

**U.S. Fish and Wildlife Service
Division of International Conservation
Save Vanishing Species Semipostal Stamp Funding FY2012 - 2020**

The US Fish and Wildlife Service awarded 135 projects using funds received from the sale of the Save our Vanishing Species semipostal stamp totaling \$5,345,252 which was matched by \$25,967,804 in additional leveraged funds. These field projects are in 37 countries.

African Elephant Conservation Fund

CENTRAL AFRICAN REPUBLIC

AFE1430

Grant # F14AP00459

Dzanga forest elephant study. In partnership with the Wildlife Conservation Society. This grant supports the longest running study of African forest elephants at Dzanga Bai in the Central African Republic. In spite of political turmoil and instability in the country, the area remains an important habitat and gathering site for large numbers of elephants. Funds support ongoing surveillance and monitoring of the site, collection of baseline data, and collaboration with the Dzanga-Sangha project in anti-poaching efforts.

Stamp funds: \$46,170

Leveraged funds: \$49,196

AFE1817

Award # F18AP00923

Enhancing passive acoustic monitoring in the Congo Basin. In partnership with Cornell University. The purpose of this two-year project is to use acoustic recording devices to provide information about imperiled forest elephants that are very costly to monitor by direct observation or traditional transects. These funds will support: (1) a monitoring program at the Dzanga Bai, a forest clearing in the Central African Republic and an important source of wildlife management data as the site of the world's longest-running individual-based study of African forest elephants; and (2) a regional program to link and improve the science of biologists and field technicians using acoustic monitoring for wildlife management in Africa.

Stamp funds: \$158,084

Leveraged funds: \$77,758

FWS: \$216,910

DEMOCRATIC REPUBLIC OF CONGO

AFE-0825

Grant # F13AP00227

Deployment of a Bloodhound Unit for Elephant Protection in Virunga National Park, DRC.

In partnership with the Africa Conservation Fund, this project will 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. Specific activities include training of ICCN staff that will be specialized dog handlers, veterinary care and kennels for the dogs, and costs related to patrols using the dogs.

Stamp funds: \$75,177

Leveraged funds: \$115,363

KENYA

AFE-0820

Grant # F13AP00074

Prevention of Illegal Killing of Elephants for Ivory in the Laikipia Ecosystem. In partnership with Space for Giants, this project will support an initiative to coordinate wildlife security efforts across private ranches, community areas and nationally protected areas in Laikipia, Kenya. Activities will 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.

Stamp funds: \$52,145 Leveraged funds: \$140,917

FWS¹: \$89,344

AFE-0824

Grant # F13AP01044

Wildlife Patrols on Mount Kenya: the Joint Wildlife Protection Team. In partnership with the Mount Kenya Trust, this grant will support 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 patrol 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.

Stamp funds: \$299 Leveraged funds: \$48,220

FWS: \$49,720

MULTIPLE COUNTRIES ALL RANGE, TRANSIT, AND CONSUMER COUNTRIES

AFE1446

Grant # F14AP00464

African elephant conservation genetics: GIS mapping of haplotypes for ivory forensics. In partnership with the University of Illinois. This project supports genetic research to more accurately identify the geographic region of origin of ivory using genetic markers. Researchers are working to refine the method for mapping mitochondrial DNA (mtDNA) to source sites using existing reference samples, a method that shows great promise in identifying geographic origin more reliably than previous methods. Funds will be used to collect additional samples from unsampled sites, and will develop a system and conduct training to make this technique and technology accessible and usable in African range states and wherever seizures occur.

Stamp funds: \$77,000 Leveraged funds: \$56,104

FWS: \$126,985

NIGERIA

AFE1426

Grant # F14AP00457

¹ FWS = total grant funding. Includes funds from the Save Vanishing Species semipostal stamp.

Strengthening the protection of elephants at Yankari Game Reserve through enhanced law enforcement action and monitoring. In partnership with the Wildlife Conservation Society. This grant supports operational costs of patrols to protect elephants and other wildlife in Yankari Game Reserve, Nigeria.

Stamp funds: \$66,514

Leveraged funds: \$66,390

REPUBLIC OF CONGO

AFE0851

Grant # F13AP00431

Long term acoustic monitoring of critical elephant populations. In partnership with Cornell University. This ongoing project, supported by USFWS since 2013, has pioneered the use of acoustic recording devices to provide information about imperiled forest elephants that are very difficult or costly to monitor by direct observation or traditional transects. These funds will support (1) training and equipment for a Congolese national to continue acoustic monitoring at critical forest elephant sites in the Republic of Congo; (2) ongoing costs related to refinement of the analysis tools at Cornell; and (3) attendance at an international summit to present the plight of forest elephants and how technology can contribute.

Stamp funds: \$24,983

Leveraged funds: \$8,690

FWS: \$139,261

SOUTH AFRICA

AFE0842

Grant # F13AP00400

The transboundary elephant research program with Great Limpopo National Park, South Africa. In partnership with Save the Elephants. This long-term project tracks individual elephant movements 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.

Stamp funds: \$81,411

Leveraged funds: \$1,732,232

FWS: \$149,039

ZIMBABWE

AFE1421

Grant # F14AP00453

Increased security along the Zimbabwean-Mozambique border in Gonarezhou National Park, Zimbabwe. In partnership with the Frankfurt Zoological Society. This ongoing project supports park protection activities in Gonarezhou National Park in Zimbabwe, which houses one of Zimbabwe's largest remaining elephant populations. Additional funds will allow (1) ongoing support for ranger patrols to be deployed along the Mozambique border and at other identified poaching hotspots in the Gonarezhou; (2) ongoing recruitment and refresher training for scouts; and (3) support to an adjacent conservancy to equip their security staff and train them in ranger-based monitoring techniques.

Stamp funds: \$197,641

Leveraged funds: \$261,823

FWS: \$395,641

AFE1713

F17AP00387

Ensuring the long-term security of the elephant population of Gonarezhou National Park, Zimbabwe. In partnership with the Frankfurt Zoological Society. Funds will support expanded security measures and community engagement in and around Gonarezhou National Park. Activities include foot, mobile, and canine patrols in poaching hotspots and in vulnerable areas such as the Mozambique border, river floodplains, and pans in central Gonarezhou. Other activities include education and outreach programs to engage with local residents and awareness raising efforts to bring attention to the damage being done by poisoning.

Stamp funds: \$187,872 Leveraged funds: \$4,400,000

FWS: \$326,975

ZAMBIA

AFE-0829

Grant # F13AP00989

Law Enforcement and Field Support for African Elephant Conservation in Nsumbu National Park, Zambia. In partnership with Conservation Lake Tanganyika, this grant will purchase, equip, maintain and operate a patrol boat for regular patrols and deployments by Zambia Wildlife Authority Wildlife Police Officers to increase protection of elephants in Nsumbu National Park, along Lake Tanganyika against poaching.

Stamp funds: \$22,692 Leveraged funds: \$66,982

FWS: \$68,161

AFE1615

F16AP00913

Strengthening the detection dog unit in Eastern Province of Zambia to reduce ivory trafficking and poaching of elephants in the Luangwa Valley. In partnership with the South Luangwa Conservation Society. This project works to reduce elephant poaching and ivory trafficking emanating from the Luangwa Valley in Zambia, by directly supporting joint deployment of South Luangwa Conservation Society's detection dog unit and Zambia's Department of National Parks and Wildlife investigations unit. Specific activities include providing rations, equipment, and deployment needs to the canine and investigations units; supporting aerial surveillance over the national park and game management areas; and providing technical support through the operations manager.

Stamp funds: \$13,122 Leveraged funds: \$312,230

FWS: \$158,182

Asian Elephant Conservation Fund

BURMA

ASE1542

Grant # F15AP00565

Protection and Monitoring the Illegal Killing of Elephants (MIKE) at key sites in Myanmar - Year 3. In partnership with Wildlife Conservation Society, this project will maintain and

strengthen MIKE (Monitoring Illegal Killing of Elephants) in Southeast Asia and provide Myanmar/Burma with a standardized system of field data collection and statistically robust methods of analysis in a long-term, sustainable basis to allow compliance with CITES provisions concerning MIKE, improve Asian elephant and site management in Alaungdaw Kathapa National Park and Rakhine Yoma Elephant Range, and build relevant capacities. This award supports Year 3 of this project. The project has three primary objectives: 1) provide protection for elephant populations through creation of Elephant Protection Units (EPUs); 2) implement law enforcement monitoring using SMART conservation tools; and 3) map the distribution of elephants and threats to populations. Project activities will include: 1) redeployment of for Myanmar Timber Enterprise elephants to form new EPUs; 2) upgrade of ranger substations and provision of two-way radio; 3) set up SMART patrols at Rakhine Yoma; 4) establishment of a framework to review SMART data; 5) setup a site-based law enforcement database for analysis and reporting; 6) identify elephant distribution and hotspots; and 7) analysis of satellite imagery to respond to forest encroachment. This project will contribute to the improved protection of Asian elephants at MIKE sites and determine the factors that influence their conservation status.

Stamp funds: \$22,728 Leveraged funds: \$55,247

FWS: \$55,007

ASE1549

Grant # F15AP00331

Educating local people to save Myanmar's conflict elephants. In partnership with Compass Films, this project will create an efficient, state of the art educational campaign, making use of national radio, television, local newspapers, and specifically trained outreach teams to elicit behavior change and consequently reduce loss and damages to property, and human and elephant fatalities in Myanmar/Burma. Project activities will include: 1) analysis of Smithsonian Institution's data from surveys of farmer-elephant conflict; 2) research of education content and interviews with specialists; 3) field production of a short film; 4) studio production of a television campaign; 5) postproduction of the film; 6) creation of support materials; 7) launch of the television, radio, and print media campaign; and 8) free provision of all project materials to non-governmental organizations and the government of Myanmar. This project hopes to provide farmers and other stakeholders with a set of skills and knowledge about elephant behavior that they will use to reduce the danger to themselves, their crops, their homes and to the elephants.

Stamp funds: \$46,610 Leveraged funds: \$168,825

FWS: \$146,385

ASE1655

Grant # F16AP00342

Protection and Monitoring the Illegal Killing of Elephants (MIKE) at Rakhine Yoma Elephant Range, Myanmar. In partnership with the Wildlife Conservation Society. This project will focus efforts to protect wild Asian elephants and better understand the status of their wild populations at Rakhine Yoma Elephant Range (RYER), Myanmar. Specific activities include: (1) increasing Elephant Protection Units (EPUs) from two to six units and expanding their patrol operations to include parts of the reserve that are thought to support elephant populations but have not received patrol efforts in recent years; (2) upgrading two ranger substations and providing boats; (3) continuing implementation of the SMART (Spatial Monitoring and Reporting Tool) approach to protected area management through the training of EPUs and administrative staff who will manage the law enforcement monitoring database; (4) mapping of elephant distribution and threats; and (5) analyzing satellite imagery to respond to forest encroachment and points of access for poachers.

The recipient will work closely with the RYER Warden to help him interpret information generated through the SMART tool so that management decisions may be based upon information coming in from field enforcement teams. Collectively these activities will allow compliance with CITES provisions, improve elephant and site management, and build relevant conservation capacities in Myanmar.

Stamp funds: \$32,129

Leveraged funds: \$59,649

FWS: \$58,457

CAMOBODIA

Award # F18AP00382

Elephant Conservation in Keo Seima Wildlife Sanctuary, Cambodia: Phase 10, Years 1-3. In partnership with Wildlife Conservation Society. The goal of this three-year project is the ongoing protection and enhancement of the conservation status of wild Asian elephants in Keo Seima Wildlife Sanctuary (KSWS), Cambodia. KSWS is a globally important site for biodiversity conservation located in the Eastern Plains Landscape of Cambodia, the area boasts a complex mix of forest types as well as elevation gradients, which leads to a high species richness across a range of taxa. The main objectives of this project are to improve anti-snare capacity through applied research and a collection incentive scheme; protect elephants and habitat through anti-snare surveillance; and protect elephants and their habitat from illegal forest encroachment. Project activities include: (1) conduct anti-snare surveillance to reduce snare abundance in key elephant areas; (2) collect snare abundance data to improve the efficiency of anti-snare surveillance; (3) evaluate the effectiveness of pilot snare collection incentives; (4) use remote sensing to target surveillance within key areas for elephants; and (5) conduct surveillance in high-priority elephant areas at the deforestation frontier.

Stamp funds: \$ 5,583

Leveraged Funds: \$73,640

FWS: \$72,221

INDIA

ASE-0623

Grant # F12AP01130

Securing Elephant Habitat Through Community-based Conservation Reserve, Incentive Programme for Conservation and Strengthening Protection Measures in Protected Areas of the Balpakram Baghmara Landscape, Garo Hill, Meghalaya, India. In partnership with Samrakshan Charitable Trust, this project will secure remnant community forests, which form a large part of elephant habitat in the landscape, by making them Community Conservation Reserves (CCRs) to be managed by the community. The project will also help with regeneration of elephant habitat in disturbed and degraded community lands through active plantation of native, elephant-friendly vegetation; create positive incentives for conservation by strengthening community run nature tourism.

