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

In 2010, the USFWS awarded 54 new grants from the Rhino Tiger Conservation Fund totaling \$2,896,950.49 which was matched by \$4,822,109.40 in leveraged funds. Field projects in twelve Asian countries and five African countries will be supported.

African Projects

In 2010, the USFWS awarded 15 new grants for field projects in five African countries plus one grant involving all African rhino range states, totaling \$819,415.00 in USFWS funding, which was matched by \$2,439,620.00 in leveraged funds.

Kenya

RT-1046: Enhancing black rhino security in the Chyulu Hills, Kenya, whilst improving methods to deter poaching. In partnership with Save the Rhino International. This project supports rhino conservation activities in the Chyulu Hills National Park and in neighboring Mbirikani Group Ranch. Specific activities include supporting community game scouts and an enforcement officer, conducting aerial surveillance and maintaining a team of bloodhounds, identifying individual rhinos if possible, mapping rhino activities and potential threats in order to efficiently deploy security.

FWS: \$91,009.00 Leveraged funds: \$163,130.00

RT-1051: Ear-notching clean black rhinos in Lewa, Ol Pejeta, and Mugie Conservancies, Kenya. In partnership with Lewa Wildlife Conservancy. Funding will support the immobilization and veterinary expenses required in order to tranquilize, mark, and re-release 35 adult and juvenile black rhinos with unique ear notches, which are then used for individual identification by rhino monitors, to ensure that each rhino is resighted every few days.

FWS: \$24,072.00 Leveraged funds: \$375,040.00

RT-1079: Creating a capture and translocation facility for rhino conservancies in Laikipia District, Kenya. In partnership with Save the Rhino International. This grant will support the development of a centrally located rhino capture facility (including the necessary crates, capture truck, and crane) in Laikipia, Kenya to be used for emergency rhino interventions in central and northern Kenya.

FWS: \$36,058.00 Leveraged funds: \$132,625.00

Namibia

RT-1021: The anti-poaching and monitoring work of Save the Rhino Trust's Camel Patrol Team in the Kunene Region of Namibia. In partnership with Save the Rhino International. This proposal will support ongoing activities of Save the Rhino Trust's camel patrol team, to provide security and regular monitoring of the northernmost desert black rhinos and other wildlife in the rugged terrain of Kunene region, Namibia. Activities will include 15-30 long patrols, monitoring and behavioral observations of individual rhinos, and reporting of human and livestock activity that could adversely affect rhino habitat or security.

FWS: \$39,435.00 Leveraged funds: \$40,697.00

RT-1040: Reviewing and refocusing Save the Rhino Trust's monitoring methodologies and stakeholder relationships in order to maximize black rhino population growth in Namibia. In partnership with Save the Rhino International. This grant will provide support training and oversight of rhino monitors working in community conservancies and tourism areas in Kunene region, Namibia. Activities are targeted at detecting poaching threats, preventing disturbance by tourists and local residents, providing feedback to community conservancy members and tour operators about the impact of activities on rhinos, assessing monitoring effectiveness on communal lands, and advising on best practices for tourism.

FWS: \$35,855.00 Leveraged funds: \$70,128.00

RT-1080: The provision of electronic and specialized equipment to assist Namibia in securing key black and white rhino populations against the onslaught of rhino poaching. In partnership with Namibia Nature Foundation. This grant will allow Namibia's Ministry of Environment and Tourism to implant tracking devices (tags) on at least 100 rhinos, and install GPS/VHF transmitters in the horns of at least 19 rhinos in Waterberg Plateau Park, Etosha National Park, and Kunene region in order to improve monitoring for security purposes.

FWS: \$83,685.00 Leveraged funds: \$401,768.00

RT-1082: The building of a specialized rapid response vehicle for the capture and retrieval of rhino. In partnership with Namibia Nature Foundation. These funds will assist Namibia's Ministry of Environment and Tourism to purchase and customize a 4x4 vehicle essential for veterinary and capture operations to replace their aging and increasingly unreliable rhino capture vehicle.

