

U.S. Fish and Wildlife Service  
Division of International Conservation  
Wildlife Without Borders-Asian Elephant Conservation Fund  
Project Summary FY 2010

40 Grants Total FWS Funding \$1,972,156.00 Total Leveraged Funding \$2,028,752.00

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**Bangladesh:**

**ASE-0462:** *Action research for conservation of Asian elephant in Bangladesh: Phase IV.* In partnership with IUCN Bangladesh. This project will mitigate human-elephant conflict (HEC) and improve elephant habitat. Maps will be developed of elephant movement paths, corridors and HEC in Chittagong. These maps will be used to facilitate conservation and development decision making in selected elephant ranges. Additionally, the grantee will develop course materials to address elephant conservation and HEC, and raise awareness in communities.

FWS: \$50,000.00 Leveraged Funds: \$20,070.00

**Bhutan:**

**ASE-0481:** *Building local capacity for Asian elephant research through hands-on training: a workshop in Bhutan.* In partnership with Ugyen Wangchuck Institute for Conservation for Environment. This project will develop hands-on capacity for Bhutanese and other Asian participants to conduct non-invasive sampling techniques. Techniques addressed will include fecal DNA sampling and camera trapping, developing study design, project implementation and data analysis, making reliable inferences of results, and educational outreach. The project will also produce a handbook of practical protocols for conducting conservation research (including monitoring) of elephants and other wildlife in remote rugged landscapes.

FWS: \$24,310.00 Leveraged Funds: \$155,935.00

**Burma/Myanmar:**

**ASE-0458:** *Community-based conservation of Asian elephants in the Rakhine Yoma, Myanmar (Burma).* In partnership with Indo-Myanmar Conservation. The grantee will renegotiate an incentive agreement with Chin villagers that will tie development support to the termination of hunting and the villagers' participation in wildlife monitoring. The project will also support management and monitoring of the agreement to ensure compliance, capture lessons learned, and strengthen the basis of future agreements.

FWS: \$35,595.00 Leveraged Funds: \$10,290.00

**ASE-0476:** *Conservation of wild elephants and elephant habitat in Hukaung Valley, Burma: Year 4.* In partnership with Wildlife Conservation Society. This project will ensure long-term conservation of wild Asian elephants in Hukaung Valley by reducing prevailing and potential threats to the survival of these animals. This will be done through law enforcement and stakeholder involvement, enhanced monitoring of domestic

elephants, reduced capture and domestication of wild elephants, and increasing the capacity of staff involved in Elephant Patrol Units to conduct this work.

FWS: \$60,954.00      Leveraged Funds: \$53,729.00

### **Cambodia:**

**ASE-0466:** *Providing community-led solutions and increasing national capacity on human elephant conflict in Cambodia.* In partnership with Fauna and Flora International.

This project will reduce the risk of elephant attacks on villagers by training guarding groups and providing human-elephant conflict (HEC) mitigation tools. The national elephant team will develop technical skills on advanced HEC mitigation tools such as electric fences by visiting Sri Lanka and learning from colleagues there.

FWS: \$50,060.00      Leveraged Funds: \$76,072.00

**ASE-0474:** *Northern Plains of Cambodia elephant conservation project: Phase 2.* In partnership with Wildlife Conservation Society. The grantee will estimate the Asian elephant population size and distribution in the Northern Plains forests of Cambodia, improve local capacity to protect Asian elephants, and implement management activities across the Northern Plains.

FWS: \$54,109.00      Leveraged Funds: \$48,335.00

**ASE-0475:** *Elephant conservation and capacity-building in Seima biodiversity conservation area, Cambodia: Year 4.* In partnership with Wildlife Conservation Society. The grantee will conduct a second fecal DNA-based survey to update the assessment of size and structure of the Seima elephant population. The project will also seek to maintain increased levels of law enforcement and improve capacity to monitor human activity in and around elephant 'hotspots', adapting management strategies accordingly.

FWS: \$57,074.00      Leveraged Funds: \$60,938.00

**ASE-0514:** *Assessing impacts of hydropower, extractive industries and agribusiness on elephants and their habitats while strengthening government capacity on monitoring and direct protection.* In partnership with Fauna and Flora International. The grantee will conduct threat assessments at elephant ranging sites, strengthen direct protection at Phnom Samkos Wildlife Sanctuary, and improve inter-ministerial coordination and cooperation on elephant conservation.