Stamp funds: \$46,530

Leveraged funds: \$24,714

ASE0644

Grant # F13AP00468

Save Asian Elephants by Empowering Community (SEEC): Phase II- an initiative in the eastern part of Chirang Ripu Elephant Reserve. In partnership with Aaranyak, this project will secure the elephant corridor and prevent further degradation, and regain the willingness of community participation, in eastern part of Chirang-Ripu Elephant Reserve through plantation, monitoring the movement of elephants in fragmented habitat, implementation of diversified human-

elephant conflict (HEC) mitigation measures (e.g. trip wire, electric fence, chili-based deterrents, watchtowers, lights), and motivating and changing the livelihood of forest dependent families by creating diversified livelihood options, educational events such as camps among school students, teacher training, wildlife film shows etc. Awareness among the community will increase the level of confidence among the villagers for living in harmony with elephants.

Stamp funds: \$10,267 Leveraged funds: \$15,270

FWS: \$65,162

ASE-1561

Grant # F15AP00361

Anti-poaching and anti-depredation camps for conservation of Asian elephants in Kaziranga National Park, Assam, India. In partnership with Wildlife Areas Development and Welfare Trust, this project will support the Forest Department of Assam in their efforts to conserve and protect Asian elephants and their habitats in Kaziranga National Park. This award will provide funding for the construction of three anti-poaching camps in the Park, these permanent camps will provide furnished lodging for frontline field staff and include running water and watchtowers. Construction of these anti-poaching outposts in the Park will improve the living conditions of frontline rangers and patrol staff of Kaziranga thereby strengthening the protection of elephants, Indian rhinos, and other endangered species therein.

Stamp funds: \$18,341 Leveraged funds: \$182,900

FWS: \$118,380

ASE1506

Grant # F15AP00335

Landscape genetics of three Asian elephant populations in the Western Ghats, India. In partnership with Pondicherry University, this project will map the genetic diversity, local effective population size, and landscape connectivity of wild Asian elephant populations in three elephant ranges of the Western Ghats, Tamil Nadu, India. The recipient will: 1) create a DNA profile database of individual elephants that will be shared with the Forest Department for forensic research; 2) quantify and map spatial patterns of genetic diversity across the population; 3) estimate local effective population sizes using molecular methods; 4) use landscape genetic modeling approaches to identify factors that control gene flow and population connectivity; 5) develop spatially-optimized management alternatives to maximize the protection of population connectivity; 6) predict relationships between population connectivity, genetic diversity, and effective population size; and 7) identify core habitats and corridors using landscape pattern analysis software. This project will contribute to the conservation of the Asian elephant by providing spatially explicit, empirically-based, and scientifically rigorous knowledge to the Forest Department to use in planning and implementing effective elephant conservation programs.

Stamp funds: \$26,100 Leveraged funds: \$52,000

FWS: \$140,780

Award # F20AP00044

Institutionalizing a Community-Based Model of Managing Human-Elephant Conflict in the North Kanara Landscape of Karnataka, India through Participation of the Forest Department and Local Self-Governance Bodies. In partnership with Wildlife Research and Conservation Society. The North Kanara landscape in Karnataka, India has a population of 70 elephants living in a human-dominated landscape which results in high human-elephant conflict (HEC). FWS funding over the last eight years has been used to train farmers to protect their crops

from wild elephants using the simple, cost-effective technique of Community-based Conflict Management (CBCM), a set of practical and self-sustaining solutions which empower farmers to protect crops using low-cost techniques with reduced dependence on outside support. The goal of the project is to institutionalize, strengthen, incentivize, and assess the efficacy of the CBCM model of HEC mitigation using technological innovations and livelihood interventions. Project activities are: (1) implement HEC mitigation measures in collaboration with Village Forest Committees using a participatory rural appraisal process; (2) develop a laser-based early warning system to detect elephant presence; (3) develop a mobile app and real-time alert system to enable community members to share elephant location data; (4) strengthen and improve marketing for alternative livelihood-focused women's groups including elephant-themed crafts and piloting elephant-dung paper production in collaboration with the Forest Department.

Stamp funds: \$54,000

Leveraged Funds: \$237,720

INDONESIA

ASE-0588

Grant # F12AP00398

Establishing and Providing for the Vital Needs of the Sumatran Elephant Population within Way Kambas National Park. In partnership with the Save Indonesia Endangered Species Fund/INIRADEF, this project will decrease human-elephant conflict at the edge of the park by expanding and securing habitat and vital water needs for elephants within the park. The applicant will: (1) expand the habitat for elephants in Way Kambas NP; (2) map, protect and monitor the vital water resources and wetland habitats used by elephants; (3) develop community conservation awareness; and (4) deliver a report, including recommendations, to the National Park authority on important wetland habitat and elephant security.

Stamp funds: \$18,870

Leveraged funds: \$ 15,000

FWS: \$68,775

ASE-0603

Grant # F12AP01051

The Effect of Habitat Fragmentation on the Genetic Variation and Gene Flow among Asian Elephant (*Elephas maximus*) Populations along the Tenasserim Range. In partnership with the Regents of University of Minnesota, this project will build local capacity for long-term landscape genetic monitoring, working with local wildlife biologists, patrol rangers and veterinary and forestry students from local universities. Project will provide guidelines and promote rigorous standards for noninvasive genetic sampling. Grantee will assess the genetic diversity of elephants, determine whether there is genetic discontinuity within and among elephant populations across the western landscape, and test whether confinement of elephant populations into small and isolated protected areas disrupt the social structure and long-range dispersal patterns which are critical to population viability. Field sampling will be carried out in western Thailand.

Stamp funds: \$48,594

Leveraged funds: \$1,202

ASE-0605

Grant # F12AP01050

Towards a Peaceful Coexistence between Humans and Elephants in Bukit Tigapuluh, Indonesia (Phase III). In partnership with the Frankfurt Zoological Society, this project will promote a conflict hotline so people can report incidents of human-elephant conflict (HEC), and

maintain the current information network which provides information to police about illegal activity such as the killing of elephants. This project will also investigate the causes of HEC and give site-specific strategies to reduce it, support local people and forest police in their HEC reduction efforts, test HEC methods frequently to ensure they work and work well, and help increase people's tolerance of elephants.

Stamp funds: \$57,288

Leveraged funds: \$79,962

ASE-0653

Grant # F13AP00831

An Innovative Partnership Program for Human-elephant Coexistence and Forest Conservation in Aceh, Sumatra, Indonesia. In partnership with Asian Elephant Support, this project will be carried out in phases. In Phase I of the project a transdisciplinary team will be established with skills necessary for building an innovative model to address Human elephant conflict (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 for 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 for the protection of biodiversity and natural resources of Aceh, the 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 portal will provide information on environmental issues, decision-making processes, statistics, include constantly updated databases, as well as being a forum for participation and dissemination of the work of the network of environmental legislators. Trained volunteer groups will conduct community outreach events.

Stamp funds: \$163,502

Leveraged funds: \$15,000

FWS: \$196,000

Continuation Awarded in 2018

ASE-0653

Grant # F13AP00831

An Innovative Partnership Program for Human-elephant Coexistence and Forest Conservation in Aceh, Sumatra, Indonesia. In partnership with Asian Elephant Support, this project will be carried out in phases. In Phase I of the project a transdisciplinary team will be established with skills necessary for building an innovative model to address Human elephant conflict (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 for 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 for the protection of biodiversity and natural resources of Aceh, the 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 portal will provide information on environmental issues, decision-making processes, statistics, include constantly updated databases, as well as being a forum for

participation and dissemination of the work of the network of environmental legislators. Trained volunteer groups will conduct community outreach events.

Tiger Stamp: \$115,813 Leveraged funds: n/a

FWS: 119,000

ASE-0408

Grant # F14AP00080

Laying the foundation for long-term multi-stakeholder elephant conservation and management in Riau province, Sumatra. In partnership with World Wildlife Fund Indonesia.

The purpose of this project is to conduct multi-stakeholder management option studies for all elephant areas in Riau, conduct an assessment of options to mitigate human-elephant conflict for each sub-population of elephants in Riau, develop a provincial elephant management and conservation strategy for Riau through a working group of interested stakeholders, and produce a peer reviewed Standard Operating Procedures for Riau's Flying Squads.

Stamp funds: \$49,984 Leveraged funds: \$0

ASE1504

Grant # F15AP00499

Way Kambas National Park pilot project for habitat regeneration, fire protection, and elephant conflict mitigation in Sumatra, Indonesia. In partnership with Save Indonesian Endangered Species Fund/ Yayasan, this project will address three threats to elephant populations in Way Kambas National Park, Sumatra: 1) loss of habitat and intentionally-set fires; 2) elephant mortality due to human-elephant conflict (HEC); and 3) suspected increases in salinity in Park water sources, which forces wildlife to leave the protected area in search of fresh water. The recipient will address these threats with activities that focus on regenerating and replanting forests, mitigating HEC, and providing sources of fresh water for both wild elephants and fire suppression. Specific activities related to reforestation include: survey and identification of project site, recruitment and training of personnel, construction of project base camp and related infrastructure, survey of naturally regenerating trees in the project site with bird and bat perches installed to facilitate seed dispersal, establishment of plant nursery for propagation of food plants attractive to wild elephants, creation of a fire-management plan, purchase of firefighting equipment, creation and maintenance of fire-breaks, and provision of a dual 24-hour fire and elephant watch system. Activities related to the mitigation of human-elephant conflict include: recruitment and training of field staff for early elephant warning duty, provision of a dual 24-hour fire and elephant watch system, establishment of a village partnership for sharing responsibility of fire and elephant warning systems, and delivery of an awareness education program to the community. The recipient will monitor salinity of water sources in the Park, construct artificial ponds to collect rain water for both fire response and elephants, and monitor pond usage by wildlife with camera traps.

Stamp funds: \$2,415 Leveraged funds: \$54,000

FWS: \$92,950

ASE1608

Grant # F16AP00709

Community-based human elephant conflict mitigation and protection of Sumatran elephant populations and habitat through Elephant Response Units in Way Kambas, Lampung Province, Sumatra. In partnership with the Community for Sumatra Nature Conservation.

This project will contribute to the mitigation and reduction of human-elephant conflict (HEC) in local communities surrounding Way Kambas National Park, Sumatra, Indonesia through securing wild

elephant habitat, increasing capacity of local communities to respond to HEC, and strengthening coordination between existing networks, institutions, and local stakeholders. Field activities will be conducted by Elephant Response Unit (ERU) teams consisting of 2-5 trained elephants, 6-10 mahouts, and 2-4 forest rangers. Specific activities include: (1) conducting regular patrols of ERUs to monitor elephant movements, anticipate HEC, and monitor illegal activities and encroachment; (2) providing immediate response to HEC incidents; (3) assisting 18 local communities in developing HEC mitigation capacities; (4) building and maintaining a communication network between local communities and the ERU teams; (5) organizing meetings with local communities, conducting community-based crop guarding, and equipping community scouts from each community; and (6) facilitating open meetings and information sharing between local NGOs, officials, and other stakeholders. Collectively, these activities will contribute to the sustainable conservation of the Critically Endangered Sumatran elephant in Indonesia.

Stamp funds: \$73,745

Leveraged funds: \$175,958

ASE1736

Grant # F17AP00325

Community-based human-elephant conflict mitigation and protection of Sumatran elephant populations and habitat through Elephant Response Units in Way Kambas, Lampung, Indonesia. In partnership with the Community for Sumatra Nature Conservation. The goal of this project is to continue to mitigate human-elephant conflict (HEC) and its impact on local communities surrounding Way Kambas National Park, Sumatra, Indonesia through the use of Elephant Response Units (ERU). Project activities include: (1) ERU habitat patrols and elephant monitoring; (2) immediate response by ERUs to HEC events; (3) assisting 22 local communities in HEC mitigation capacity building; (4) maintaining communication between local communities and ERU teams for rapid HEC response; (5) organizing open meetings between authorities and local communities; (6) assisting communities with night crop-guarding through construction of five observation towers and by equipping five villagers with gear to serve as community scouts to lead crop guarding activities and involve community members in ERU activities; and (7) sharing information between local authorities, non-governmental organizations, other conservation stakeholders, and ERUs. This project will contribute to the sustainable conservation of the Critically Endangered Sumatran elephants and their habitat in Sumatra, Indonesia.