FWS: \$80,320.00 Leveraged funds: \$23,530.00

Tanzania

RT-1039: *Translocation of eastern black rhinos from South Africa to Northern Tanzania.* In partnership with National Fish and Wildlife Foundation and the Frankfurt Zoological Society. This project will return 32 eastern black rhinos from South Africa (where they were introduced in the 1960's) to East Africa. Funds will be used to charter

six flights aboard a commercial cargo aircraft in order to transport the crated rhinos from a private reserve in South Africa to Serengeti National Park in Tanzania.

FWS: \$100,000.00 Leveraged funds: \$565,000.00

Zambia

RT-1038: Operational vehicles for the rhino conservation area of North Luangwa National Park, Zambia. In partnership with Frankfurt Zoological Society. Funding will be used to support the ongoing security and monitoring of the re-introduced black rhino population in North Luangwa, Zambia. Specific activity will include the purchase and maintenance of a dedicated vehicle for the rhino security teams, ongoing anti-poaching activities, and monitoring of the rhinos.

FWS: \$67,336.00 Leveraged funds: \$114,410.00

Zimbabwe

RT-1014: Rhino management operations 2010, to identify individual unmarked black and white rhino in six key rhino areas in five Zimbabwean national parks. In partnership with Save the Rhino International. This project will support rhino monitoring, tracking, and immobilization of as many as 70 rhinos (to insert rhino horn transmitters or conduct dehorning, where necessary) in six key black and white rhino areas in five national parks in Zimbabwe: Chivero, Kyle and Nyamaneche, Matobo, Hwange Main Camp and Hwange Sinamatella. The project will be conducted by an independent, nongovernmental organization, working in collaboration with the national parks authority. FWS: \$45,590.00 Leveraged funds: \$83,218.00

RT-1067: *Improving rhino crime investigation and prosecution in Zimbabwe.* In partnership with International Rhino Foundation. This project will convene 25 government employees at a workshop taught by rhino field practitioners and lawyers familiar with wildlife policy in order to improve awareness about the plight of the rhino, the severity of poaching, and the resources available to improve the success of prosecutions for wildlife crimes.

FWS: \$25,099.00 Leveraged funds: \$3,760.00

RT-1078: *Field patrol vehicles for Lowveld Rhino Trust, Zimbabwe.* In partnership with International Rhino Foundation. Funding will support the purchase and maintenance of four rugged vehicles for use in rhino monitoring and security patrolling for Zimbabwe's black and white rhinoceroses.

FWS: \$94,000.00 Leveraged funds: \$312,800.00

Multiple Range States

RT-1047: Consolidating and resourcing environmental education programs in important rhino areas of Kenya, Tanzania and Zambia. In partnership with Save the Rhino International. Environmental education programs in and adjacent to black rhino habitat in three countries will be assisted and supported to improve their existing

programs, to develop new educational materials, and to evaluate and monitor the effects of their outreach programs.

FWS: \$53,505.00 Leveraged funds: \$54,427.00

RT-1083: Holding the 10th strategic planning and capacity building meeting of the IUCN SSC African Rhino Specialist Group: Southern Africa, March 2011. In partnership with International Union for the Conservation of Nature/African Rhino Specialist Group. This meeting will bring together 35 of the most accomplished field practitioners working on rhino conservation management and research, wildlife trade and community program disciplines, and government representatives from all nine countries where African rhinos currently occur in the wild, in order to share information and expertise and prioritize conservation actions for the next two years.

FWS: \$20,000.00 Leveraged funds: \$79,512.00

RT-1084: Linking Africa's most threatened rhino areas: connecting rhino guardians working in private and community areas of Kenya, Zimbabwe and Namibia. In partnership with Save the Rhino International. This grant will provide support and learning opportunities for field staff working in some of the toughest rhino conservation conditions in Africa by facilitating reciprocal site visits between three rhino environments with similar threats, allowing them to identify strengths and weaknesses of their own and other programs, and establishing relationships between junior and senior staff across sites in Kenya (Chyulu Hills and Laikipia District), Namibia (Kunene conservancies) and Zimbabwe (Lowveld conservancies).

FWS: \$23,451.00 Leveraged funds: \$19,575.00

Asian Projects

In 2010, the USFWS awarded 39 new grants for field projects in twelve Asian countries totaling \$2,077,535.49 in USFWS funding, which was matched by \$2,382,439.40 in leveraged funds.

