged funds: \$1,250

Save Asian elephants by empowering community (SEEC): Phase II- an initiative in the eastern part of Chirang Ripu Elephant Reserve.

In partnership with Aaranyak. The purpose of this project is to secure the elephant corridor and prevent further degradation; regain the willingness of community participation in the eastern part of Chirang-Ripu Elephant Reserve through plantation; monitor the movement of elephants in fragmented habitat; and implement diversified HEC mitigation measures.

FWS: \$ 54,895

Leveraged funds: \$ 12,230

Improving the protection of Asian elephants and their habitat by setting up community-based GPS patrolling in Kachugaon Forest Division under Ripu Reserve Forests of Chirang Ripu Elephant Reserve.

In partnership with Aaranyak. The purpose of this project is to strengthen the protection of the Asian elephant and its habitats through setting up GPS-based patrolling. The project will train 100 conservation volunteers and approximately 40 frontline Forest Department staff on GPS usage, data collections, including wildlife sightings, threats and mortality. Maps of key threats such as poaching and illegal logging hot spots will be prepared.

FWS: \$58,150

Leveraged funds: \$99,342

Haathi goes to school in Assam.

In partnership with Aaranyak. The purpose of this project is to educate teachers/NGOs about the cultural and ecological importance of Asian elephants and conservation problems associated with elephants; teach these individuals about the sensitive nature of HEC and coexistence; and create a trained group of teachers/educators who will use teaching techniques that motivate students and local audiences to bring about attitudinal change in the community.

FWS: \$49,992

Leveraged funds: \$30,824

Ensuring continued functionality of the critical Kanchanjuri-Anguri wildlife corridor in Kaziranga Karbi Anglong Landscape (Assam), through generating community support.

In partnership with WWF-India. The purpose of this project is to manage human elephant conflict (HEC) in the project area by forming Anti-Depredation Squads (ADS), one in each project village; train ADS members (40 people) and villagers by WWF and experienced Forest Department personnel; support a village in erecting and maintaining an electric fence (3 miles in length); and monitor and evaluate the implementation of various HEC mitigation methods. The project will also support alternative livelihood opportunities for local communities.

FWS: \$50,000

Leveraged funds: \$23,035

Sustainable women's livelihood and conservation of Asian elephants around Manas National Park.

In partnership with Aaranyak. This project will strengthen women's groups to be self-sustainable by scaling up and replicating successful livelihood models in adjacent areas around Manas National

Park. It will restore community support for conservation of Asian elephants and other wildlife. This project builds on a previous successful grant.

FWS: \$50,560

Leveraged funds: \$5,690

Strengthen the protection measures for Asian elephants by involving fringe villagers in Manas National Park - Phase VII.

In partnership with Wildlife Areas Development and Welfare Trust. The purpose of this project is to financially support volunteers who will work with Manas National Park Forest Department patrol staff for 12 months. The volunteers help improve the overall security of Manas National Park elephants, rhinos and tigers and their habitat.

FWS: \$36,740

Leveraged funds: \$58,900

Indonesia

Saving the elephants of Bukit Tigapuluh (Sumatra) with GPS and GIS - Phase II.

In partnership with Grzimek's Help for Threatened Wildlife, Inc. The purpose of this project is to promote a peaceful coexistence between Sumatran elephants and people. Old and inactive elephant collars will be removed and replaced, and elephant movements will be monitored for habitat utilization, home range, and human-elephant conflict. The data will provide the information needed to create and update management and conservation action plans, which will allow the Indonesian government and the private sector to implement elephant-friendly management actions.

FWS: \$41,580

Leveraged funds: \$101,660

Towards a peaceful coexistence between humans and elephants in Bukit Tigapuluh - Phase IV.

In partnership with Grzimek's Help for Threatened Wildlife, Inc. The purpose of this project is to initiate, supervise and support community based HEC mitigation in order to decrease losses and damages caused by elephants and thus the risk of elephants getting killed or injured by frustrated and/or ruined farmers.

FWS: \$39,070

Leveraged funds: \$28,740

Support for Sumatran elephant Conservation Response Units (CRU).

In partnership with International Elephant Foundation. The purpose of this project is to protect Sumatran elephants and their habitat by continuing

to provide assistance to the government and local communities living adjacent to elephant habitat. This project empowers local communities through the operation of CRUs, which are elephant-backed patrol units.

FWS: \$54,000

Leveraged funds: \$93,350

Revitalizing community capacity for customary-based conservation of the Ulu Masen Forest in Aceh.