Stamp funds: \$5,014

Leveraged funds: \$245,358

FWS: \$55,015

ASE1748

Award # F18AP00012

Protecting elephants, forests, wildlife, and communities through support of the Sumatran Elephant Conservation Response Units (CRU) of Bengkulu Province, Western Sumatra, Indonesia. In partnership with the International Elephant Foundation. This project works in collaboration with Indonesian authorities and local communities to protect and conserve the critically endangered Sumatran elephant and its habitat through the operation of the Seblat Elephant Conservation Center's Conservation Response Units (CRUs) located in Bengkulu Province, western Sumatra, Indonesia. Project activities include: (1) operation of CRUs conducting patrols during seven to ten consecutive days per month; (2) preventing and preempting incidents of human-elephant conflict (HEC) and increasing the capacity of local communities to manage HEC; (3) further training mahouts and rangers through an annual mahout workshop, staff exchanges, and elephant conservation trainings; (4) sharing information with conservation stakeholders internationally; (5) raising community awareness of wildlife and habitat conservation by engaging

captive CRU elephants in outreach activities; and (6) working with government officials to encourage development of HEC mitigation and land-use strategies to prevent habitat encroachment. By integrating captive elephants in the conservation efforts of wild elephants through HEC mitigation activities, patrols, and community outreach, the CRUs will encourage coexistence between wild elephants and surrounding communities in Sumatra, Indonesia.

Stamp funds: \$28,800 Leveraged funds: \$58,850

ASE1862

Award # F18AP00383

Saving the critically endangered Sumatran elephant in Way Kambas National Park, Sumatra, Indonesia, by preventing human-elephant conflict and poaching. In partnership with the Wildlife Conservation Society. The goal of this project is to support ongoing work to assist Indonesian authorities in maintaining Way Kambas National Park (WKNP) as a secure habitat for critically endangered Sumatran elephants and to assist communities outside of WKNP to peacefully coexist with wild elephants. Objectives will focus on supporting existing management efforts through patrols, and law enforcement efforts through fully integrating SMART (Spatial Monitoring and Reporting Tool) patrol methodology into WKNP management to reduce forest encroachment, investigate and prosecute wildlife traffickers, and reduce human-elephant conflict (HEC) around the park's forest edge. Specific activities include: (1) holding advanced training for SMART patrol teams and data technicians; (2) conducting forest patrols and monthly SMART strategy evaluation and adaptive patrol management; (3) managing a local informant network; (4) conducting investigations to identify poaching syndicates and traders, bring cases to Indonesian law enforcement authorities, and assist law enforcement operations; (5) providing legal assistance to law enforcement agencies; (6) supporting district government in HEC mitigation; and (7) conducting community-based patrols and rapid responses to HEC events.

Stamp funds: \$20,243 Leveraged funds: \$53,456

FWS: \$53,088

MALAYSIA

ASE-0616

Grant # F12AP01198

Satellite Tracking of Translocated Elephants and Conflict Mitigation in Sabah. In partnership with the Danau Girang Field Center, Sabah Wildlife Departments, this project will rescue elephants from palm oil plantations to the Central Sabah Managed Elephant Range, fit the rescued elephants with GPS collars to understand their migratory patterns throughout plantation areas, and develop conflict reduction guidelines for the oil palm plantations. Project activities include: (1) Elephant rescue and translocation in central Sabah Managed Elephant Range; (2) Use of satellite collars on rescued elephants; (3) Collect data on elephant movements after translocation; (4) Map the migratory routes of these elephants in order to propose migration corridors; (5) Data analysis and publication; (6) Draft human-elephant conflict mitigation guidelines for oil palm estates; (7) Present, discuss, and adopt these guidelines at a two day workshop involving the oil palm estates, Sabah Wildlife Department and Sabah Foundation; and (8) Begin using the guidelines in oil palm plantations.

Stamp funds: \$24,650 Leveraged funds: \$95,800

NEPAL

ASE-0613

Grant # F12AP01052

Human-Elephant Conflict Mitigation: A Multi-Pronged Strategy in Bahundangi Village, Eastern Nepal. In partnership with the University of Florida, this project will fill data gaps and develop a system that allows the Bahundangi community to reduce human-elephant conflict (HEC) in a sustainable and self-sufficient manner. The long-term goal is an 80% decrease in crop depredation with no human or elephant casualties by 2025. The grantee, in collaboration with Nature Conservation Society and others will use GPS transmitters to track elephant movement, develop action plans and HEC reduction framework, and provide training, education, and outreach programs, and advocate for policy at the national and transboundary levels.

Stamp funds: \$49,951 Leveraged funds: \$46,336

ASE-1408**Grant # F14AP00259**

Community-based proactive human-elephant conflict mitigation program to ensure long term survival of recolonized population of Asian elephant in Bardia National Park, Nepal.

In partnership with the National Trust for Nature Conservation, this project intends to minimize human-elephant conflict in Bardia National Park, Nepal, through scientific management and community engagement. Activities include awareness programs with alternative livelihood options; operationalizing a rapid response team to deal with human-elephant conflict incidents and conduct human-elephant co-existence related awareness activities; and development of a human-elephant mitigation strategy document for Bardia National Park.

Stamp funds: \$12,156 Leveraged funds: \$82,046

FWS: \$49,917

SRI LANKA**Award # F18AP00378**

H.EL.P. - Human Elephant Peace - Sri Lanka. In partnership with Compass Films. This continuation funds year two of this two-year project to research and produce a multimedia public awareness campaign in three local languages for Sri Lanka, home to over 5,000 wild Asian elephants who are threatened by increasing levels of encroachment on their habitat by farmers, agricultural companies and developers and concomitant human-elephant conflict (HEC). This project will communicate information from local and international elephant experts with these vulnerable villagers through a highly efficient educational campaign. The campaign will include awareness videos broadcasted on national TV and social media and also directly to the target population with educational teams deploying to conflict areas to conduct awareness presentations, film projections, interactive discussions, and distribution of free educational kits. Specific project activities include: (1) produce 24, 60-second educational TV spots to international broadcast standards in English, Sinhala, and Tamil languages; (2) produce 12, 3-minute educational segments for community events; (3) produce a compilation of all segments for a 30-minute educational program; (4) produce and distribute an educational kit in local languages with an educational booklet, DVD copy of the film, memory game for children and adults, and a poster. This is the first broad-scale elephant conservation public media campaign undertaken in this range state.

Stamp funds: \$49,920 Leveraged Funds: \$105,000

THAILAND

ASE-G204

Grant # F10AP00376

Mitigation of Human Elephant Conflict in Affected areas of Northern Karnataka, India. In partnership with the Wildlife Research and Conservation, this project will mitigate human-elephant conflict (HEC) by strengthening the capacity of local community and the Forest Department in conflict mitigation techniques in a few HEC affected areas. The recipient will: develop and implement conflict mitigation measures in affected villages with involvement of local farmers; monitor elephant movement with the help of the local community and Forest Department; map elephant habitat and assess habitat quality for elephants, and generate awareness about long-term elephant conservation in the area

Stamp funds: \$14,000

Leveraged funds: \$31,160

FWS: \$52,649

ASE1652

Grant # F16AP00340

Law enforcement monitoring and human-elephant conflict mitigation in Kaeng Krachan National Park, Thailand, Year 12-14. In partnership with the Wildlife Conservation Society. The purpose of this project is to secure long-term conservation of the wild Asian elephant population and its habitat in Kaeng Krachan National Park (KKNP) by increasing the effectiveness of protection efforts and reducing human-elephant conflict (HEC) in the region. Project activities include: (1) providing refresher training for KKNP staff in law enforcement and monitoring methods, on-the-job SMART (Spatial Monitoring and Reporting Tool) use, law 12 enforcement monitoring, data analysis, and report writing; (2) reduction of HEC by promoting and monitoring standard HEC mitigation methods in local and a 400-meter extension of the semi-permanent fence in Huai Sad Yai; and (3) expansion of elephant conservation education directed at villagers from HEC target sites to cover the whole of KKNP, an annual HEC and mitigation workshop in communities, and an education campaign for tourists. This project will lead to more effective patrolling and law enforcement activities in the Park, better provisioned, trained, and motivated staff capable of addressing the threat of elephant poaching gangs, and reduced retaliatory elephant deaths in Thailand.

Stamp funds: \$29,013

Leveraged funds: \$330,757

FWS: \$119,958

ASE1847

Award # F18AP00379

Living with elephants: Improving human-elephant coexistence in Thailand's Western Forest Complex Corridor. In partnership with the Zoological Society of London. The goal of this twoyear project is to promote the coexistence of Asian elephants and humans (HECx) by working with the government and communities in the Western Forest Complex (WEFCOM) of Thailand, a mosaic of protected areas and regionally significant elephant conservation landscape. Project objectives are to: (a) set baselines for the distribution, composition, and occupancy of elephants and livestock in protected areas, with a monthly monitoring program in place to inform an adaptive HECx approach; (b) build upon a socio-economic and human-elephant conflict (HEC) database through surveys and HEC monitoring and conduct annual meetings and awareness raising in two villages to develop a long-term HECx plan; and (c) implement elephant earlywarning systems in two villages. Project activities include: (1) conducting camera trap surveys to understand spatio-temporal distribution of elephants as well as livestock incursions into the protected areas; (2) conducting camera trap surveys at watering holes and mineral licks in the protected areas, as well as entry/exits

used by elephants in four villages; (3) building a long-term individual identification database for elephants; (4) providing an elephant identification guide and training for protected area managers and staff; and (5) analyzing camera trap data on species movement and integrating it into mitigation strategies.

Stamp funds: \$53,963

Leveraged funds: \$65,180

Award # F19AP00052

Understanding Elephant Behavior: A Novel Approach to Mitigating Human-Elephant Conflict in Kanchanaburi, Thailand. In partnership with Research Foundation of CUNY. This two year project undertakes a novel study that will identify individual differences in wild Asian elephant behavior and construct a personality profile for crop-raiding elephants in Salakapra Wildlife Sanctuary, Kanchanaburi, Thailand. Comparative elephant behavioral will be collected from watchtowers on the border of the protected area (PA) and adjacent crop fields, and at watering holes as elephants prepare to raid crops, are raiding or human-elephant conflict (HEC), or are safely inside the PA. Foodrewarding puzzle boxes will be installed at watering holes in the PA to observe how differences in elephant behavior and personality are exhibited in a task requiring innovation and problem-solving. These behavioral data will inform the development of a behavioral/personality profile of crop-raiding elephants. If dominance, aggression, affiliation, innovation, problem-solving, emotional state, and risk aversion can be correlated with propensity to crop-raid, new non-fear-based HEC mitigation strategies can be developed. This work has important implications for understanding why certain elephants crop raid, and how mitigation strategies can account for elephant needs and behavior and change their decision-making. Ultimately, this project will work to prevent HEC before it begins ensuring that mitigation strategies are long-term rather than temporary fixes to a growing problem.

Stamp funds: \$71,070

Leveraged Funds: \$24,756

FWS: \$114,408

Great Ape Conservation Fund

BURMA

GA-0876

Grant # F12AP01115

Conservation Management of Eastern Hoolock Gibbon in Indawgyi Lake Wildlife Sanctuary in Burma's Kachin State. In partnership with the People Resources Conservation Foundation, this project will contribute to the long-term survival and conservation of eastern hoolock gibbon in and around the sanctuary by addressing immediate conservation needs. This will be done by: (1) reducing the direct threats to the gibbon habitat; (2) improving capacity for gibbon conservation; (3) establishing a long-term program to direct gibbon conservation management; and (4) conducting a review of the law enforcement capacity and needs of the sanctuary and developing standard operating procedures for key law enforcement tasks.

Stamp funds: \$50,050

Leveraged funds: \$45,711

CAMBODIA

Award # F16AP00805

Long-Term Conservation of Yellow-Cheeked Crested Gibbon Through Direct Law Enforcement and Community Engagement in Southern Monduliri, Cambodia. In partnership with Wildlife Conservation Society. This project seeks to promote a wellmanaged forest landscape that supports increasing wildlife populations, especially gibbons, and improve livelihoods for the people who live there. Project activities are: (1) support enforcement activities to protect sensitive gibbon habitat, (2) refine the use of remote sensing and the Spatial Monitoring and Reporting Tool (SMART) software to inform adaptive management; (3) expand and strengthen community engagement in, and support of, gibbon conservation, by (a) capacity building for tourism development and increased community engagement, and (b) refinement and implementation of robust monitoring of gibbon populations in the ecotourism area.

Stamp funds: \$59,770 Leveraged Funds: \$0

F16AP00782

Northern Plains of Cambodia Pileated Gibbon Conservation Project: Phase 6. In partnership with Wildlife Conservation Society. This project will conserve the pileated gibbon population in the Northern Plains of Cambodia by strengthening existing monitoring strategies, establishing new integrated community-led surveillance approaches and developing improved reporting systems. Project activities include: (1) ensure effective protection of pileated gibbons and their habitats by improving surveillance planning and automated reporting systems, by (a) training surveillance staff to assist communities to use and implement an automated Spatial Monitoring and Reporting Tool (SMART) surveillance system, and (b) conducting targeted SMART monitoring to reduce threats to pileated gibbon's and priority habitat areas; (2) impement workshops to improve community liaisons between surveillance team staff and villagelevel institutions, and improve community awariness and support for conservation of priority habitats and (b) select and train community members from key villages to conduct SMART surveillance.