Bangladesh

RT-0980: Developing a conservation education and community outreach strategy for tiger conservation in Bangladesh. In partnership with Wildlife Trust of Bangladesh. This project will develop an integrated tiger conservation education and outreach strategy in support of the Bangladesh Tiger Action Plan (BTAP) and improve the national capacity to develop conservation education and outreach strategies and associated campaigns.

FWS: \$15,665.00 Leveraged Funds: \$12,301.00

Bhutan

RT-0933: *Tiger ecological surveys in Thrumsing La National Park, Bhutan.* In partnership with World Wildlife Fund, Inc. This project will determine the current status of tiger and prey populations in the national park, one of six priority tiger habitats of Bhutan, and identify critical tiger and prey habitat areas in the park for appropriate management interventions.

FWS: \$50,000.00 Leveraged Funds: \$14,841.00

Burma

RT-1036: Reinforcing patrolling and law enforcement systems in Hukaung Valley Wildlife Sanctuary and the proposed extension area to protect tigers, Burma. In partnership with Wildlife Conservation Society. The grantee will conduct anti-poaching patrols and monitoring in the valley's occupied tiger habitats in cooperation with local communities, local authorities and plantation companies.

FWS: \$59,077.00 Leveraged funds: \$60,037.00

Cambodia

RT-1075: Cambodia National Tiger Action Plan. In partnership with Cambodia's Department of Wildlife and Biodiversity. This project will develop a 10 year plan to restore and conserve at least one tiger source site large enough to hold at least 25 breeding female tigers within a well defined Tiger Conservation Landscape.

FWS: \$42,050.00 Leveraged funds: \$68,980.00

RT-1018: Conservation of tigers, their prey and habitat in Lomphat Wildlife Sanctuary, Phase 2, Cambodia. In partnership with BirdLife International in Indochina. This grant will support six ranger teams that actively carry out law enforcement patrols in the wildlife sanctuary. Although tiger density is extremely low in this sanctuary, its management is important to maintaining the potential for a repopulation of northeast Cambodia by the tiger.

FWS: \$49,993.00 Leveraged funds: \$23,446.00

RT-1077: Lomphat Wildlife Sanctuary integrated conservation support project, Phase Three, Cambodia. In partnership with People, Resources and Conservation Foundation. This project will appraise the status of the tiger in the sanctuary landscape; conduct law enforcement operations in habitat adjacent to the sanctuary that are found to be important to tiger conservation; and propose a plan for long-term protection of tigers in the northern Eastern Plains.

FWS: \$54,494.00 Leveraged funds: \$9,800.00

China

RT-1000: *Snare removal and ungulate surveys in Hunchun Nature Reserve, China.* In partnership with Wildlife Conservation Society. This project will assist with ungulate management activities vital to recovery of the tiger in the reserve by monitoring ungulate populations through surveys and by removing snares in the reserve. This is part of an ongoing, successful snare removal program which is being accompanied by an increase in the number of tiger sightings.

FWS: \$65,961.00 Leveraged Funds: \$58,259.00

RT-1058: Hands across the border: Closing down illegal wildlife trade across the Russia-China border. In partnership with TRAFFIC International. This grant will convene a law enforcement workshop of Russian and Chinese officials to refine a Transboundary Action Plan on Illegal Wildlife Trade and identify priority joint enforcement activities.

FWS: \$56,555.00 Leveraged funds: \$14,191.00

India

RT-0676: Conservation of Rhino and Tiger in Orang National Park, Assam, India. In partnership with Wildlife Areas Development and Welfare Trust. This grant will provide anti-poaching camps in remote, vulnerable portions of the park, so forest officers can remain in these areas on an extended basis. The project will also raise awareness of local people on the need to conserve the park and its wildlife through an outreach program. FWS: \$35,346.00 Leveraged Funds: \$120,721.00

RT-0917: Capacity building for frontline forest staff in selected tiger bearing areas of *India*. In partnership with Wildlife Trust of India. This grant will provide kits needed for anti-poaching patrolling, and will provide training in topics relevant to curbing wildlife

crime for the frontline forest staff (an estimated 864 staff members) serving in Tadoba Tiger Reserve, Nagzira Wildlife Sanctuary, and Dudhwa Tiger Reserve.