FWS: \$51,816.00      Leveraged Funds: \$81,555.00

### **China:**

**ASE-0471:** *Sharing space with China's elephants.* In partnership with International Fund for Animal Welfare, Inc. This project will help local communities learn to live in harmony with Asian elephants, to ensure their future in China. The project will expand environmental education in local communities, expand community elephant monitoring networks to inform population studies, habitat conservation and human-elephant conflict mitigation strategies, and implement a community development fund for economic alternatives in order to reduce human-elephant conflict.

FWS: \$44,486.00      Leveraged Funds: \$72,584.00

**India:**

**ASE-0354:** *Building fundraising and grant management capacity for wildlife conservation in India.* In partnership with International Rhino Foundation. The grantee will conduct 3-day training workshops in fundraising and grant management for wildlife conservation professionals in West Bengal, India. The training agenda will focus on all aspects of fundraising, including strategy, research, cultivation, proposal writing, stewardship, reporting, and grant and financial management.

FWS: \$38,898.00      Leveraged Funds: \$12,000.00

**ASE-0401:** *Community co-management: Strengthening the protection of Chirrang Ripu Elephant reserve, Assam by adopting an inclusive approach of community participation in protection, capacity building, conservation education and extensionism.* In partnership with the School of Desert Sciences. This project will enhance protection of wild elephants and their habitats, provide veterinary care to domestic cattle in order to prevent transmission of pathogens to wildlife in adjacent protected areas, and provide uniforms and protective field gear to forest protection volunteers.

FWS: \$19,960.00      Leveraged Funds: \$50,100.00

**ASE-0445:** *Strengthen the protection measures by improving departmental elephant care for faster mobility of frontline forest staff in Manas National Park for the conservation of Asian elephants Phase-III.* In partnership with Wildlife Areas Development and Welfare Trust. This project will support the care of Forest Department elephants used for conservation tasks, protect wild Asian elephants and their habitat, and improve the security around Manas National Park.

FWS: \$22,440.00      Leveraged Funds: \$38,753.00

**ASE-0459:** *Capacity building and infrastructure development of wildlife genetic laboratory, Aaranyak for the incorporation of dung DNA analysis in identification of conflict elephants in the Golaghat District, Assam.* In partnership with Aaranyak. The grantee will collaborate with expert conservation geneticists in the expansion of a wildlife genetics laboratory, develop lab expertise in-country to conduct elephant dung DNA analysis for population estimates, and produce a genetic handbook of protocols and methodologies.

FWS: \$13,350.00      Leveraged Funds: \$1,500.00

**ASE-0464:** *Experimental induction of antipredator behavior in Asian elephants (*Elephas maximus*) as a method of mitigating crop raiding in southern India.* In partnership with University of California-Davis. The grantee will test various olfactory and acoustic cues used by elephants to assess nighttime threats, and attempt to determine whether crop-raiding incidents and resulting human-elephant conflict can be reduced as a result of threatening auditory playbacks to elephants in settled areas.

FWS: \$40,676.00      Leveraged Funds: \$28,880.00

**ASE-0477:** *Evaluating habitat use and population status of the Asian elephant in Garo Hills Elephant Reserve, Meghalaya, India.* In partnership with Wildlife Conservation Society. This project will standardize field and analytical methods to reliably identify individual elephants using fecal DNA techniques. The grantee will estimate elephant populations in Garo Hills Elephant Reserve, evaluate importance and functionality of existing corridors, and identify ecological and anthropogenic factors influencing elephant habitat use.

FWS: \$50,174.00      Leveraged Funds: \$57,407.00

**ASE-0483:** *Maintaining continuity of community protection for the Manas Biosphere Reserve and the Ripu Chirang Elephant Reserve.* In partnership with Nature's Foster. This project will provide financial support to 100 forest protectors, provide transportation for community patrolling, monitor wild elephant and wildlife movements, and build local capacity for community co-management of the Manas Biosphere Reserve.