Stamp funds: \$59,976 Leveraged funds: \$56,439

DEMOCRATIC REPUBLIC OF CONGO

Award # F19AP00039

Saving Grauer's Gorillas in Community Forests through Direct Protection, Community Engagement and Establishing Formally Recognized Forest Concessions. In partnership with the Dian Fossey Gorilla Fund. Thepurpose of this project is to empower local communities to protect the critically endangered Grauer's gorilla in the Nkuba and Maiko National Park regions of DRC. Activities include: (1) monitoring of gorillas through community-led field surveys and camera trapping; (2) assisting communities in obtaining official recognition and management of their forests as "Community Forest Concessions"; (3) increasing the Nkuba Conservation Area by 300 km2; and (4) fostering conservation stewardship through community education, small animal husbandry/pisciculture, and community farming programs.

Stamp funds: \$41,559 Leveraged funds: \$958,615

FWS: \$449,219

INDIA

GA-0978

Grant # F13AP00912

Adopting an Inclusive Approach of Research, Capacity Building, Community Education and Outreach to Conserve Western Hoolock Gibbon in Karbi Anglong District under Kaziranga-Karbi Anglong landscape, Assam. In partnership with The School of Desert Sciences, this project will enhance gibbon conservation by gathering baseline information and preparing an action plan to lay the foundation for future conservation of the hoolock gibbon in the Borjuri-Junthung-Western Mikir Hills, Dhanshiri-Borlangfer and Khurimming-Panimur-Amreng forest complexes of Karbi Anglong and build the capacity for conservation by training forest guards and conducting a community outreach program.

Stamp funds: \$44,454 Leveraged funds: \$29,490

FWS: \$52,745

GA1642

Grant # F16AP01098

Forest guard training for conservation of hoolock gibbon in the state of Arunachal Pradesh, India. In partnership with Aaranyak. The project will accomplish the following objectives to help conserve endangered western hoolock gibbons and their habitats in Arunachal Pradesh: (1) educate, and instill interest in forest guards to protect hoolock gibbon habitats, and educate them about global, national, and local importance of the species; (2) train forest guards to identify the different primate species, and classify individuals based on age and sex to facilitate individual identification to maintain individual histories; (3) train the forest guards about general primate surveys, hoolock gibbon population estimates, and the present status of hoolock gibbons; (4) provide training about legal provisions in the Wildlife Act as well as wildlife laws to reduce wildlife crimes; and (5) sensitize field staff about the value and ethics of wildlife conservation and biodiversity by bringing about an attitudinal change among forest staff and the local community.

Stamp funds: \$27,720 Leveraged funds: \$48,199

FWS: \$49,995

INDONESIA

GA-0937

Grant # F12AP01153

Addressing Human-orangutan Conflict (HOC) in Agricultural Landscapes in Northern Sumatra, Indonesia. In partnership with the Orangutan Information Center (Yayasan Orangutan Sumatera Lestari), this project will conserve orangutans through research, education, rescue, and the implementation of the best human-orangutan conflict (HOC) methods. This will be done by: (1) responding to HOC reports from agricultural communities; (2) conducting regular field monitoring of isolated populations of orangutans as well as translocated orangutans; (3) collecting and mapping data on orangutan crop-raiding and conflict reduction methods being used by communities to deter orangutans; and (4) conducting outreach and training workshops on HOC reduction methods.

Stamp funds: \$48,439 Leveraged funds: \$21,578

GA-0966

Grant # F13AP00908

Reintroduction and Monitoring Orangutans in Kehje Sewen Forest, East Kalimantan. In partnership with Yayasan Penyelamatan Orangutan Borneo, this project will reintroduce orangutans into Kehje Sewen Forest, Kutai Kartanegara and East Kutai districts in East Kalimantan with the support and involvement of the local community and other stakeholders. This will be done by reintroducing the rehabilitated orangutans into the forest; carrying out extensive post monitoring on

the released orangutans; conducting education and community development activities for local stakeholders; and providing regular reporting on the project's results to the communities, government partners and the scientific community.

Stamp funds: \$51,888

Leveraged funds: \$189,822

FWS: \$58,917

GA-0967

Grant # F13AP00959

Long-Term Home Range Patterns and the Effect of Habitat Disturbance on Sumatran Orangutans. In partnership with Yayasan Orangutan Sumatera Lestari – Orangutan Information Centre, this project will analyze the long-term home range patterns of the orangutans and determine the effects of habitat disturbance on these patterns.

Stamp funds: \$12,219

Leveraged funds: \$19,421

GA-1447

Grant # F14AP00968

Saving Sumatran orangutans through improving and strengthening law enforcement. In partnership with the Wildlife Conservation Society, the purpose of this project is to reduce poaching, illegal logging, encroachment, and other threats in key-habitat in Gunung Leuser National Park as well as trade, trafficking and possession of Sumatran orangutans. This will be done by patrolling key orangutan habitats in Gunung Leuser National Park; and enabling the collection of information on illegal trade in orangutans in order to capture, arrest and successfully prosecute poachers and traders of orangutans.

Stamp funds: \$58,242

Leveraged funds: \$58,268

GA1883

Award # F18AP00942

Reintroduction of once captive orangutans into the Bukit Batikap Protection Forest, Central Kalimantan, Indonesia. In partnership with the Borneo Orangutan Survival Foundation (BOSF). Since 2012, BOSF has translocated rescued orangutans from the Nyaru Menteng Orangutan Rehabilitation Centre into primary rainforest habitat in Borneo, with many food trees, no existing orangutan population, and few people. Estimated survival rates are at 72-91 percent, with deaths accounting for nine of all releases and at least eight wild births recorded. The orangutans released to date are thriving. The goal is to successfully release 48 orangutans into the wild, to strengthen a newly-created, viable wild population of orangutans. This will be achieved by: (1) preparing the orangutans for reintroduction by assessing their behavior and skills, conducting health-tests, and fitting them with a radio-tracking transmitter; (2) transporting the apes overland to the release site; (3) releasing the orangutans in predetermined locations and intensively following them for the first few days post-release; and (4) monitoring the adaptation of the orangutans by a dedicated team from an in-situ monitoring camp, with the ability to intervene in case of poor health. All of these activities will be done alongside a long-running community engagement and habitat protection program.

Stamp funds: \$13,585

Leveraged funds: 34,618

FWS: \$59,215

Award # F16AP00788

Protecting Sumatran Orangutans by Preventing Forest Encroachment and Improving and Strengthening Law Enforcement in Gunung Leuser National Park. In partnership with Wildlife Conservation Society. This project will protect orangutans by reducing forest encroachment

and strengthening enforcement in Gunung Leuser National Park. Project objectives are: (1) reduce hunting, illegal logging, encroachment and other threats in key habitats in Gunung Leuser National Park, (2) halt Sumatran orangutan trade, trafficking and possession.

Stamp funds: \$59,306 Leveraged Funds: \$67,627

Award # F17AP01059

Understanding and Mitigating the Impacts of Peat Forest Fires on Orangutans and Gibbons in Sabangau, Indonesian Borneo. In partnership with The Borneo Nature Foundation. This project will accomplish the following objectives to help conserve endangered orangutans and gibbons in western Kalimantan: (1) understand the impacts of 2015 fire damage on orangutans and gibbons in Sabangau, by comparing pre- and postfire data; (2) support local fire teams to reduce short- to medium-term fire incidence; and, (3) reduce longer-term fire risk through outreach and capacity development activities by increasing local understanding of fire impacts and causes, increasing conservation support, and training local staff and students to conduct research and conservation activities into the future.

Stamp funds: \$29,832 Leveraged Funds: \$0

LAOS

Award # F17AP01012

Reinforcing Law Enforcement and Community Engagement Systems for the Enhanced Protection of the Northern White-Cheeked Crested Gibbon in the Nam Et-Phou Louey NPA Core Zone, Laos, PDR. In partnership with Wildlife Conservation Society. The project will accomplish the following objectives: (1) strengthen forest-based surveillance in and around gibbon areas, and expand coverage into important gibbon habitat not previously monitored; (2) improve cooperation between agencies and stakeholders responsible for protecting gibbons and their habitat; and, (3) ensure surveillance efforts bolster community engagement and conservation outcomes, like reduced agricultural encroachment and illegal use of the total protection zone.

Stamp funds: \$59,822 Leveraged Funds: \$0

MALAYSIA

GA-0947

Grant # F12AP01117

Development of a Great Ape Health Unit in Sabah, Malaysia. In partnership with EcoHealth Alliance, this project will promote the health of Sabah's gibbons and orangutans by creating a new wildlife health monitoring and surveillance program that aims to minimize the risk of introducing ape populations to diseases when translocated apes are introduced into new populations from fragmented forests. Research will also be initiated that will study the link between deforestation and disease in apes.

Stamp funds: \$16,896 Leveraged funds: \$525,264

FWS: \$44,499

Award # F17AP01016

Documenting the Conservation Status and Enhancing the Long-term Survival of the Orangutan Meta-Population Living in the Sugud Landscape, Sabah, Borneo. In partnership with Hutan Kinbatangan Orang-Utan. Project activities include: (1) identify suitable orangutan

habitat in Sugud using satellite images and aerial surveys; (2) conduct population estimates of all sub-populations living in this landscape using aerial and ground surveys of nests; (3) conduct interviews to understand people's perception towards orangutan presence in the area, and estimate potential damage caused by orangutans to plantations; (4) reduce retaliatory killing of orangutans by establishing well-trained wildlife monitoring units in plantations; (5) promote peaceful coexistence between humans and orangutans by conducting conservation and outreach activities with villagers and estate owners; (6) create a strategic plan to improve forest connectivity by identifying where crucial corridors need to be established, and stakeholder participatory workshops to develop a master plan and the Orangutan Sabah State Action Plan; and, (7) build capacity to monitor and manage high conservation value forests and orangutans, by training teams on proper monitoring techniques and developing standard operating procedures for orangutan management.

Stamp funds: \$45,120 Leveraged Funds: \$104,110

REGIONAL – CAMEROON / NIGERIA

GA-0757

Grant # F10AP00409

A landscape Approach to Conservation of the Critically Endangered Cross River Gorilla. In partnership with Wildlife Conservation Society. This cooperative agreement will ensure the survival of the Cross River gorilla by 2020 through support to a network of core protected areas and corridors across the Afi Kagwene landscape, managed in collaboration between local communities and government.

Stamp funds: \$29,565 Leveraged funds: \$297,901
FWS: \$1,244,000

REGIONAL – CAMEROON, CENTRAL AFRICAN REPUBLIC, CONGO, EQUATORIAL GUINEA, GABON

GA-0961

Grant # F12AP01126

Developing a Conservation Strategy for Western Equatorial African Apes. In partnership with the Wildlife Conservation Society (WCS), the purpose of this project is for WCS to lead a participatory planning process to establish a cohesive and consensual plan of action (at both the national and regional levels) for the conservation of the western lowland gorilla and the central chimpanzee, ensuring a comprehensive approach with the buy-in of key stakeholders. The recipient will also build long-term support (at both the national and regional levels) for the ape conservation plan of action through collaborative participation in the workshop and collective development of the action plan by stakeholder potential donors and national governments.

Stamp funds: \$46,457 Leveraged funds: \$66,882
FWS: \$52,438

REPUBLIC OF CONGO

GA-1029

Grant # F13AP00973

Great Ape Public Awareness Project using Video-centered Education Outreach. In partnership with International Conservation and Education Fund (INCEF), the purpose of this project is to conserve great ape populations in northern Republic of Congo by raising awareness in rural communities using a participatory approach that involves screenings and dissemination of films to ultimately reduce illegal great ape and bushmeat hunting, ritual wildlife killings, habitat destruction, and disease transmission.

Stamp funds: \$54,559 Leveraged funds: \$72,535
FWS: \$61,589

RWANDA

GA-0923

Grant # F12AP01120

Behavior, Physiology, and Health of Mountain Gorilla. In partnership with the Dian Fossey Gorilla Fund International, this project aims to improve understanding of mountain gorilla stress resulting from natural and man-made events, which will yield conservation implications to be used in park management and tourism practices.

Stamp funds: \$38,280 Leveraged funds: \$820,747

GA-0945

Grant # F12AP01121

Tourism as a Tool for Conservation of Mountain Gorillas in the Albertine Rift: The Case of Volcanoes National Park. In partnership with Clemson University, this project will determine if the benefits from tourism, which are shared with local communities around the Volcanoes National Park, help to reduce park-dependency of local communities.