FWS: \$43,462.00 Leveraged Funds: \$15,022.00

RT-0926: Local capacity building for conservation volunteers working with the Bodoland Territorial Council for protection of forests, India. In partnership with Aaranyak. This project will provide training to grassroots level non-government organizations so that they can bring conservation related benefits to local communities and thereby strengthen local support for tiger, rhino and elephant conservation.

FWS: \$49,400.00 Leveraged Funds: \$9,890.00

RT-0950: *Meta-population dynamics of tiger populations in the Malenad-Mysore Landscape of Karnataka – Year 2: Dandeli-Anshi, Sharavathi-Mookambika and Kudremukh reserves, India.* In partnership with Wildlife Conservation Society. This grantee will carry out rigorous tiger and prey monitoring and threat assessments in the landscape for use in management, and will carry out effective outreach activities to create a constituency that actively favors conservation of tigers and other wildlife.

FWS: \$51,626.00 Leveraged Funds: \$52,277.00

RT-0991: Modeling the population distribution and abundance of tigers and their prey in the Terai Central Landscape, India. In partnership with Colorado State University. This project will document the current status of tigers and their prey and delineate their distribution in a poorly studied region of their range; identify those elements of the habitat that need to be managed/restored to support tiger prey (including corridors); and provide insights into candidate areas for protective status.

FWS: \$42,478.00 Leveraged Funds: \$24,604.00

RT-1027: *Training of tiger range state's officials in wildlife management, India.* In partnership with the Global Tiger Forum. This project will develop a cadre of trained wildlife managers and field personnel across the tiger range states by selecting Forest Department staff from tiger range countries (other than India), arranging their travel and administrative details, and supporting their participation in either the three month or nine month wildlife management training programs at the Wildlife Institute of India.

FWS: \$48,000.00 Leveraged Funds: \$53,000.00

RT-1073: Strengthen protection measures in Manas National Park as a part of the program 'Indian Rhino Vision 2020' to expand the numbers and range of wild rhinos in Assam, India, Phase – IV. In partnership with Wildlife Areas Development and Welfare Trust. This project will strengthen the security of the park by allowing deployment of 45 'home guards' so that Indian rhinos may be safely translocated to and maintained in the park.

FWS: \$60,500.00 Leveraged funds: \$57,300.00

Indonesia

RT-0928: Protection of Sumatran tiger in Kerinci Seblat National Park, Indonesia. In partnership with Fauna and Flora International. This grant will continue operation of anti-poaching patrols in key tiger habitats and provide patrol training and wildlife crimes investigation training to national park rangers and selected provincial nature protection rangers (KSDA).

FWS: \$51,308.00 Leveraged Funds: \$207,779.00

RT-0999: *Mobile village tiger patrols IV: An integrated approach to tiger protection, Indonesia.* In partnership with Wildlife Conservation Society. This project will conduct human-wildlife conflict patrols, wildlife crimes investigations, and tiger conservation educational events in Bukit Barisan National Park and the Bukit Balai Renjang Landscape.

FWS: \$58,874.00 Leveraged Funds: \$49,961.00

RT-1002: Accountable Conservation: Monitoring Sumatran tiger and prey population status in Bukit Barisan Selatan and Bukit Balai Rejang, Indonesia. In partnership with Wildlife Conservation Society. This project will establish and implement a rigorous monitoring system to be used for evaluating conservation interventions. The grantee will conduct landscape wide surveys of tigers and their prey; identify and evaluate the factors that contribute to the pattern of Sumatran tiger and prey distribution; and develop an adaptive management framework for the landscape through an intensive consultative process.

FWS: \$59,898.00 Leveraged Funds: \$36,330.00

RT-1029: Protection of Sumatran rhinos by anti-poaching units in Way Kambas National Park, Sumatra, Indonesia. In partnership with International Rhino Foundation. This grant will continue anti-poaching patrols for protection of Sumatran rhinos by operating five patrol units which will apprehend suspected poachers, monitor the rhino population, provide security to the park's managed breeding center, assist national park authorities to implement educational and other programs aimed at reducing park encroachment, and conduct training for other protection units as requested.

