

**Rhino Tiger Conservation Fund  
Summary of Projects  
FY 2009**

**52 Projects      Total FWS Funding: \$2,420,604\*      Total Leveraged Funds: \$4,457,871**

**Asian Projects**

In 2009, the USFWS awarded 35 new grants in 10 Asian countries totaling \$1,657,794 in USFWS funding which was matched by \$2,086,448 in leveraged funds.

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**Cambodia**

**RT-0941** *Lomphat Wildlife Sanctuary integrated conservation support project, Phase 2, Cambodia.* In partnership with People Resources and Conservation Foundation. To improve the capacity of protected area management staff and local communities to engage in tiger conservation and community-based collaborative management.

FWS: \$59,810; Leveraged Funds: \$22,880.

**China**

**RT-0906** *MIST and community based conservation in Hunchun Nature Reserve, China.* In partnership with the Wildlife Conservation Society. To implement a science-based program for effective management of anti-poaching patrols, encourage development of a community based conservation strategy, and increase conservation awareness of the local community.

FWS: \$50,787; Leveraged Funds: \$51,808.

**RT-0944** *Creating conservation constituencies, building local capacity and removing barriers to behavior change to support tiger conservation, Hunchun Nature Reserve, China.* In partnership with Rare. To reduce human-tiger conflict in and around Hunchun Nature Reserve by addressing threats to their survival through a Pride campaign.

FWS: \$50,000; Leveraged Funds: \$131,879.

**RT-1005** *Joint efforts to preserve the wild Indo-Chinese tigers in border areas by conducting cooperative field surveys on tigers and their prey base, China/Lao PDR.* In partnership with Conservation International. To survey and monitor tigers, assess habitats and prey base, reduce poaching, recover marginal agriculture land for habitat connectivity, and assess the distribution of tiger/prey signs and human-wildlife conflicts.

FWS: \$56,995; Leveraged Funds: \$79,469.

**RT-1010** *A study tour in Thailand for decision makers and staff of Xishingbanna (China) and Nam Ha (Laos) reserves to become familiar with the MIST patrolling system.* In partnership with the University of Minnesota. To provide participants with a clear understanding of the technical aspects of MIST, training and logistics requirements, and the process of incorporating junior staff into analyzing and planning patrolling activities.

USFWS: \$12,445; Leveraged Funds: \$1,002.

## **India**

**RT-0825** *Saving India's Tigers: Building national public and political support to protect India's tigers and their habitat.* In partnership with WildAid. To produce and display in airports new public service announcements on the need to stop the poaching of tigers and other wildlife, present a television campaign across India, and evaluate impacts its on attitude change.  
FWS: \$50,056; Leveraged Funds: \$91,135.

**RT-0834** *Legal training for "Hunting the hunters," India.* In partnership with the Tiger Trust. To strengthen the capacity of senior forest officers in the Indian states of Rajasthan and Assam to make cases against wildlife criminals that may be successfully prosecuted in the courts.  
FWS: \$35,675; Leveraged Funds: \$11,500.

**RT-0806** *Conservation of wild tigers through ecological monitoring and community initiatives in Orang National Park, Assam, India.* In partnership with Aaranyak. To monitor the status of the tiger, its prey, and their habitat; identify tiger dispersal routes; and build capacity of the local scientists and foresters for long term monitoring of the tiger.  
FWS: \$49,900; Leveraged Funds: \$18,560.

**RT-0918** *Capacity building project – Training of tiger range state's officials in wildlife management, India.* In partnership with the Global Tiger Forum. To provide tuition and administrative support necessary to allow trainees (from tiger range countries other than India) to attend either the Wildlife Institute of India's certificate or diploma course in wildlife management.  
FWS: \$45,330; Leveraged Funds: \$42,000.