Stamp funds: \$30,648 Leveraged funds: \$10,343

GA-1506

Grant # F15AP01026

Ensuring the continued growth of the Virunga mountain gorilla population through protection, monitoring and research. In partnership with Dian Fossey Gorilla Fund International. The purpose of this project is to support long-term gorilla conservation and research at the Karisoke Research Center. Specific activities include: (1) protection of gorillas, their habitat and other wildlife through approximately 400 independent anti-poaching patrols; (2) population monitoring data collection to inform conservation management, including research on demographics, ranging, health, behavior, genetics and physiologic parameters; and (3) building local capacity of scientific and non-scientific Rwandan staff, collaborators and students.

Stamp funds: \$23,237 Leveraged funds: \$981,800
FWS: \$57,738

GA1734

Award # F17AP00441

Protecting and studying mountain gorillas and building scientific capacity in Rwanda. In partnership with The Dian Fossey Gorilla Fund International. The purpose of this project is to ensure that the increasing growth trend of the mountain gorilla population continues. Specific

activities include: (1) continuing and enhancing protection of the gorillas, their habitat and other wildlife through regular anti-poaching patrols and daily physical presence with the research population; (2) maintaining the long-term monitoring and data collection program used in the conservation management of this and other wild ape populations; (3) continuing to build local capacity through training of scientific and non-scientific Rwandan staff, collaborators, and Rwandan students.

Stamp funds: \$31,259

Leveraged funds: \$2,492,140

FWS: \$186,214

VIETMAN

GA-1438

Grant # F14AP00897

Strengthening enforcement capacity and regulations towards eliminating the trade in yellowcheeked crested gibbons (*Nomascus gabriellae*) and other endangered species in southern Vietnam. In partnership with the Wildlife Conservation Society, the purpose of this project is to disrupt and dismantle the networks trading yellow-cheeked crested gibbons and other endangered species in the Ho Chi Minh City Metropolitan Area. This will be done by strengthening enforcement on wildlife crimes; strengthening regulation and management of private zoos and living collections of endangered wildlife; generating intelligence for monitoring key wildlife networks; and strengthening capacity of frontline enforcement officers.

Stamp funds: \$31,949

Leveraged funds: \$52,696

FWS: \$52,191

GA1603

Grant # F16AP01096

Conservation of the northern white-cheeked crested gibbon in Pu Mat National Park, Vietnam. In partnership with Fauna and Flora International. The project will accomplish the following objectives to help secure the biodiversity values of Pu Mat National Park, focusing on the critically endangered northern white-cheeked gibbon, and establish "no kill" zones in Pu Mat National Park by: (1) identifying key locations for northern white-cheeked gibbons and Saola for protection within Pu Mat National Park by performing a desk-based study and engaging with the IUCN Species Survival Commission (IUCN/SCC) Saola Technical Working Group; (2) engaging local communities in forest protection by setting up community-based patrolling and training in surrounding villages; and (3) supporting improvement of enforcement model of Pu Mat National Park by training rangers in SMART (Spatial Monitoring and Reporting Tool).

Stamp funds: \$53,984

FWS: \$60,341

Leveraged Funds: \$6,283

Marine Turtle Conservation Fund

CAMEROON

MT 12-053

Grant # F12AP01159

Support for the Creation of the Elombo Marine National Park, Cameroon. In partnership with Chelonee, this project will support nest surveys and nest protection within the proposed marine national park and enables the grantee to assist the Ministry of Environment with fishing community meetings to address concerns and opposition to the planned Park.

Stamp funds: \$13,932 Leveraged funds: \$12,344

CAPE VERDE

MT1715

Grant # F17AP00180

Conservation, protection, and management of the most important nesting beaches of the Cape Verde loggerhead rookery with the local community. In partnership with Cabo Verde Natura 2000. The purpose of this project is to implement nesting beach conservation programs on beaches that include about 40 percent of the loggerhead nesting activity on the Island of Boa Vista. This project intends to protect loggerheads by preventing nesting females and their nests from illegal harvests. Activities include setting up two field camps to support daily patrols on Ervatao and Porto Ferreira beaches throughout the nesting season that will complement the nesting beach coverage of the Turtle Foundation and activities of BIOS.CV on Boa Vista.

Stamp funds: \$58,038 Leveraged funds: \$36,613
FWS: \$58,089

MT1734

Grant # F17AP00191

Strengthening marine turtle conservation strategies in the Tartaruga Natural Reserve (Boa Vista, Cape Verde). In partnership with BIOS.CV. The purpose of this project is to implement a sea turtle conservation project on Joao Barrosa beach, one of the highest-density loggerhead nesting beaches on Boa Vista, accounting for about 25 percent of nesting on the island, which itself accounts for 80 percent of the Cape Verde loggerhead nesting population. The intention is to protect nesting females from slaughter for meat and nests from poaching. Activities include: (1) setting up a field camp to support nightly patrols to deter poaching and count nests; and (2) conducting outreach and education activities with local communities in coordination with the Turtle Foundation and Natura 2000. The Joao Barrosa camp complements nesting beach conservation projects on Boa Vista conducted by Natura 2000 and the Turtle Foundation, which together protect about 95 percent of the sea turtle nesting on Boa Vista.

Stamp funds: \$17,475 Leveraged funds: \$86,178

Continuation Awarded in 2018

MT1734

Grant # F17AP00191

Strengthening marine turtle conservation strategies in the Tartaruga Natural Reserve (Boa Vista, Cape Verde). In partnership with BIOS.CV. The purpose of this project is to implement a sea turtle conservation project on Joao Barrosa beach, one of the highest-density loggerhead nesting beaches on Boa Vista, accounting for about 25 percent of nesting on the island, which itself accounts for 80 percent of the Cape Verde loggerhead nesting population. The intention is to protect nesting females from slaughter for meat and nests from poaching. Activities include: (1) setting up a field camp to support nightly patrols to deter poaching and count nests; and (2) conducting outreach and education activities with local communities in coordination with the Turtle

Foundation and Natura 2000. The Joao Barrosa camp complements nesting beach conservation projects on Boa Vista conducted by Natura 2000 and the Turtle Foundation, which together protect about 95 percent of the sea turtle nesting on Boa Vista.

Stamp funds: \$18,875 Leveraged funds: \$229,315
FWS: \$24,000

COSTA RICA

MT-G292

Grant # F11AP00360

Conserving Leatherbacks in Costa Rica. In partnership with Fundecoded, this project will support efforts to conserve leatherbacks at one of the key nesting beaches in Costa Rica. Under this award the recipient will conduct nesting surveys and nest protection activities throughout the 2011-2012 nesting season.

Stamp funds: \$7,000 Leveraged funds: \$1,650
FWS: \$31,999

MT1851

Award # F18AP00327

Conservation and monitoring program of leatherback (*Dermochelys coriacea*) sea turtles that nest the North Pacific beaches of Costa Rica: Langosta, Nombre de Jesús, Real, Honda y Zapotill. In partnership with Fundecodes. The purpose of this project is to implement a conservation program for the East Pacific leatherback nesting population in Costa Rica. The East Pacific population was the world's largest in the 1980s, with an estimated 150,000 nests annually in Mexico and 10,000 nests annually in Costa Rica. The population has declined precipitously due to poaching of nests (and in Mexico nesting females also) and fisheries bycatch. Now fewer than 1,000 nests are recorded each year in Mexico and fewer than 200 in Costa Rica, and this project is critical to preventing the extirpation of this population. The intention of this project is to protect leatherback nests from poaching, predators, and tidal inundation. Activities include: (1) training field teams to conduct nighttime nesting surveys and protection patrols at several of the key remaining nesting sites; Playa Langosta, Playa Nombre de Jesús, Zapotilla, Honda, and Real; (2) relocating nests to safe beach hatcheries

Stamp funds: \$39,222 Leveraged funds: \$2,210

DEMOCRATIC REPUBLIC OF CONGO

MT 12-087

Grant # F12AP01085

Strengthening of the Nest Monitoring and Launching of a Sea Turtle/fisherman Release Program on the Muanda Shoreline. In partnership with Action Communautaire de Development et d'Encadrement Social, this project will support a community based sea turtle conservation project along Muanda nesting beaches in the Democratic Republic of Congo. The recipient will patrol four nesting beaches to protect nesting Olive Ridley and leatherbacks as well as work with community artisanal fisherman to protect and release turtles captured in fishing nets. Education and awareness campaigns will also be conducted in local schools and communities.

Stamp funds: \$15,204 Leveraged funds: \$1,257

ECUADOR

MT 13-051

Grant # F13AP00947

A Conservation Program for East Pacific Green Turtles Nesting in the Galapagos

Archipelago. In partnership with the Charles Darwin Foundation, this project will support efforts to establish an integrated long-term conservation program for East Pacific green turtles at Galapagos National Park. Population trends will be monitored at primary nesting beaches, and key threats will be assessed to determine the appropriate management response from the National Park. This grant will also conduct community outreach and capacity building.

Stamp funds: \$26,154 Leveraged funds: \$125,130

GABON

MT 12-060

Grant # F12AP01122

The Gabon Sea Turtle Partnership for Leatherback Conservation. In partnership with the Wildlife Conservation Society, this project will support nesting beach conservation programs for one of the two largest leatherback nesting populations in the world through an alliance of National Park, NGO, and local community participants. The grant also supports the National Commission for National Parks to increase its capacity to address substantial sea turtle bycatch from legal and illegal coastal fisheries within and adjacent to coastal National Parks.

Stamp funds: \$2,514 Leveraged funds: \$63,037

FWS: \$200,001

MT 1472

Grant # F14AC00254

Conserving Gabon's leatherbacks: New challenges and opportunities, 2014-2015. In partnership with the Wildlife Conservation Society, this project will coordinate and support activities of the Gabon Sea Turtle Partnership, including coordinating nesting beach and aerial surveys to assess leatherback nesting trends; protect nests and nesting females on major nesting beaches within Gabon's National Parks Agency (ANPN) Protected Areas; continue to assess and implement log removal programs on nesting beaches; expand fisheries bycatch measures and turtle excluder device (TED) requirements on fishing trawls; develop on-board observer programs for longline vessels; initiate a Corisco Bay fisheries bycatch assessment of artisanal fishers; and conduct education and awareness programs locally and nationally. Gabon is the epicenter for the largest leatherback nesting population in the world, and conservation of this nesting population is the focus of this project.

Stamp funds: \$90,191 Leveraged funds: \$82,610

FWS: \$117,000

GUATEMALA

MT1846

Award # F18AP00326

Strengthening sea turtle conservation and assisting CONAP in meeting Guatemala's IAC

commitments. In partnership with the Wildlife Rescue and Conservation Association (ARCAS). The purpose of this project is to implement a sea turtle conservation program in Guatemala. The intent is to protect sea turtles and their nests from poaching and depredation and to assist the

government of Guatemala in complying with its obligations under the Inter-American Sea Turtle Convention (IAC) regarding exceptions for sustainable harvest of eggs. Activities include: (1) conducting nest monitoring surveys at eight index beaches to assess long-term population trends; (2) strengthening hatchery management through capacity building workshops to improve hatching success; and (3) working with the National Council of Protected Areas (CONAP) and the IAC to develop a management plan for the sustainable harvest of olive ridley eggs.

Tiger stamp: \$2,984

Leveraged funds: \$17,245

FWS: \$24,955

GUINEA-BISSAU

MT 12-069

Grant # F12AP01150

Conservation and Management of Sea Turtle Populations in the Bijagos Archipelago: Engaging Local Communities and Strengthening National Technical Capacity. In partnership with IPSA University, this project will support capacity building of local communities and the National Park Agency (IBAP) to carry out sea turtle conservation programs at Joao Vieira-Poilao Marine National Park and Orango National Park where poaching of nests and nesting females is still common. These parks respectively host the largest green turtle nesting population in Africa and one of the largest Olive Ridley nesting population in the region.

Stamp funds: \$19,936

Leveraged funds: \$28,500

INDONESIA

MT1729

Grant # F17AP00189

Conservation of Pacific leatherback turtle in the Bird's Head region of Papua, Indonesia. In partnership with Universitas Papua (UNIPA), the University of Papua. The purpose of this project is to conduct a conservation program for the endangered western Pacific leatherback nesting population at Jamursba Medi and Wermon beaches and strengthen conservation efforts with local communities.

Stamp funds: \$53,000

Leveraged Funds: \$128,875

Award # F18AP00213

Conservation of Pacific Leatherback Turtle in the Bird's Head Region of West Papua, Indonesia. In partnership with Lembaga Penelitian dan Pengabdian Masyarakat UNIPA. This project will carry out a nesting beach conservation program for the West Pacific leatherback population. The intent is to conduct community based nest protection programs to prevent hog and dog nest depredation and loss of nests to erosion and tidal inundation. This region hosts 75 percent of remaining W. Pacific leatherback nesting which has experienced a dramatic population decline in last three decades. Activities include: (1) daily night patrols on the 18 km Jamursba Beach and 6 Km Wemon Beach to count nests and nesting females; (2) community-based activities to reduce hog population; (3) relocation of nests threatened by tides or erosion to safe beach locations and enclosing nests to prevent hog depredation; (4) conducting outreach and awareness programs in local communities and schools and a Turtle Camp for children; and (5) activities with the

community like working with school children to increase reading, writing and math skills through after school programs and with marketing of agricultural and hunting products.