FWS: \$75,515.49 Leveraged Funds: \$88,393.00

RT-1030: *Rhino Protection Units in Ujung Kulon National Park, Java, Indonesia.* In partnership with International Rhino Foundation. This grant will continue operation of four Javan rhino protection units. The units will locate and remove all rhino traps, apprehend all suspected poachers for prosecution, monitor rhinos and other large mammals, and continue participation in planning the expansion of Javan rhino range in the national park.

FWS: \$69,999.00 Leveraged Funds: \$57,644.00

RT-1031: Assessment of critical rhinoceros habitats in Area 1 of the Leuser Ecosystems for effective conservation through community based adaptive management plans, Indonesia. In partnership with Leuser International Foundation. This project will survey

the remaining Sumatran rhino habitats in the Leuser Ecosystem of northern Sumatra, assess and quantify the threats to the rhinos' habitats, identify core areas for strict protection, set up a monitoring protocol, and utilize the results of the project in adaptive management planning.

FWS: \$60,920.00 Leveraged Funds: \$42,400.00

RT-1033: Managing critically endangered tigers and their forest habitat throughout the West Sumatra Tiger Corridor, Indonesia. In partnership with Fauna and Flora International. This project will assess the conservation status of tigers and their forest habitat within the tiger corridor; build capacity of local management agencies to conserve tigers; and ensure that project information is incorporated into regional spatial and protected area management planning processes.

FWS: \$51,227.00 Leveraged funds: \$10,017.00

RT-1081: Assessment of the Sumatran rhinoceros population of Area 2 of Gunung Leuser National Park, Indonesia. In partnership with Leuser International Foundation. This project will assess the Sumatran rhino population, quantify the human-induced pressures upon the rhinos and suggest appropriate protection and management practices.

FWS: \$67,106.00 Leveraged funds: \$25,680.00

Lao PDR

RT-0985: Institutionalizing wildlife protection training systems for the long-term conservation of tiger and prey populations in Lao PDR. In partnership with Wildlife Conservation Society. This grant will ensure the long-term protection of wild tiger populations in two protected areas in Lao PDR by funding development of a standardized training curricula for tiger protection and training national trainers to implement that training.

FWS: 49,982.00 Leveraged Funds: \$50,098.00

RT-0995: A pride campaign for tiger conservation at Nam Et-Phou Louey National Protected Area, Lao PDR. In partnership with Rare. This project will reduce hunting of tigers and their prey for commercial consumption in the national protected area and build support for tiger conservation among surrounding communities by carrying out a social marketing campaign targeting 50 communities living around the reserve.

FWS: \$50,000.00 Leveraged Funds: \$146,443.00

RT-1057: Conservation of tiger and prey populations by improved monitoring to assess the success of management interventions in the Nam Et-Phou Louey National Protected Area, Lao PDR. In partnership with Wildlife Conservation Society. This project will update the density estimate for the tiger population in the core zone of the national protected area, assess progress made through management interventions, improve management interventions to effectively reduce emerging threats to tigers, and strengthen capacity of government and national Wildlife Conservation Society staff in tiger and prey survey and monitoring techniques.

FWS: \$58,071.00 Leveraged funds: \$55,322.00

RT-1072: *My Tiger—My Community, Lao PDR.* In partnership with PCI Media Impact. This grant will develop the capacity of organizations in Lao PDR to better use radio broadcast communications to effectively enhance community protection activities and motivate long-term social change in favor of Indochinese tigers, particularly in the vicinity of Nam Et Phou Louey National Protected Area, the country's priority tiger habitat.

FWS: \$56,000.00 Leveraged funds: \$63,256.40

Malaysia

RT-0921: *Improved effectiveness of Rhino Protection Units (RPU) in Tabin Wildlife Reserve, Sabah, Malaysia.* In partnership with International Rhino Foundation. This grant will continue protection for the Sumatran rhino living within Tabin by recruiting and stationing on-site an operations manager and by recruiting, training and operating a third rhino protection unit.

FWS: \$55,660.00 Leveraged Funds: \$162,110.00

RT-1015: *Mitigating the impacts of roads on tigers and their prey in Peninsular Malaysia.* In partnership with James Cook University. This project will determine (a) the deforestation risk for key tiger habitats along roads; (b) how the occurrence and poaching encounter rates for tigers and their prey varies along roads with different amounts of protection; and (c) if 'eco-viaducts' facilitate tiger and prey movement across roads bisecting important tiger habitats.