**RT-0939** *Understanding the impacts of conservation-induced displacement: Capacity building to enhance protected area management and wildlife conservation in India.* In partnership with Colorado State University. To develop a multi-phase capacity building program aimed at promoting greater awareness of the impacts of displacement of people moved from protected areas for the purpose of enhancing tiger conservation.  
FWS: \$45,256; Leveraged Funds: \$42,316.

**RT-0953** *Education as a tool for species conservation with a focus on the tiger in India.* In partnership with the Satpuda Foundation. To create a cadre of 25 educators who can develop and conduct tiger and/or rhino educational campaigns designed to be used as practical tools for solving environmental problems.  
FWS: \$16,269; Leveraged Funds: \$34,837.

**RT-0978** *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 III.* In partnership with the Wildlife Areas Development and Welfare Trust. To support participation of 50 Home Guards for one year in anti-poaching operations in the park's rhino habitat.  
FWS: \$67,100; Leveraged Funds: \$37,600.

**RT-1008** *Monitoring tigers and prey animals in Kaziranga National Park, Assam, India.* In partnership with Aaranyak. To assess the tiger population, identify dispersal routes of tigers into and out of the park and build capacity of forest staff and nongovernment biologists to monitor and research tigers.  
FWS: \$49,500; Leveraged Funds: \$22,000.

## **Indonesia**

**RT-0873** *Berbak to the Future: Setting baselines for linking carbon to tigers, Indonesia.* In partnership with the Zoological Society of London. To gather data and develop capacity needed to design and operate a carbon-based finance project for the park which incorporates the value of the area as important tiger habitat by measuring the ecological baselines, setting up the information systems and building the capacity required for monitoring the tiger, its prey, and their habitat over time.

FWS: \$49,914; Leveraged Funds: \$300,217.

**RT-0925** *Conserving tigers in Aceh and across Sumatra, Indonesia.* In partnership with Fauna and Flora International. To assess the conservation status of tigers across the Ulu Masen landscape and carry out a regional training workshop to enable an assessment of tigers across all of Sumatra.

FWS: \$47,314; Leveraged Funds: \$59,020.

**RT-0932** *Strengthening tiger protection and monitoring mechanisms in the Bukit Tigapuluh-Rimbang Baling landscape of Riau province, Sumatra, Indonesia.* In partnership with WWF Indonesia. To establish a Riau Wildlife Crime Task Force, strengthen law enforcement in the provincial nature conservation service and police, support the prosecution process and conduct baseline assessments of tiger and prey populations in the area.

FWS: \$50,000; Leveraged Funds: \$247,534.

**RT-0961** *Continuation of Javan Rhino Protection Units (RPUs) in Ujung Kulon National Park, Java, Indonesia.* In partnership with the International Rhino Foundation. To continue to protect the population of Javan rhino living within the park through operation of RPUs to carry out patrols, collect data, apprehend suspects, destroy traps/snares, and carry out community outreach.

FWS: \$49,993; Leveraged Funds: \$83,446.

**RT-0962** *Protection of Sumatran rhinos and other megafauna by anti-poaching units in Way Kambas National Park, Sumatra, Indonesia.* In partnership with the International Rhino Foundation. To continue operation of Rhino Protection Units in the park for the protection of Sumatran rhinos.

FWS: \$49,999; Leveraged Funds: \$123,235.

## **Lao PDR**

**RT-0883** *Building local incentives for tiger conservation through wildlife-based tourism in the Nam Et-Phou Louey National Protected Area (NPA), Lao PDR.* In partnership with the Wildlife Conservation Society. To increase economic incentives for tiger conservation through creation of opportunities for local employment and income generation from tourism development that places a value on living wildlife as an alternative to illegal wildlife trade.

FWS: \$57,199; Leveraged Funds: \$57,199.

**RT-0898** *Community participation in managing the Nam Et Phou Louey National Protected Area (NPA) to increase tiger and prey populations, Lao PDR.* In partnership with the Wildlife Conservation Society. To empower the protected area fringe communities to protect the resources that lie within their village use areas through training and awareness raising.