FWS: \$49,467.00      Leveraged Funds: \$83,000.00

**ASE-0486:** *Save elephant by empowering community (SEEC)-an initiative in the eastern part of Chirang Ripu Elephant Reserve.* In partnership with Aaranyak. This project will strengthen protection of Asian elephants and their habitat through formation of protection squads, it will restore degraded habitats by involving local communities, and it will strengthen community interface in elephant conservation through diverse livelihood options and awareness. The result will be a reduction in human elephant conflict, and increased awareness of elephants among local communities.

FWS: \$55,500.00      Leveraged Funds: \$10,440.00

**ASE-0491:** *Emerging diseases in the single largest Asian elephant (*Elephas maximus indicus*) population, Nilgiri Biosphere Reserve, south India.* In partnership with Asian Elephant Support. The grantee will identify emerging diseases and their prevalence in Asian elephants and determine their impact for future long-term conservation, assessing stress levels in populations using new molecular techniques, and assessing morbidity and mortality in populations.

FWS: \$25,905.00      Leveraged Funds: \$45,065.00

**ASE-0495:** *Mitigation of human elephant conflict in affected areas of northern Karnataka, India.* In partnership with Wildlife Research and Conservation Society. This project will mitigate human-elephant conflict (HEC) by strengthening the capacity of the local community and the Forest Department in conflict mitigation techniques in HEC affected areas.

FWS: \$38,649.00      Leveraged Funds: \$31,160.00

**ASE-0506:** *Health care and management of elephants engaged in conservation activities in Protected Areas in Assam, India.* In partnership with Aaranyak. This project will improve husbandry and management of captive elephants working in protected areas by training field veterinarians on health care and management of Asian elephants, and providing veterinary expertise to the Forest Department in the management of protected areas.

FWS: \$37,620.00

Leveraged Funds: \$5,600.00

**ASE-0507:** *Strengthen the protection measures by involving fringe villagers in Manas National Park for conservation of Asian elephants, Phase-IV.* In partnership with the Wildlife Areas Development and Welfare Trust. This project will financially support 45 volunteers to enhance protection of Asian elephants and other wildlife and their habitats at Manas National Park in Assam, India.

FWS: \$51,370.00

Leveraged Funds: \$103,795.00

**ASE-0515:** *Targeted conservation outreach for Asian elephant in the Western Ghats, India.* In partnership with Wildlife Conservation Society. This project will extend conservation outreach to decision makers to have a positive impact on conservation policies and their implementation. Key activities will include workshops and field visits aimed at providing conservation exposure to target groups to effect pro-elephant conservation policies and development plans, and to minimize negative impacts on wild elephants and their habitats.

FWS: \$44,221.00

Leveraged Funds: \$44,262.00

#### **Indonesia:**

**ASE-0465:** *Towards a peaceful coexistence between men and elephants in Bukit Tigapuluh, Indonesia.* In partnership with Frankfurt Zoological Society. The grantee will gather comprehensive data to assess the current level of human-elephant conflict (HEC) in the area, analyze the context in which conflicts occur and investigate the underlying causes for HEC. They will then establish a monitoring system that provides continuously updated information for police and the forest department in order to enhance the investigation of illegal activities such as elephant killing, develop site specific strategies to mitigate HEC, and build local capacity to monitor HEC.

FWS: \$37,125.00

Leveraged Funds: \$55,792.00

**ASE-0470:** *Sumatran elephant Conservation Response Units in Bengkulu province.* In partnership with International Elephant Foundation. This project will maintain and improve the operation of the Conservation Response Unit (CRU) in Seblat, Bengkulu province, to continue to assist government and surrounding villages in protecting forest areas. The project will support CRU training during the 2010 Indonesian Mahout Workshop.

FWS: \$48,600.00

Leveraged Funds: \$57,850.00

**ASE-0487:** *Management Information System (MIST) training for anti-poaching units in Bukit Barisan Selatan National Park, Sumatra, Indonesia.* In partnership with International Rhino Foundation. This project will enhance the capacity of Rhino Protection Unit and Intelligence and Law Enforcement Unit staff, who will be trained in Management Information System (MIST) protocols for reporting and use of information collected from the field, assisting with management and field-based protection/patrolling decisions.