In partnership with Perkumpulan Rincong. The purpose of this project is to help local Mukim community institutions become recognized by district, provincial and national governments as holding the rights and responsibilities for sustainable management of their customary forest areas throughout the Ulu Masen Forest in Aceh by 2016. The project will ensure communities surrounding the Ulu Masen Forest have the tools and capacity for the sustainable management of biodiversity within their customary forest areas, and actively contribute towards protection of the elephant habitat and populations in the Ulu Masen Forest by 2017.

FWS: \$49,627

Leveraged funds: \$19,556

An innovative partnership program for human-elephant coexistence and forest conservation in Aceh.

In partnership with Asian Elephant Support. This project will be carried out in phases. In Phase I of the project a trans-disciplinary team will be established with skills necessary for building an innovative model to address HEC. The team will conduct baseline assessment of HEC threats in target districts. The model project will be based on the results from threat assessments with key stakeholder consultation. Lessons learned and guidance for replication of successful and sustainable human-elephant co-existence in an agricultural landscape will be compiled into a comprehensive document, and this will be developed into communication material to be published and presented to relevant stakeholders for potential replication in other areas. To increase the effectiveness of laws protecting the biodiversity and natural resources of Aceh, this project will promote the creation of a cross-party, committed, knowledgeable and constantly expanding legislator network called Aceh Conservation Caucus, and establish the administrative and operational structure of the Aceh Conservation Caucus. The project will include the design and development of a web portal with a thematic structure that meets the needs and motivations of lawmakers, while

linking them with relevant environmental issues and priorities. The portal will also provide information on environmental issues, decision-making processes, statistics and data, and serve as a forum for participation and dissemination of the work of the network of environmental legislators. Trained volunteer groups will conduct community outreach events.

FWS: \$196,000

Leveraged funds: \$15,000

Saving the Sumatran elephant through encroachment reduction and preventing future deforestation.

In partnership with Wildlife Conservation Society. The purpose of this project is to focus on encroachment prevention and protection of habitat through patrol and direct monitoring in the field. Specifically, the reduction of encroachment and other threats in areas with key elephant populations, and an improved understanding of deforestation predictions in areas under threats of deforestation.

FWS: \$100,775

Leveraged funds: \$111,624

Protection of threatened mega-vertebrates by anti-poaching units in Bukit Barisan Selatan National Park, Sumatra.

In partnership with International Rhino Foundation. The purpose of this project is to provide support for patrol activities of Rhino Protection Units (RPU). RPUs patrol Bukit Barisan Selatan National Park, take appropriate action against attempts to shoot or poison elephants in areas covered by the RPUs, ensure that no traps are placed or remain open long enough to entrap elephants, rhinos, tigers, tapirs or other wildlife. RPUs apprehend or identify poachers, and provide the information to government authorities for further prosecution.

FWS: \$69,830

Leveraged funds: \$232,549

Malaysia

Support the community-based Wildlife Warden and Conflict Mitigation Unit to conserve elephants in the human-made landscape of Lower Kinabatangan.

In partnership with HUTAN-KOCP. The purpose of this project is to monitor elephant population distribution, densities and conservation status in Kinabatangan; ensure policies based on scientific knowledge are formulated and agreed on by stakeholders for long-term elephant conservation in Sabah, and the Elephant State Action Plan is implemented. The project will also reduce human-elephant conflict;

reduce degradation and fragmentation of elephant habitat through improved land use management in human-wildlife conflict "hotspots;" control illegal logging, poaching and other illicit activities; reduce crop raiding by elephants in industrial plantations and community areas; and enhance human resource capacity and commitment to manage and conserve elephant populations in Sabah.

FWS: \$24,200

Leveraged funds: \$43,340

WCS/GoM Peninsular Malaysia Elephant Project: Year 8, assessment and reduction of human-elephant conflict (HEC) and capacity building in Endau-Rompin.

In partnership with Wildlife Conservation Society. The purpose of this project is to help the Government of Malaysia develop a 'holistic elephant plan' that will balance development and conservation, and help conserve wild elephant populations in Taman Negara, Endau Rompin Landscape, and elsewhere in Peninsular Malaysia.

FWS: \$58,993

Leveraged funds: \$58,945

Myanmar

Protection and monitoring the illegal killing of elephants at key sites in Myanmar: Year 1 of 3.

In partnership with Wildlife Conservation Society. The purpose of this project is to provide specific protection for elephant populations through the creation of Elephant Protection Units, implement law enforcement monitoring using SMART software, and map the distribution of elephants and threats to elephant populations.

FWS: \$58,268

Leveraged funds: \$58,338

Sri Lanka

Awareness program on human-elephant conflict.