FWS: \$51,136; Leveraged Funds: \$42,474.

**RT-0882** *Tiger conservation through reduced wildlife trafficking in the Nam Et Phou Louey National Protected Area, Lao PDR and Vietnam.* In partnership with TRAFFIC International. To reduce trafficking in tigers and their prey by improving compliance with legislation through strengthening enforcement capacity of customs and other relevant border enforcement agencies along the Laos-Viet Nam border of the National Protected Area.  
FWS: \$49,240; Leveraged Funds: \$5,000.

**RT-0891** *Vientiane Capital City Illegal Wildlife Trade Project, Phase V, Lao PDR.* In partnership with the Wildlife Conservation Society. To conduct patrolling and other law enforcement activities relevant to combating illegal wildlife trade, conduct a campaign to encourage the public to report wildlife trade, and raise awareness amongst travelers not to partake in wildlife trade.  
FWS: \$53,124; Leveraged Funds: \$40,879.

### **Malaysia**

**RT-0894** *On-site protection of tigers and prey through conservation education and enforcement initiatives in the Endau-Rompin landscape, Malaysia.* In partnership with the Wildlife Conservation Society. To support and train Jahore National Park Corporation Trainers in conduct of tiger conservation workshops for park rangers, local educators and rural communities living in and near tiger habitats.  
FWS: \$55,772; Leveraged Funds: \$82,494.

**RT-0977** *MYCAT Tiger Roadshow Unit – Saving the Malayan Tiger, Malaysia.* In partnership with the Malaysian Nature Society. To conduct tiger conservation education ‘roadshows’ in communities known to harbor tiger poachers so as to encourage the public to report wildlife law violations.  
FWS: \$24,599.00; Leveraged Funds: \$25,602.

### **Nepal**

**RT-0934** *Implementing anti-poaching and habitat management activities to recover the rhino population in Nepal’s Terai Arc landscape.* In partnership with World Wildlife Fund, Inc. To support rhino anti-poaching and habitat restoration activities in the vicinity of Chitwan National Park as well as rhino conservation awareness activities across Nepal’s Terai (including televised dramas and bicycle rallies).  
FWS: \$50,000; Leveraged Funds: \$68,500.

**RT-0957** *Implementing a sustainable training program on actions to be taken at the scene of a wildlife crime in Nepal’s Protected Areas.* In partnership with the National Trust for Nature Conservation. To improve the skills and knowledge of those persons who patrol the range areas of the endangered one-horned rhino and tiger to gather evidence for successful prosecutions.  
FWS: \$58,251; Leveraged Funds: \$3,550.

**RT-0960** *Development of dedicated armed anti-poaching units in the rhino protected areas, Nepal.* In partnership with the Zoological Society of London. To support the cost-efficient deployment of a newly constituted permanent complement of well led, adequately supplied and strongly motivated mobile armed anti-poaching units in Royal Bardia National Park.  
FWS: \$61,640; Leveraged Funds: \$64,550.

### **Thailand**

**RT-0855** *Ecological research for tiger conservation in Kuiburi National Park, Thailand.* In partnership with WWF-Thailand. To develop needed ecological information and build capacity of

protected area staff and local people to conserve tigers through management workshops, increased support for patrolling, a study tour to Huay Kha Khaeng Wildlife Sanctuary, and a green restaurant campaign.

FWS: \$48,017; Leveraged Funds: \$4,915.

**RT-0895** *Strengthening protection and community outreach interventions for tiger conservation in the Western Forest Complex, Thailand.* In partnership with the Wildlife Conservation Society. Support for the eighteen patrol teams of Thauang Yai East and West wildlife sanctuaries, publishing Thai versions of select tiger conservation outreach materials, presenting a nature education campaign in three area high schools, and estimating tiger prey absolute abundance in a portion of Thauang Yai West Wildlife Sanctuary.