FWS: \$49,750.00 Leveraged funds: \$131,388.00

RT-1037: Conservation of the tigers of the Endau-Rompin landscape through improved law enforcement, Malaysia. In partnership with Wildlife Conservation Society. This grant will expand the coverage of law enforcement efforts intended to protect tigers, their prey and their habitat in the Kota Tinggi region of the landscape, and will provide information on land use and wildlife activity needed to support conservation policy decisions.

FWS: \$54,238.00 Leveraged funds: \$54,998.00

Nepal

RT-0946: Coupled human and natural system approach to tiger conservation in Chitwan National Park, Nepal and beyond. In partnership with Michigan State University. This project will analyze the interrelationships between tigers and humans in the vicinity of the national park, in order to better understand the potential for their long-term coexistence and sustainability.

FWS: \$42,859.00 Leveraged Funds: \$32,536.00

RT-1012: Effect of Mikania micrantha on the demography, habitat use and nutrition of the greater one-horned rhinoceros in Chitwan National Park, Nepal. In partnership with The National Trust for Nature Conservation. This project will generate scientific

information on the impact of this invasive species on the rhino, and will initiate the effort to develop an effective long-term strategy for its control.

FWS: \$24,000.00 Leveraged Funds: \$269,275.00

RT-1060: *Strengthening security in a core area of Bardia National Park, Nepal.* In partnership with Zoological Society of London. This project will establish two strategically located and permanently manned guard posts to allow patrols to effectively address poaching in the national park's Babai valley. This is one of Nepal's priority habitats for the greater one-horned rhinoceros.

FWS: \$70,063.00 Leveraged funds: \$19,550.00

Thailand

RT-1068: *Tiger protection and distribution monitoring in the Western Forest Complex (WEFCOM), Thailand.* In partnership with Wildlife Conservation Society. This project will provide technical support, refresher training, equipment, patrol rations, and other morale boosting activities to raise the quality of anti-poaching patrolling carried out at WEFCOM's Thung Yai West Wildlife Sanctuary.

FWS: \$51,921.00 Leveraged funds: \$48,357.00

RT-1059: Linking national efforts against illegal wildlife trade to a key tiger landscape on Thailand's northwestern border. In partnership with TRAFFIC International. This project will increase coordination between government organizations capable of addressing the illegal tiger trade in western Thailand through presentation of a training program on biodiversity conservation which covers the need to prevent illegal trade in wildlife products, relevant laws and the importance of cooperation among local government agencies to address this trade.

FWS: \$59,967.00 Leveraged funds: \$48,171.00

Russia

RT-0937: Long-term research and conservation of the Siberian tiger, Russia. In partnership with Wildlife Conservation Society. This grant will continue long-term research on tigers, their prey and their habitat; develop the tiger related research capacity of select Russian and international students; and continue work with Inspection Tiger on conflict situations and training related to management of problem tigers.

FWS: \$50,000.00 Leveraged Funds: \$44,737.00

RT-0938: The Sikhote-Alin Research Center: Training and capacity building for Amur tiger conservation, Russia. In partnership with Wildlife Conservation Society. This project will prepare infrastructure needed to train young Russian and international scientists in tiger related research and to continue that training program.

FWS: \$60,696.00 Leveraged Funds: \$46,445.00

RT-0984: It's not my Tiger! Strengthening Russian legislation to enable successful prosecution and reduce poaching of tigers and their prey in the Russian Far East. In

partnership with TRAFFIC International. This project will provide information needed to strengthen Russian legislation and procedures relevant to prosecuting tiger related wildlife crimes, by analyzing relevant legislation and procedures and sharing recommendations on how these might be strengthened.

FWS: \$40,741.00 Leveraged Funds: \$13,200.00

RT-1071: Conserving tigers in Russian Far East protected areas. In partnership with Wildlife Conservation Society. This grant will address implementation of the MIST patrol database system, tiger-human conflict mitigation, tiger disease control, orphaned tiger cub rehabilitation, and will improve estimates of tiger prey requirements needed for outreach to hunters.

FWS: \$84,133.00 Leveraged funds: \$83,730.00