Stamp funds: \$79,999 Leveraged Funds: \$0

IVORY COAST

MT1536

Grant #F15AP00640

Conservation of sea turtles of the Ivory Coast. In partnership with Conservation des Especies Marines, the purpose of this project is to conduct night patrols with community ecoguards along the 14 km Mani Beach throughout turtle nesting season as well as promote other turtle conservation activities. The project aims to reduce the threat to turtles and their nests from poaching and bycatch. Specific activities will include conducting a turtle release program with fishermen at Grand Bereby, and conducting education and awareness campaigns in three local villages adjacent to Mani Beach.

Stamp funds: \$23,237 Leveraged funds: \$50,265
FWS: \$24,980

LIBERIA

MT 12-075

Grant # F12AP01090

Coastal Protection of Sea Turtle in Bassa Point, Little Bassa and Edina, Liberia. In partnership with Sea Turtle Watch, this project will support community based nest survey and protection efforts along 12 miles of nesting beach and community outreach activities including establishment of four marine nature clubs with school youth, and work with local community leaders to develop community action plans to conserve sea turtles.

Stamp funds: \$15,004 Leveraged funds: \$6,193

MT 13-064

Grant # F13AP00951

Continuation of the Marine Turtle Project in Bassa Point, Little Bassa and Edina, Liberia. In partnership with Sea Turtle Watch, this project will support community based nest survey and protection efforts along 12 miles of nesting beach. This grant will also establish four marine nature clubs as part of a community education and outreach plan aimed at developing future sea turtle conservationists.

Stamp funds: \$11,000 Leveraged funds: \$27,163

MEXICO

MT 12-054

Grant # F12AP01088

Population Recovery of the Black Sea Turtle of Michoacán, Mexico. In partnership with the University of Michoacán, the project will support a community based nesting beach conservation program for the black turtle at Colola and Maruata Beaches, the two most important nesting beaches for this species in the East Pacific.

Stamp funds: \$24,999 Leveraged funds: \$0

MT1800**Award # F18AP00202**

Mexico/United States of America population restoration project for the Kemp's ridley sea turtle (*Lepidochelys kempii*), on the coasts of Tamaulipas, Mexico. In partnership with the Valley Zoological Society. The purpose of this project is to support the Mexico-U.S. binational Kemp's ridley sea turtle conservation project in Mexico. This project addresses the threats to nests from poaching, nest depredation, and tidal inundation on the six main nesting beaches in the State of Tamaulipas. Activities include: (1) conducting daily patrols and nest relocation to hatcheries; and (2) assisting the Mexico Commission of Protected Areas with outreach and education activities with local communities.

Stamp funds: \$25,000

Leveraged funds \$475,000

Award # F18AP00320

Conservation of the Leatherback Turtle (*Dermochelys coriacea*) in the Mexican Pacific. In partnership with Kutzari, Asociacion para el Estudio y Conservacion de las Tortugas Marinas, A.C. The purpose of this project is to implement a conservation program for the East Pacific leatherback nesting population. This population was the world's largest in the 1980's but due to killing of nesting females, overharvest of eggs and accidental capture in gill net and longline fisheries it has been reduced to less than 1000 nests each year in Mexico. Mexico historically accounted for 90 percent of the East Pacific nesting population. The intent of this project is to implement a nesting beach conservation program on three primary and two secondary nesting beaches in Mexico to protect nests. Activities include: (1) patrolling Tierra Colorada, Cahuitan, Barra de la Cruz, San Juan Chacahua and Bahia de Chacahua nesting beaches at night throughout the nesting season to deter poaching and count nests to monitor nesting trends; and (2) relocate nests threatened by poaching and tidal inundation to secure beach hatcheries.

Stamp funds: \$67,488

Leveraged Funds: \$151,073

MULTIPLE - ECUADOR AND EL SALVADOR**Award # F19AP00495**

Vital Support for Hawksbills in the Eastern Pacific Ocean: Year VI of Conservation at Top-Tier Nesting Beaches. In partnership with The Ocean Foundation. The purpose of this project is to implement a conservation program that will contribute to the recovery of the East Pacific hawksbill population, the smallest and most endangered hawksbill nesting population in the world with fewer than 700 nesting females. The intent of this project is to conduct community based nesting beach conservation projects on four of the most important nesting beaches in El Salvador and Ecuador. Activities include; (1) community based patrols to deter illegal poaching of nesting females and eggs and counting of nests to monitor population trends at Los Cobanos and Punta Amapala, El Salvador and Machalilla and El Pelado in Ecuador; and (2) relocation of nests threatened by poaching or tidal inundation to safe beach hatcheries.

Stamp funds: \$42,600

Leveraged Funds: \$70,300

NICARAGUA**MT1669****Grant # F16AP00630**

Vital support for hawksbills in the Eastern Pacific Ocean: Year III of conservation at five top-tier nesting beaches. In partnership with The Ocean Foundation. The purpose of this project is to conduct nesting beach conservation projects for Eastern Pacific hawksbills at five secondary nesting beaches in Los Cobanos and Punta Amapala, El Salvador; Machalilla and El Pelado, Ecuador; and Aserradores, Nicaragua. These beaches account for 32 percent of all known nesting of the Eastern Pacific hawksbill, which is one of the most endangered hawksbill populations globally with fewer than 500 nests per year. Nests are threatened by poaching and project activities include night patrols throughout the nesting season and relocation of nests to safe in situ sites or hatcheries, as well as community outreach and education activities.

Stamp funds: \$21,389

Leveraged funds: \$121,785

FWS: \$45,000

PORTUGAL

MT1662

Grant # F16AP00626

Consolidating sea turtle conservation in the Azores 2 (COSTA2). In partnership with *Instituto do Mar*. The purpose of this project is to conduct conservation programs to address loggerhead bycatch mortality from long-line fishing vessels in the Azores. The Azores are a major developmental habitat and foraging grounds for juvenile loggerheads from the Northwest Atlantic loggerhead nesting population, which nests primarily in the U.S. Activities include placing observers on longline vessels to collect sea turtle bycatch data, analyzing historical and current bycatch data to determine interaction zones for future management intervention, and training fishers in safe handling and release practices.

Stamp funds: \$40,073

Leveraged Funds: \$25,000

FWS: \$49,600

REGIONAL – ATLANTIC COAST OF AFRICA

MT 12-066

Grant # F12AP01174

Scientific and Technical Support for Marine Turtle Conservation Projects along the Atlantic Coast of Africa. In partnership with the Ocean Ecology Network, this project will provide technical support for the Marine Turtle Conservation Act funded projects in Morocco, Cape Verde, Sierra Leone, Liberia, Principe, Angola and Namibia and build capacity of implementing project personnel and institutions in the area of scientific techniques, methodologies and community involvement.

Stamp funds: \$51,565

Leveraged funds: \$27,680

FWS: \$85,618

REGIONAL – INDIAN OCEAN SOUTHEAST ASIA

MT 13-012

Grant # F13AP00962

Indian Ocean – South – East Asian Marine Turtle (IOSEA) Technical Support and Capacity Building Program - Phase 2. In partnership with IOSEA Marine Turtle MOU Secretariat, this project will provide technical support/capacity building training missions to IOSEA member countries.

Stamp funds: \$18,000

Leveraged funds: \$10,000

REGIONAL – LATIN AMERICA AND THE CARIBBEAN

MT 13-013

Grant # F13AP00248

Strengthening Regional Sea Turtle Conservation Efforts through Support for the Sixth Conference of the Parties of the Inter-American Sea Turtle Convention (IAC). In partnership with the National Marine Sanctuary Foundation, this project will organize COP 6 in 2013 and organize meetings of the subsidiary bodies as necessary.

Stamp funds: \$24,310

Leveraged funds: \$14,000

REGIONAL – SOUTH AMERICAN PACIFIC COAST

MT1671

Grant # F16AP00631

Capacity building for fishermen to create awareness and promote conservation of East Pacific leatherback turtles. In partnership with National Marine Sanctuary Foundation. The purpose of this project is to raise awareness and support of governments and fishermen from South American Pacific coast countries to address leatherback fisheries bycatch mortality where threats to East Pacific leatherbacks are greatest on foraging grounds and migration routes. Activities include bringing key government officials from fisheries agencies and key fisherman leaders to the East Pacific nesting beaches in Mexico or Costa Rica to learn about the nesting beach conservation programs and to experience leatherback nesting. A workshop on safe handling and release techniques will also be conducted.

Stamp funds: \$16,818

Leveraged funds: \$5,640

REGIONAL - WESTERN HEMISPHERE

MT1984

Award # F19AP00498

Strengthening Regional Sea Turtle Conservation Through the Support of the Inter-American Convention for the Protection and Conservation of Sea Turtles (IAC). In partnership with the National Marine Sanctuary Foundation. This project will support the implementation of the Inter-American Sea Turtle Convention with 15 member Parties including the U.S. The intent is to promote regional collaboration and cooperation of sea turtle conservation within the Western Hemisphere. Activities include: (1) convening of Conference of the Parties, Scientific and Consultative Committees and support for associated travel and translation expenses; (2) travel support to meet with high-level governmental decision makers in range state countries of the highly endangered East Pacific leatherback sea turtle to discuss measures to minimize accidental capture of leatherbacks in artisanal and industrial fisheries; and (3) travel support for Secretariat to meet with high-level governmental decision makers in Western Hemisphere countries to foster new country membership.

Stamp funds: USFWS: \$15,536

Leveraged Funds: \$2,820 (\$15,356 STAMP)

FWS: \$48,034

REPUBLIC OF CONGO

MT 12-068

Grant # F12AP01127

Marine Turtle Monitoring and Protection in the Republic of Congo. In partnership with Renatura this project will support efforts to protect nesting Leatherback and Olive Ridley sea turtles along 12.5 miles of nesting beach adjacent to Conkouati-Douli National Park as well as continuation of a turtle bycatch release program with local fisherman that releases approximately 1,500 turtles annually. An environmental outreach program with local communities is an integral component of the project.

Stamp funds: \$24,999

Leveraged funds: \$33,482

MT 13-050

Grant # F13AP00971

Marine Turtle Monitoring and Protection in the Republic of Congo. In partnership with Renatura, this project will support efforts to protect nesting Leatherback and Olive Ridley sea turtles along 12 miles of nesting beach adjacent to Conkouati-Douli National Park. This grant will enable the continuation of a turtle bycatch release program with local fisherman that releases approximately 1500 turtles annually. Environmental education and outreach programs will also be conducted with local communities.

Stamp funds: \$13,071

Leveraged funds: \$45,504

FWS: \$25,000

Award # F17AP00396

Marine Turtle Monitoring and Protection in the Republic of Congo. In Partnership with Renatura. This project will protect sea turtle nesting populations on 56 km of nesting beaches within Conkouati- Douali National Park, and 30 km of nesting beach outside the Park which are important nesting beaches for the West Africa leatherback nesting population and Atlantic Africa nesting population of olive ridleys. The West Africa leatherback nesting population is the largest in the world with its nesting epicenter in adjacent Gabon and the Park provides the most important nesting beaches on the southern edge of the West Africa nesting range with 400-800 nests annually in recent years. Community members from local villages are employed and trained to patrol and protect nests from poaching. Prior to these community based programs almost 100 percent of nests were poached. The grantee also works collaboratively with fisherman to safely release sea turtles accidentally captured in gill nets on important foraging grounds and results in the release of over 1,500 turtles annually.

Stamp funds: \$19,998

Leveraged Funds: \$5,316

SOLOMON ISLANDS

MT 12-065

Grant # F12AP01149

Community Based Leatherback Monitoring, Education, and Awareness Programs for Tetepare and Rendova Island. In partnership with the Tetepare Descendants Association, this project will support community based nesting beach conservation programs for two important Leatherback turtle nesting beaches in the Solomon Islands which are part of the critically endangered West Pacific Leatherback nesting population.

Stamp funds: \$31,224

Leveraged funds: \$8,500

MT1674

Grant # F16AP00632

Community-based sea turtle conservation in Melanesia: Protection and monitoring of leatherback and hawksbill turtles in the western Solomon Islands. In partnership with the Solomon Islands Community Conservation Partnership. The purpose of this project is to conduct community-based nesting beach conservation programs to prevent poaching on the important leatherback and hawksbill nesting beaches on three islands in the Solomon Islands. Activities include: (1) night patrolling of nesting beaches throughout the nesting season; (2) relocation of nests to hatcheries or safe beach sites; and (3) training workshops for community patrol members. Solomon Islands host the third most important nesting sites for the critically endangered West Pacific leatherback nesting population.