FWS: \$51,828; Leveraged Funds: \$51,816.

**RT-0992** *Developing wildlife guardians in Thailand's forgotten park: Lasting protection for tigers and their habitat through forest ranger training and support in Thap Lan National Park.* In partnership with the Freeland Foundation. To strengthen capacity of the park's rangers to patrol effectively, monitor tigers, and provide information for interpretation and development of conservation strategies needed for park management.

FWS: \$49,615; Leveraged Funds: \$74,706.

## **Russia**

**RT-0897** *People for Parks: Environmental education activities in the Udege Legend National Park, Primorye, Russian Far East.* In partnership with Phoenix Fund. To repair a building needed for environmental education, conduct opinion polls of local people regarding tiger conservation, gather materials needed for the park's education program, initiate development of nature trails, and support park staff in engaging the local community to enhance their appreciation of the park.

FWS: \$24,100; Leveraged Funds: \$13,430.

**RT-0908** *Protection regime in Udege Legend National Park, Primorye, Russian Far East.* In partnership with the Phoenix Fund. To initiate development of a law enforcement team for this newly established park to prevent poaching and illegal logging and protect the Amur tiger.

FWS: \$47,970; Leveraged Funds: \$28,200.

**RT-0805** *"Teachers for Tigers": creating an educator's tool kit (teacher's guide and DVD) on the Amur tiger in Primorye, Russia.* In partnership with the Phoenix Fund. To provide schools and nature centers with educational materials to be used in teaching children about the need for tiger conservation.

FWS: \$40,000; Leveraged Funds: \$35,000.

**RT-0847** *Development of ecologically responsible hunting use in the Amur tiger habitat, Russia.* In partnership with the Wildlife Foundation. USFWS: \$62,260; Leveraged Funds: \$46,000. To lower threats to Amur tiger in Khabarovsk Krai by presenting training and resource materials on conservation and hunter ethics to hunters and violators, interacting with the media to produce articles supportive of tiger conservation, and conducting an assessment of changes in attitudes resulting from the program.

FWS: \$62,260; Leveraged Funds: \$46,000.

## **Vietnam**

**RT-0844** *Last Chance for the Vietnamese rhino, Vietnam.* In partnership with WWF Greater Mekong – Vietnam Program. To strengthen rhino protection by providing information needed to allow continued government involvement in rhino conservation (numbers and distribution), reduce disturbance of the rhinos by people and cattle, and raise awareness.

FWS: \$36,700; Leveraged Funds: \$41,695.

## **Modifications**

**RT-0820** *Building fundraising and grant management capacity for rhino conservation in India.* In partnership with the International Rhino Foundation. To support participation of trainees from Bangladesh at the project workshop.

USFWS: \$1,980.

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## **African Projects**

In 2009, the USFWS awarded 17 new grants for field projects in six African countries, totaling \$762,810 in USFWS funding, which was matched by \$2,371,423 in leveraged funds.

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## **Kenya**

**RT-0963** *Black Rhino Anti-Poaching & Monitoring Program in the Chyulu Hills.* In partnership with International Rhino Foundation. Funding will support efforts by sixteen Kenya Wildlife Services employees and staff employed from the local community in monitoring and protecting a small population of eastern black rhinos in the Chyulu Hills of southern Kenya. Activities will include ongoing ground tracking and aerial security surveillance, assisting in law enforcement and prosecutions, and monitoring and analyzing individual rhino habitat use data.

FWS: \$49,932. Leveraged Funds: \$145,635.

**RT-0965** *Focusing environmental education programs to deliver conservation goals in important rhino areas of Kenya, Tanzania and Zambia.* In partnership with Save the Rhino International. The recipient will work to improve three environmental education programs which all focus on rhino conservation for schoolchildren living in and around rhino range in central Kenya, northern Tanzania and eastern Zambia.

FWS: \$55,587. Leveraged Funds: \$53,664.