In partnership with Center for Conservation and Research. The purpose of this project is to create a change in stakeholder perceptions and attitudes on HEC mitigation and elephant conservation in Sri Lanka. The specific objectives include creating an understanding amongst stakeholders about the failure of traditional HEC mitigation and elephant conservation strategies and tools; the current scale and extent of HEC in Sri Lanka; future direction HEC mitigation and elephant conservation needs; and the roles and

responsibilities of different stakeholders in mitigating HEC.

FWS: \$51,830

Leveraged Funds: \$38,900

Thailand

Law enforcement, law enforcement monitoring, and human-elephant conflict mitigation in Kaeng Krachan National Park (KKNP), Year 9.

In partnership with Wildlife Conservation Society. The purpose of this project is to improve protection for elephants and elephant habitat in KKNP and to continue law enforcement monitoring work to help enhance effectiveness of protection work, to reduce HEC by promoting standard mitigation methods as well as monitor the effectiveness of those methods, and expand elephant conservation education in the area.

FWS: \$56,023

Leveraged funds: \$56,628

Elephant protection and education campaigns in the Western Forest Complex and capacity strengthening of future protected area managers, Year 5.

In partnership with Wildlife Conservation Society. The purpose of this project is to maintain the SMART patrol system in Thung Yai West; improve awareness in local communities and schools close to Huai Kha Khaeng Wildlife Sanctuary through nature education campaigns on elephant and wildlife conservation. This project also sets up an International House of Conservation to strengthen international experience on conservation concepts and practices with focus groups of approximately 60 students annually from Department of Conservation and Department of Forest Biology, Faculty of Forestry, Kasetsart University.

FWS: \$56,257

Leveraged funds: \$57,189

Improving protection of elephants in Salakpra and adjoining protected areas in West Thailand, by strengthening the SMART Patrol Systems using spatial Management Information System technology.

In partnership with Zoological Society of London. The purpose of this project is to reduce threats to Salakpra's elephants and their habitat by facilitating more effective policing & protection of the protected areas and forest corridor linking them to Western Forest Complex. The project will train and help protected area personnel implement a SMART Patrol System and ensure proper reporting, establish a Teentok

Community Protection Unit to patrol the Srisawat corridor area, and raise funds from Kanchanaburi companies, to establish a ranger patrol support fund.

FWS: \$54,705

Leveraged funds: \$477,823

Institutionalizing support for Wildlife Guardians in Thailand's forgotten parks: Lasting protection for elephants and their habitat through forest ranger training and community support in the Dong Phrayayen-Khao Yai Forest Complex.

In partnership with FREELAND Foundation. The purpose of this project is to sustain protection for elephants in Thailand's Thap Lan and Pang Sida National Parks. The project will provide sustainable professional skills development for rangers to safely carry out their jobs in Thap Lan National Park, Pang Sida National Park and Dong Yai Wildlife Sanctuary; expand park management's understanding of elephant (and other wildlife) population and distribution in Thap Lan National Park, Pang Sida National Park and Dong Yai Wildlife Sanctuary; and reduce human elephant conflict around Thailand's Thap Lan National Park.

FWS: \$49,957

Leveraged funds: \$29,474

Establishing DNA-based monitoring of an elephant population in Kuiburi National Park.

In partnership with WWF-Thailand. The purpose of this project is to collect fecal-DNA samples and conduct capture-mark-recapture analysis to estimate a baseline Asian elephant population in Kuiburi National Park. The project will also promote fecal DNA capture-mark-recapture analysis as the framework for Asian elephant monitoring in the Dawna Tennaserim Landscape through production and dissemination of a Thai language manual, and peer-reviewed publications.

FWS: \$49,778

Leveraged funds: \$37,341

Range-Wide Asian Elephant Projects

Providing support for the second regional Asian elephant veterinary workshop.

In partnership with Asian Elephant Support. The purpose of this project is to help support regional veterinarians attend and participate in the Second Regional Asian Elephant Veterinary Training Workshop to be held in Myanmar. This workshop will greatly increase the capacity of Asian elephant veterinarians, as well as increase their networking capabilities.

FWS: \$34,200

Leveraged funds: \$5,500

Grant Modifications

Mitigation of human elephant conflict in affected areas of northern Karnataka, India.

In partnership with Wildlife Research and Conservation Society. This project will mitigate HEC by strengthening the capacity of the local community and the Forest Department in conflict mitigation techniques in HEC-affected areas.

FWS: \$14,000

Establishing and providing for the vital needs of the Sumatran elephant population within Way Kambas National Park.

In partnership with Save Indonesia Endangered Species Fund/INIRADEF. The purpose of this project is to expand and secure habitat and vital water requirements for elephants within Way Kambas National Park and decrease human-elephant conflict at the edge of the park.

FWS: \$18,870