Stamp funds: \$25,000

Leveraged funds: \$10,000

SPAIN

MT 13-055

Grant # F13AP00974

Involving the Spanish Long-distance Fisheries in the Conservation of the NW Atlantic Nesting Loggerhead Population. In partnership with KAI Marine Services, this project supports workshops for captains and crews of Spanish long line fisheries vessels, which are the most impactful fleet in the Eastern Atlantic and Mediterranean for loggerhead bycatch. Captains and crews will be taught bycatch mitigation measures, safe handling, and release techniques for turtles. A website will be maintained to enable the rapid dissemination of information to scientists, fisherman and government policymakers in the Mediterranean region on bycatch issues and reduction measures.

Stamp funds: \$35,719

Leveraged funds: \$56,100

FWS: \$46,200

MT1719

Grant # F17AP00182

Conservation of the loggerhead turtle in the western Mediterranean: Coordinated solutions for bycatch reduction in the foraging population of the Comunidad Valenciana (Spain). In partnership with Asociación Chelonia. The purpose of this project is to evaluate and reduce accidental marine turtle bycatch and marine debris from artisanal fisheries operating from Valencia community ports and raise awareness of the loggerhead conservation status and issues. Activities include: (1) placing on-board observers on artisanal fishing boats to collect sea turtle bycatch data; (2) collecting data on recreational fishing activities and effort in the Valencia community; (3) working with fishermen associations to reduce marine debris; (4) conducting an awareness-raising campaign, including publication of the Turtle Gazette for fishermen; (5) distributing informational electronic newsletters to environmental departments of 59 coastal communities to inform them about loggerhead conservation issues and actions community governments can assist with and implement.

Stamp funds: \$24,497

Leveraged Funds: \$78,611

USA

MT 12-055

Grant # F13AP00094

33rd Annual Symposium on Sea Turtle Biology and Conservation. In partnership with the International Sea Turtle Society, this project will strengthen international cooperation and collaboration on sea turtle research, management practices and conservation efforts. Under this award the recipient will bring together more than 1000 specialists and students working on sea turtles from throughout the world to the 33rd Annual International Sea Turtle Symposium.

Stamp funds: \$40,000 Leveraged funds: \$155,000

FWS: \$45,000

YEMEN

MT13-038

Grant # F13AP00276

Raising Awareness and Building Capacity of Yemeni Local Communities for Sea Turtle Conservation. In partnership with the Yemeni Biological Society, this project will support sea turtle conservation efforts in key loggerhead, green and hawksbill nesting beach habitat. Community sea turtle protection teams will establish and implement standardized monitoring efforts. Outreach and education activities will also be conducted working with local tribal leaders in communities adjacent to key nesting beaches.

Stamp funds: \$48,825 Leveraged funds: \$15,750

Rhino Tiger Conservation Fund

BURMA

RT-1460

Grant # F14AP00635

Empowering local ethnic communities to conserve tigers and their habitats in Myinmoletkhat Key Biodiversity Area (KBA). In partnership with the Wildlife Conservation Society. This project will empower local community representatives to monitor tigers, their prey, and other key wildlife and their habitats; establish a collaborative wildlife protection system between local communities, the Forest Department and the Karen National Union; and support the establishment of a protected area.

Stamp funds: \$11,709 Leveraged funds: \$40,235

FWS: \$39,726

BANGLADESH

RT-1250

Grant # F12AP00929

Bringing about Social Change to Reduce Key Threats to Tigers in the Bangladesh

Sundarbans, Year 2. In partnership with Wildlife Trust of Bangladesh, this project will use conservation education and public outreach to encourage local inhabitants to commit to not killing tigers or their prey by increasing social disapproval of these behaviors and by promoting saving tigers as heroism. This will be done by organizing a series of appropriately tailored outreach programs for teachers, journalists, religious leaders, local politicians and village men and women; organizing a boat race; erecting tiger conservation campaign banners, and carrying out the second annual Sundarbans Tiger Festival.

Stamp funds: \$54,646

Leveraged funds: \$152,385

CHINA

RT1848

Award # F18AP00861

Anti-poaching and population monitoring in Tiger and Leopard National Park, China. In partnership with the Wildlife Conservation Society. The Amur tiger is the flagship species of the forest ecosystem of northeast China and the Russian Far East. There are approximately 400-500 Amur tigers in the Russian Far East, but fewer than 30 individuals thought to be in China. The newly-designated Tiger and Leopard National Park (TLNP) in northeast China can play a critical role in re-establishing tiger populations there, but development and management of this new protected area are needed. Project objectives are to: (1) introduce and institutionalize SMART (Spatial Monitoring and Reporting Tool) for patrolling across the ten subunits of TLNP; and (2) continue monitoring tiger populations in northeast China.

Stamp funds: \$402

Leveraged funds: \$60,717

FWS: 59,000

INDIA

RT-1248

Grant # F12AP01032

Protecting and Monitoring Tigers in the Corbett-Rajaji Landscape, India. In partnership with Panthera, this project will support and enhance law enforcement important to tiger conservation by training and equipping frontline staff and Special Operation Groups to prevent wildlife crimes. Also, by monitoring the density of tigers, co-predators, prey, and disturbance variables the project will evaluate protection efficacy and support appropriate management interventions.

Stamp funds: \$20,291

Leveraged funds: \$58,320

FWS: \$66,500

RT1720

Grant # F17AP00991

Mitigating human-tiger conflicts through stakeholder participation in Dudhwa-Pilibhit Tiger Reserve of Uttar Pradesh, India – Establishing a unique integrative conflict mitigation model. In partnership with the Wildlife Trust of India. The purpose of this project is to mitigate human tiger conflicts through stakeholder participation in the Dudhwa-Pilibhit Tiger Reserve, Uttar Pradesh, India. To reduce human-tiger conflicts, the project will: (1) enhance the integration of local community participation in conflict mitigation through the formation and mobilization of voluntary Primary Response Teams in identified conflict hotspots in the Dudhwa and Pilibhit Tiger Reserve landscape; (2) increase the reach of the established Rapid Response

Team; and, (3) increase awareness about wildlife, wildlife conservation, and human-wildlife conflict by at least 40-50% among school teachers and students at 125 rural schools in the project landscape.
Stamp funds: \$84,007 Leveraged funds: 53,606
FWS: \$99,152

RT1839

Award # F18AP00795

Monitoring of key tiger (*Panthera tigris tigris*) populations in corridors in Central Indian Tiger Landscape, India. In partnership with the Wildlife Conservation Trust. Recent scientific work on tigers shows that focusing on corridors connecting tiger source sites is essential to ensure long-term viable tiger populations. A landscape-level approach towards maintaining meta-populations is key, but in a developing economy like India, which supports approximately 60 percent of the global tiger population, conserving multiple use areas (corridors) is very challenging. The burgeoning infrastructural expansion, linear structures, and projects such as mining threaten the persistence of these corridors and strongly impact wildlife. The goal of this project is to upgrade the status of important areas for tigers outside protected areas, ensuring better wildlife management strategies and mainstreaming of such areas into tiger conservation strategies. Project objectives include: (1) generating long-term spatial data on tiger densities and population dynamics of tigers outside of protected areas to influence the larger tiger conservation policy framework at the landscape and national level; and (2) strengthening capacity of forest staff and other stakeholders in monitoring tiger populations outside of protected areas and in using individual-level data in mitigating human-tiger conflict and monitoring tiger populations and dispersal events.

Stamp funds: \$9,083 Leveraged funds: \$291,803

FWS: \$75,210

INDONESIA

RT-1459

Grant # F14AP00634

Conservation of the tigers of Bukit Baresan Selatan through improved law enforcement and reduced human-tiger conflict. In partnership with the Wildlife Conservation Society. This project will decrease tiger and prey poaching and deforestation by catalyzing a stronger law enforcement response from the Bukit Baresan Selatan (BBS) park staff via training and provision of equipment; and decrease human-tiger conflict in BBS/Bukit Balai Rejang through support of specialized tiger-conflict mitigation teams. Stamp funds: \$59,661 Leveraged funds:

\$61,266

RT1687

Grant # F16AP01028

Establishment of a field clinic facility for Sumatran tigers (*Panthera tigris sumatrae*) injured in the wild, and for rehabilitated trafficked tigers returning to the wild. In partnership with Yayasan Alam Satwa Tatar Indonesia (ASTI). The purpose of this project is to address the serious consequences of trapping of wild tigers by poachers entering natural tiger habitat, and the trafficking of live tigers for the illegal pet trade. The project has the following objectives: (1) establish a health care facility (clinic and rehabilitation/habituation enclosure) for Sumatran tigers close to tiger habitat in Kerinci Seblat National Park; and (2) raise awareness among local communities of the great need for people to live in harmony with Sumatran tigers and to respect their presence in the ecosystem.

Stamp funds: \$68,853

FWS: \$78,253

Leveraged funds: \$36,117

RT1679

Grant # F16AC00289

Strengthening protection in Way Kambas and Bukit Barisan Selatan Antional Parks and other Indonesian Protected Areas. In partnership with International Rhino Foundation. The purpose of this phase (Phase II) of the project is to strengthen the capacity of Indonesian investigative, law enforcement, and community capabilities to reduce the devastation and loss of fauna and flora in Protected Areas by training new Indonesian Wildlife Protection Units. This will be achieved by replicating the basic training and refresher courses provided by the Rhino Protection Unit (RPU) leadership to new recruits through classroom instruction, field exercises, and follow-up visits. Specific project activities include: (1) training up to 10 four-man protection units per course from areas (to be determined) that could most benefit from this training, with the two-week course aiming to allow access to both Way Kambas and Bukit Barisan Selatan National Parks and in-service training with experienced RPU personnel; and (2) contratcting an outside professional to conduct a threats assessment of Way Kambas and Bukiti Barisan Selatan National Parks in collaboration with the RPUs and Park staff and with interviews of relevant stakeholders.

Stamp funds: \$18,000

Leveraged funds: \$7,030

FWS: \$862,494

KENYA

RT1609

Grant # F16AP00287

Protecting Borana Conservancy's black rhino population in Laikipia County, Kenya. In partnership with Save the Rhino International. To improve the ability of security staff to monitor and protect eastern black rhinos recently reintroduced to Borana Conservancy, funds will be used to upgrade the accommodations for rangers at three bases and to support ongoing operating costs for ground and aerial anti-poaching patrols.

Stamp funds: \$25,847

FWS: \$78,341

Leveraged funds: \$713,518

RT1616

Grant # F16AP00299

Completing the transition from analogue to digital radios for Ol Jogi black and white rhino reserve. In partnership with Save the Rhino International. Many of Kenya's eastern black rhinos reside on land outside of national parks, protected by private landowners, affiliated through the Associated Private Land Rhino Sanctuaries. These funds will help complete the purchase and installation of a digital radio system in order to modernize the ability of these rhino custodians and their patrol teams to communicate securely to their control room, and with other sanctuaries and the national authorities.

Stamp funds: \$29,774

FWS: \$75,988

Leveraged funds: \$1,164,931

Award # F19AP00862

Maintaining Black Rhino Security and Monitoring in the Chyulu Hills, Kenya. In partnership with Big Life Foundation. The purpose of this project is to improve patrol coverage of the black rhino population in the Chyulu Hills, Kenya. Kenya remains the stronghold for the Eastern black rhino subspecies, and activities will improve security for rhinos and other wildlife in the Chyulu Hills National Park where poaching is a continued threat. Activities include: (1) supporting monitoring and patrols within the park with the goal of achieving a zero-poached status.

Stamp funds: \$48,800 Leveraged Funds: \$357,148

FWS: 100,100

MALAYSIA

RT-1458

Grant # F14AP00633

Conservation of the tigers in the designated Permanent Reserved Forests of the EndauRompin landscape (states of Johor and Pahang), Malaysia, through on-the-ground law enforcement and monitoring of potential human-tiger conflict. In partnership with the Wildlife Conservation Society. This project will continue robust, on-the-ground law enforcement efforts in the designated permanent reserve forests within the Endau-Rompin Landscape; carry out surveillance of poachers and other intruders using camera-traps in this same area; conduct village briefings for local residents or communities in four districts of the ERL; and identify potential hotspots of human-tiger conflict along forest edges.

Stamp funds: \$59,848 Leveraged funds: \$60,260

NEPAL

RT1709

Grant # F17AP00952

Ensuring long-term survival of the recolonizing tiger population in Banke National Park and Kamdi corridor, Nepal. In partnership with the National Trust for Nature Conservation in Nepal. The purpose of this project is to ensure the long-term survival of the recolonizing tiger population in Banke National Park and Kamdi corridor, Nepal. To reduce poaching threats to tigers and other endangered wildlife, the project will: (1) conserve and manage key tiger habitats in the core area of the Park; (2) control poaching and other illegal activities along the buffer zone and corridor forests; (3) enhance the institutional capacity of institutions within the buffer zone; and (4) harmonize the relationship between the Park and people to reduce animosity toward wildlife.