**RT-0968** *Protecting black rhinos at Ol Pejeta: a key population in Kenya.* In partnership with Fauna & Flora International. This grant will provide financial support for uniforms and supplies for security and monitoring patrols protecting Kenya's largest black rhino population. Funding will also assist with monthly allowances for rhino patrol staff due to budget shortfalls caused by the drop in tourism since Kenya's 2008 post-election violence.

FWS: \$89,482. Leveraged Funds: \$168,469.

**RT-0981** *Promoting the recovery of the previously decimated rhino population in Meru Conservation Area.* In partnership with Kenya Wildlife Service. This grant will provide funding to Kenya's national wildlife authority to improve patrol roads and bridges in the rhino sanctuary at Meru National Park to facilitate security surveillance, to expand the fenced rhino sanctuary in order to provide more habitat to rhinos, and to continue tse tse fly control activities using species-specific

baits to minimize transmission of debilitating trypanosomiasis disease to rhinos.  
FWS: \$49,276. Leveraged Funds: \$128,983.

## **Namibia**

**RT-0920** *Local capacity building for black rhino management in communal conservancies, Save the Rhino Trust, Namibia.* In partnership with Save the Rhino International. The recipient will provide training for community game guards in Namibia in order to improve protection for newly reintroduced black rhino, will assess the success of previous training courses and will provide refresher training where necessary.

FWS: \$29,249. Leveraged Funds: \$32,644.

## **South Africa**

**RT-0916** *Capture and boma care of black rhinos in South Africa to be donated to Zambia in 2009/2010.* In partnership with South African National Parks. South Africa has generously donated eighteen southern black rhinos since 2003 to reintroduce black rhinos to Zambia. This year six black rhinos will be captured in Kwa Zulu Natal province and given to Zambia, and six more rhinos will be captured in Eastern Cape province to restock Kwa Zulu Natal. This grant will assist with the capture and care of these twelve rhinos during the translocation process.

FWS: \$62,405. Leveraged Funds: \$213,845.

**RT-0923** *Monitoring program and population estimates of black rhino in Kruger National Park.*

In partnership with South African National Parks. This grant will help support the 2009 aerial survey of the black rhino population in South Africa's Kruger National Park, using both fixed wing aircraft and helicopters, in order to get a reliable estimate of the population size, distribution, and age and sex structure.

FWS: \$35,000. Leveraged Funds: \$56,390.

**RT-0970** *Field ranger camp solar upgrade in Mkhuze Game Reserve, Kwazulu-Natal, South Africa.* In partnership with Ezemvelo KwaZuluNatal wildlife. The purpose of this project is to upgrade facilities for rangers responsible for rhinoceros monitoring and security in South Africa's Mkhuze Game Reserve. The recipient will provide solar systems at seven of the 14 field ranger camps within Mkhuze in order to improve the standard of living for rhino rangers, to make the camps more efficient and functional, more sustainable and to lower the environmental impact.

FWS: \$20,995. Leveraged Funds: \$11,250.

**RT-0976** *The genetic rescue of black rhinoceros: redressing translocation induced bias for longer-term meta-population management.* In partnership with Victoria University of Wellington, School of Biological Sciences. This grant would support the genotyping of 96 black rhinoceros genetic samples collected throughout the region from all three subspecies which occur in the area. These samples have already been collected by various projects, and analyzing the genetics could provide information to guide future management interventions, including identifying inherent genetic variation within populations, unintended bias in translocations, and post-release survival and fecundity among translocated rhinos from various source populations.

FWS: \$11,979. Leveraged Funds: \$5,224.

**RT-0989** *Black rhino re-introductions and conservation planning in the Maputaland Centre of Endemism.* In partnership with University of Kent. Funding would support collaborative efforts to combine field-based data on rhino in three specific sites (Phinda, Mkhuze and Pongola) with long-

term demographic data from reintroduced populations throughout the greater Maputaland region of South Africa, to develop spatially explicit metapopulation models to improve biological productivity of the region's rhinos. Simultaneously, the team will assess socioeconomic viability aspects of rhino reintroduction in tourist areas to better understand the costs and benefits.  
FWS: \$26,400. Leveraged Funds: \$40,340.