FWS: \$27,945.00

Leveraged Funds: \$13,440.00

**ASE-0503:** *Sumatran elephants and mahouts working for conservation Elephant Conservation Response Unit Way Kambas/Lampung/Sumatra.* In partnership with Veterinary Society for Sumatran Wildlife Conservation. The grantee will utilize captive elephants (Conservation Response Units, CRU), mahouts and forest rangers to help protect Way Kambas National Park and wild elephants. This project will reduce human elephant conflict (HEC), build the capacity of CRU staff in activities such as patrolling, navigation (maps, GPS, compass), HEC mitigation tools, legal information, record keeping and monitoring, and fund construction of a CRU base camp at the park boundary.

**FWS: \$58,365.00      Leveraged Funds: \$60,706.00**

**Laos:**

**ASE-0442:** *Lao elephant community awareness programme (Phase II).* In partnership with Association Elefantasia. This project will establish an “Elephant Mobile Library” bringing school books and other educational materials to school children, it will widen the participation of other conservation groups in the Lao Elephant Festival, and will support improvements to the elephant museum and resource center.

**FWS: \$49,143.00      Leveraged Funds: \$43,180.00**

**ASE-0443:** *Building public support for Asian elephant conservation in Lao PDR with the “Friends of Wildlife” radio program--III.* In partnership with Wildlife Conservation Society. This project will raise public awareness and knowledge of the status of Asian elephants by broadcasting effective and popular radio programs that discuss the threats to Asian elephants, tigers and gibbons. The grantee will increase the listening audience for these programs by collaborating with a Lao communication company to develop a campaign that draws mobile telephone users into the listening audience.

**FWS: \$43,941.00      Leveraged Funds: \$46,154.00**

**ASE-0452:** *Assessing the status of the elephant population and reducing human-elephant conflict in Nam Kading National Protected Area, Lao PDR..* In partnership with Wildlife Conservation Society. The grantee will investigate the genetic similarity between the Nakai Plateau and Nam Kading elephant populations and see if there is gene flow between the two populations, establish baseline estimates of size, age and sex structure of Nam Kading elephant population against which the successes of conservation interventions for elephants can be measured. The grantee will also assess levels of human elephant conflict, and seek to reduce them.

**FWS: \$59,897.00      Leveraged Funds: \$54,873.00**

**ASE-0488:** *Elephant monitoring-improved patrolling and enforcement for elephant conservation in Nam Pouy NPA of Lao PDR..* In partnership with World Wide Fund for Nature Greater Mekong. This project will develop a system for patrolling and response to illegal activities in Nam Pouy NPA, improve capacity of law enforcement personnel, NPA staff and local villagers, assess and adapt the patrolling system in Nam Pouy NPA, and provide training in Monitoring Information Systems (MIST).

FWS: \$50,000.00      Leveraged Funds: \$48,000.00

**Malaysia:**

**ASE-0496:** *WCS/GoM Peninsular Malaysia elephant project: Year 5, assessment and reduction of human-elephant conflict (HEC) and capacity building in Endau-Rompin.* In partnership with Wildlife Conservation Society. Funding will support continued expansion of a human elephant conflict (HEC) mitigation program, monitoring and assessment of HEC rates for effectiveness. The grantee will test site-based effectiveness of HEC mitigation using a systematic scientific approach, and will continue to build the capacity of GoM, park staff and WCS staff on HEC survey, mitigation and management methods, data analysis and reporting skills.

FWS: \$66,944.00      Leveraged Funds: \$44,337.00

**Nepal:**

**ASE-0482:** *Implementation of the Nepal elephant TB control plan as a model for Asian elephant range countries.* In partnership with Elephant Care International. Funding will support continued implementation of the Nepal Elephant Tuberculosis (TB) Control and Management Plan. The grantee will identify funding sustainability for the Plan, share the Plan with other range countries, train a TB Plan director and veterinary technician, and expand elephant TB research initiatives.

FWS: \$43,123.00      Leveraged Funds: \$24,038.00

**Sri Lanka:**

**ASE-0478:** *Assessing the impact of development and management activities on human-elephant conflict and elephant conservation in Sri Lanka..* In partnership with Centre for Conservation and Research. This project will provide information necessary to conserve elephants and mitigate human elephant conflict through assessment of the impact of land development and management activities on elephants. Feedback from the project will be used to guide land development and produce successful management and conservation strategies for elephants.