Stamp funds: \$1,234 Leveraged funds: \$20,641

FWS: \$56,529

Award # F19AP00786

Securing Habitat for Sustainable Future of Rhino Tiger in Chitwan Parsa Complex, Nepal.

In partnership with National Trust for Nature Conservation (NTNC). The project goal is to ensure survival of tigers and rhinos through habitat management. Project objectives are: (1) restore habitat in Chitwan Parsa Complex; (2) improve the status of grassland and wetland dwelling wild animals; and; (3) build national capacity in habitat management. Chitwan National Park, Parsa National Park, conservation organizations, local communities, rhinos (>600 individuals), tigers (~110 individuals), and other wild animals of Chitwan-Parsa Complex will benefit from this project.

Stamp funds: \$30,000 Leveraged Funds: \$68,973

FWS: \$72,185

RUSSIA

RT-1258

Grant # F12AP00962

The Forest Eyes Initiative: Enhancing Anti-poaching in Amur Tiger Habitat, Russian Far East. In partnership with the Zoological Society of London, this project will pilot test a new approach for gaining information on illegal human entries to protected tiger habitats. This will be done by developing and implementing a camera trap surveillance system to help monitor and combat poaching in Lazovsky State Nature Zapovednik and Zov Tigra National Park to better protect the tiger and its prey.

Stamp funds: \$36,010 Leveraged funds: \$43,603

RT 1578

F15AP00832

Minimizing the impacts of human activities on Amur tigers in the Russian Far East through improved monitoring and law enforcement. In partnership with Zoological Society of London, this project will evaluate the effects of tourism on tiger movements, distribution and space use, and develop a tourist management plan that contains quantitative guidelines for mitigating those effects, and provide support for a database computer specialist to work with Zov Tigra National Park and Lazovsky State Nature Reserve during and after they transition from the MIST to the SMART law enforcement framework. This work is in collaboration with Wildlife Conservation Society and Phoenix Fund who together support inspector training and bonuses.

Stamp funds: \$14,979 Leveraged funds: \$60,605

FWS: \$42,363

RT-1282

Grant # F12AP00919

Managing Access to Unused Logging Roads: A Practical Means to Protecting Tiger Prey Populations in Primorye Russia. In partnership with the Wildlife Conservation Society, this project will demonstrate measurable changes in human access and wildlife population numbers, particularly ungulates, resulting from logging road closures in order to prove the effectiveness of closures for tiger conservation. This will be done by comparing changes in human use between three closed logging roads and three open logging roads. As warranted by the data, mandatory road closures will be promoted as a necessary component of Forest Stewardship Council certification.

Stamp funds: \$52,321 Leveraged funds: \$50,568

Award # F19AP00793

Safeguarding Amur Tiger Conservation Through SMART Law Enforcement and Protected Area Anti-Poaching Infrastructure Development in Southeast Primorye, Russian Far East.

In partnership with Zoological Society of London (ZSL). With USFWS-RTCF support ZSL has been strengthening anti-poaching and enforcement, through the Spatial Monitoring and Reporting Tool (SMART) approach and the Forest Eyes Initiative (enhanced surveillance through camera trap technology). This project will build on current USFWS-supported work to strengthen monitoring, and meet the needs identified by the new protected area. Project objectives are: (1) enhance anti-poaching surveillance efficiency and tourist management by upgrading a network of guard stations

throughout United Administrations of Lazovsky Zapovednik and Zov Tigra National Park (UALZZT); (2) Keep tigers stable or increasing, through continued SMART antipoaching surveillance implementation, engagement, promotion and capacity-building; and, (3) enhance the long-term tiger monitoring program in UALZZT by maintaining the camera trap grid that has been expanded to 3,000 sq km.

Stamp funds: \$70,000

Leveraged Funds: \$136,414

FWS: \$98,532

Award # F19AP00739

Encouraging Locals to Support Amur Tiger Recovery in Northern Range. In partnership with Phoenix Fund. Amur tigers rescued from the wild typically as orphans are being rehabilitated and released back to the wild in the Jewish Autonomous Province (JAP) of the Russian Far East (RFE). The goal of this project is to educate local communities in JAP on the importance of peaceful co-existence with Amur tigers. Phoenix will hold meetings with local hunters, villagers, and teachers, raise their awareness about co-existence with tigers and importance of tiger conservation, produce and distribute outreach materials, and assist Bastak Nature Reserve in organizing Tiger Day Festival in Birobidzhan. In cooperation with a local TV broadcasting company, a documentary series will be prepared featuring Amur tigers and tiger-human relations that will be broadcasted to a wide audience. Phoenix Fund's efforts in the region will ensure recovery of Amur tiger population in its northern historic range.

Stamp funds: \$20,000

Leveraged Funds: \$42,845

FWS: \$24,943

SOUTH AFRICA

RT1611

Grant # F16AP00292

Enhancing Hluhluwe-iMfolozi Park's anti-poaching operations to protect its Key 1 black and white rhino populations. In partnership with Save the Rhino International. To protect the black and white rhino populations of Hluhluwe-iMfolozi Park in KwaZulu Natal, South Africa, and to help law enforcement staff combat further rhino poaching losses, funds will be used to upgrade camp infrastructure for security outposts throughout the park, to support and equip teams to monitor rhinos and provide anti-poaching presence through ground patrols (foot, vehicle and horseback) and aerial surveillance patrols, and to provide capacity building and operating expenses related to building cases against and prosecuting poaching crimes.

Stamp funds: \$35,957

Leveraged funds: \$1,117,903

FWS: \$85,950

TANZANIA

RT1606

Grant # F16AP00270

Engaging community support for Mkomazi Rhino Sanctuary's black rhino conservation activities. In partnership with Save the Rhino International. To raise awareness and understanding of the importance of Mkomazi National Park in Northern Tanzania to the local ecology and economy, and to engender a sense of ownership and responsibility among the park's neighbors, the *Rafiki wa Faru* Program will sponsor at least thirty groups of school teachers, students, and local residents from fourteen local villages into the park for a day of environmental education and interaction with park and rhino project staff.

Stamp funds: \$1,989 Leveraged funds: \$21,690
FWS: \$42,213

Award # F19AP00871

Securing the Future of Tanzania's Third-Largest Eastern Black Rhino Population, the Mkomazi Rhino Sanctuary. In partnership with Save the Rhino International. The purpose of this project is to assist in the protection of an important population of Eastern black rhino in Mkomazi National Park, Tanzania. Activities include: (1) supporting ground and aerial patrols; (2) maintaining park infrastructure; (3) training and deploying a canine tracker team; (4) reviewing the rhino sanctuary's ecological carrying capacity; and (5) establishing a new rhino tracking and security outpost.

Stamp Funds: \$33,439 Leveraged Funds: \$530,057

TANZANIA / ZAMBIA

RT-1270

Grant # F12AP00776

Using Environmental Education Programmes to Address the Rhino Poaching Threat in Mkomazi National Park, Tanzania and North Luangwa National Park, Zambia. In partnership with Save the Rhino International, this project will provide ongoing support to environmental education programs to communities living in or near black rhino habitat in Kenya, Tanzania and Zambia in order to improve existing programs, to develop new educational materials, and to evaluate and monitor the effects of their outreach programs.

Stamp funds: \$60,427 Leveraged funds: \$0
FWS: \$94,725

VIETNAM

RT-1214

Grant # F13AP00020

Strengthening Efforts to Reduce Consumption and Illegal Trade of Tigers in Vietnam. In partnership with Education for Nature –Vietnam, the project will reduce demand for tiger products, strengthen efforts by law enforcement agencies to more effectively combat illegal trade of tigers, encourage greater public participation in ending tiger trade, and develop support for law enforcement and reduction of consumer demand among political leaders.

Stamp funds: \$47,945 Leveraged funds: \$23,478

ZAMBIA

RT1515**Grant # F15AP00614**

Black rhino protection monitoring operations and elephant conservation management in North Luangwa Park, Zambia. In partnership with Grzimek's Help for Threatened Wildlife (Frankfurt Zoological Society). This grant supports ongoing expenses for monitoring, management, and protection of North Luangwa National Park's reintroduced population of southern black rhinos. Specific activities include immobilization operations for ear-notching and implanting tracking equipment; ongoing monitoring through aerial and terrestrial operations to detect and respond to potential threats, and support for law enforcement capacity of the Zambia Wildlife Authority (ZAWA) through provision of specialized and in-service refresher training courses, uniforms, patrol equipment, and digital radio communications

Stamp funds: \$17,668

Leveraged funds: \$1,260,905

FWS: \$299,633

RT1608**Grant # F16AP00284**

Engaging community support for North Luangwa's black rhino conservation activities. In partnership with Save the Rhino International. In addition to traditional security, anti-poaching, and wildlife management, the North Luangwa Conservation Program in Zambia works to promote support among local people for conservation through outreach and education. To increase support for black rhino conservation and the protected areas, this grant supports the production of lesson plans and resource materials for 21 local schools, school visits by the program's outreach officer, training and mentoring for the officer and for appointed conservation teachers at each school, holding conservation celebration days; and conducting field trips with school or community groups into North Luangwa National Park.

Stamp funds: \$24,460

Leveraged funds: \$44,290

FWS: \$47,240

ZIMBABWE**RT-1331****Grant # F13AP00394**

Matopos National Park: Darting and Immobilization of Black and White Rhino for Routine Dehorning and Ear-notching to Aid Monitoring and Protection Strategies. In partnership with Dambari Wildlife Trust, this project will support Zimbabwe rhino management policy, which includes marking or tagging individual rhinos to facilitate regular, frequent individual monitoring for security purposes, and dehorning (removing rhino horns) in regions of perceived threat to reduce the incentive and rewards for poachers.

Stamp funds: \$10,780

Leveraged funds: \$43,247

RT1781**Grant # F17AP00436**

Rhinoceros management operations in Zimbabwe's Lowveld 2017-2019. In partnership with the International Rhino Foundation. This grant supports veterinary interventions for black and white rhinos in the southeast Lowveld of Zimbabwe for emergency health care and essential management operations in order to improve rhino security, monitoring of individuals, and

management of the metapopulation. The recipient will work with an experienced team to locate 7 and immobilize rhinos when necessary in order to treat the animals for (a) emergency veterinary treatment of snare injuries, bullet wounds, and other injuries; (b) ear-notching and installing noninvasive devices to aid rhino monitoring; (c) translocating rhinos from vulnerable areas to places of greater safety; and (d) dehorning to reduce the poaching risk.

Stamp funds: \$54,598

Leveraged funds: \$342,595

FWS: \$200,000

MULTIPLE - BHUTAN AND INDIA

RT F19AP00758

Strengthening Conservation of Tigers, Prey Animals and Habitats in the RipuChirang-Phibsoo Forest Complex within Transboundary Manas Conservation Areas (TraMCA) in India and Bhutan. In partnership with Aaranyak. The forest complexes that include Manas National Park/Manas Tiger Reserve (MTR) in India and Royal Manas National Park in Bhutan, are home to several threatened species including eight different species of cats, and other species of mammals and birds. The MTR which is 2,837 sq km, spreading 233 km east to west, is at the junction of Indo-Gangetic and Indo-Malayan realms. It is contiguous with Royal Manas National Park, Jimotsangha Wildlife Sanctuary and Phipsoo Wildlife Sanctuary on the Bhutan side. This project aims to: (1) estimate the population size of tigers, co-predators and their prey animals in the western buffers of Manas Tiger Reserve and new addition of Manas National Park along with neighboring protected areas of Bhutan; (2) evaluate habitat connectivity across the 4 protected areas of this transboundary forest complex; (3) conduct a threat assessment towards generating a conservation plan for tigers in this section of the forest complex. The goal of this integrated project is to understand tiger conservation potential of tigers in the forest complexes in the western part of Manas Tiger Reserve and adjoining Bhutan, and support conservation planning to ensure long term conservation of tigers and as well as habitats.

Stamp funds: \$40,000

Leveraged funds: \$41,130

FWS: \$54,400

MULTIPLE COUNTRIES – REGIONAL, AFRICA

Award # F19AP00872

Guiding and Facilitating the Conservation of Viable African Rhino Populations Across their Natural Range through the Work of the IUCN SSC African Rhino Specialist Group (AfRSG). In partnership with Save the Rhino International. The purpose of this project is to support the ongoing work of the IUCN African Rhino Specialist Group (AfRSG) Secretariat. Activities include: (1) advising and facilitating the efficient protection and dynamic biological management of healthy persistent African rhino populations within their natural range; (2) facilitating research, collation of information, and reporting on the status of African rhinos; (3) supporting targeted communication to a wide range of stakeholders; (4) ensuring effective leadership through capacity building and mentorship of the next generation of rhino conservationists; and (5) promoting sustainable finance and good governance for African rhino conservation.

Stamp funds: \$ 24,915

Leveraged funds: \$115,546

FWS: \$49,885