### **Tanzania**

**RT-0971** *Securing and rehabilitating black rhino habitat in the Ngorongoro Conservation Area in Tanzania.* In partnership with Frankfurt Zoological Society. The recipient will initiate activities to address the most significant threats to the black rhino population in northern Tanzania's Ngorongoro Conservation Area identified through previous USFWS-funded projects, including: protection of Acacia woodlands, restoration of natural hydrology, removal of invasive plants, and outreach to local communities and visiting tourists.  
FWS: \$72,375. Leveraged Funds: \$493,077.

See also *RT-0965* under Kenya.

### **Zambia**

**RT-0956** *Support for black rhino population, Diceros bicornis minor, of North Luangwa National Park, Zambia.* In partnership with Frankfurt Zoological Society. This grant will support aerial and ground patrols in North Luangwa, Zambia, and will provide equipment and technical training for use of a standard database to facilitate in planning and analyzing rhino monitoring and management.  
FWS: \$16,256. Leveraged Funds: \$393,838.

**RT-0990** *Completing the translocation of the founder population of black rhino in North Luangwa National Park, Zambia.* In partnership with Frankfurt Zoological Society. The recipient will translocate five black rhino donated by South Africa to North Luangwa National Park in Zambia. These rhinos will supplement the reintroduced black rhinos that have been delivered in three previous translocations (2003, 2006 and 2008).  
FWS: \$91,650. Leveraged Funds: \$433,565.

**RT-1006** *Planning for effective management of the black rhino in North Luangwa National Park, Zambia.* In partnership with Frankfurt Zoological Society. This grant will support the development of a black rhino management plan for the newly reintroduced population in North Luangwa, Zambia. Activities will include an updated assessment of the habitat quality and security in the region, and a workshop convening experts and representatives of Zambia's Wildlife Authority and experts from various African countries to develop a ten year management plan.  
FWS: \$25,885. Leveraged Funds: \$21,348.

See also *RT-0965* under Kenya.

### **Zimbabwe**

**RT-0929** *Research & development of Radio Frequency Identification (RFID) technology to facilitate rhino monitoring, Africa.* In partnership with International Rhino Foundation. This project will modify existing radio transponders, designed for other animals, so that they can be implanted in horns to facilitate remote tracking of live rhinos and to improve law enforcement detection of poached rhino horns. The transponders and receivers will then be field tested on rhinos in Zimbabwe to determine if this is a viable alternative to existing horn transmitters.  
FWS: \$33,350. Leveraged Funds: \$35,900.

***RT-0930*** *Continued support for rhinoceros management operations, Zimbabwe.* In partnership with International Rhino Foundation. The recipient will continue to work with an experienced team to locate and tranquilize black rhinos in order to treat the animals for a) snare injuries and other injuries, b) ear-notching for monitoring, c) fitting horn implant transmitters to aid rhino monitoring, and/or d) translocating rhinos in vulnerable areas to places of greater safety.  
FWS: \$69,999. Leveraged Funds: \$93,911.

***RT-1007*** *Rhino Management operations in 2009, Matobo Rhino Intensive Protection Zone (IPZ), Zimbabwe.* In partnership with Save the Rhino International. This project will support the Marwell Zimbabwe Trust to protect and monitor black and white rhinos in Zimbabwe's Matobo National Park by undertaking immobilizing and earnotching of at least 11 white rhinos and 8 black rhinos for individual identification, fitting horn transmitters for tracking, and dehorning individuals which are identified to be at highest risk of poaching.  
FWS: \$22,990. Leveraged Funds: \$43,340.

**\* An additional \$1,980 was awarded in a modification to one existing grant in India.**