FWS: \$54,956.00      Leveraged Funds: \$20,300.00

**Thailand:**

**ASE-0409:** *Catalyzing participatory management of wild elephants across the Central Tenassarim Range (Thailand).* In partnership with World Wide Fund for Nature, Thailand. This project will reduce human-elephant conflict around Kuiburi National Park by undertaking habitat improvement at strategic locations, and by increasing the capacity of the park and local residents to respond to and mitigate elephant incursions around the eastern/central boundary of the park.

FWS: \$43,721.00      Leveraged Funds: \$27,560.00

**ASE-0454:** *Developing the Salakpra Elephant Ecosystem Conservation Alliance(SEECA) to facilitate collaborative protection of Salakpra’s elephants and their habitat by local communities* . In partnership with Zoological Society of London. This project will strengthen the conservation of elephants and their habitat in the Salakpra Wildlife Sanctuary by facilitating the involvement of local communities in protected area management, protection, sustainable forest use and restoration.

FWS: \$65,970.00      Leveraged Funds: \$93,021.00

**ASE-0497:** *Law enforcement, law enforcement monitoring, and human-elephant conflict mitigation in Kaeng Krachan National Park, Thailand, year 6.* In partnership with Wildlife Conservation Society. The grantee will conduct law enforcement (LE) training and monitoring, monitor effectiveness of patrolling systems, train other Protected Area staff on systematic LE patrolling methods using Monitoring Information Systems (MIST), promote standardized human elephant conflict (HEC) mitigation methods, and distribute land use assessment results to local government.

FWS: \$61,165.00      Leveraged Funds: \$48,497.00

**ASE-0499:** *Elephant protection and distribution monitoring in the Western Forest Complex, Thailand.* In partnership with Wildlife Conservation Society. Funding will support continued capacity building for patrol teams, occupancy surveys of elephants, and undergraduate training in the field on occupancy surveys and data analysis.

FWS: \$62,795.00      Leveraged Funds: \$60,510.00

**ASE-0501:** *Launching a series of locally created Thai-English storybooks for 7-10 year old students to help turn human-elephant conflict into human-elephant coexistence.* In partnership with Zoological Society of London. The grantee will produce two volumes of themed storybooks, focused on wild elephants and their conservation, written and illustrated by local students aged 7-18 through a process of class instruction, family engagement and public competition.

FWS: \$40,702.00      Leveraged Funds: \$56,144.00

**ASE-0512:** *Growing the future for people and wildlife—sustainable livelihoods for ex-poachers in SE Asia.* In partnership with FREELAND Foundation. This project will expand and showcase the alternative livelihoods program for ex-poachers to reduce wildlife poaching in the forest complex in north-eastern central Thailand, creating a model for application around other protected areas.

FWS: \$27,205.00      Leveraged Funds: \$17,182.00

### **Southeast Asia:**

**ASE-0457:** *Direct cross-regional support for elephant range states to help them meet their obligations under the CITES Monitoring the Illegal Killing of Elephants (MIKE) projects: carcass detection, law enforcement, population monitoring, and capacity building.* In partnership with Wildlife Conservation Society. This project will identify law enforcement (LE) and law enforcement monitoring (LEM) training needs in southeast Asian range states, provide training at MIKE sites as necessary, facilitate and

support regular LE and LEM activities at MIKE sites, and facilitate regular elephant population monitoring at MIKE sites in southeast Asia using standard survey methods. The grantee will also conduct a pilot study of the effectiveness of detection dogs to locate elephant feces and carcasses, snares, poachers' camps, and other signs of illegal activity in forests in Asia and Africa, and conduct and facilitate training of Asian range state government agency staff in elephant population survey methods and data analysis and reporting skills.

FWS: \$153,925.00    Leveraged Funds: \$135,698.00

**Range-wide:**

**AFR-0074:** *Envirovet Summer Institutes 2010*. In partnership with University of Illinois. This project will train 13 current African and Asian veterinarians in all aspects of wildlife and ecosystem health as part of a larger program that brings together veterinary colleagues from around the world. This training will take place at field sites in Tanzania and the U.S.

FWS (AsECF): \$60,000.00\*    Leveraged Funds: \$30,000.00

\*Note: This project was funded for the full amount of \$160,000 (\$363,115.50 leveraged) in conjunction with the Wildlife Without Borders-Africa Program, and is counted in that program's project list for fiscal year 2010.