



Photo: Lucas Foglia

## Winrock and Guyana

Winrock International is a recognized leader in U.S. and international development with a focus on social, agricultural and environmental issues. Winrock strives to empower the disadvantaged, increase economic opportunity and sustain natural resources across the globe.

Essential to our work and reputation are our innovative technical experts and scientists who are driven to make a difference in the world. With a long record of innovation, integrity and quality service, Winrock has become a trusted partner for governments and businesses worldwide.

Since its founding in 1985, Winrock International has managed over \$1 billion in contracts, cooperative agreements and grants in pursuit of the organization's mission. Winrock has more than 1,000 employees throughout the U.S. and the world, including project offices in 27 countries.

Winrock is committed not only to developing scientific approaches, but to increasing the **technical capacity** of people around the world to engage and participate in this work. Currently, Winrock is helping the governments of Cambodia, Chile, Colombia, Costa Rica, Democratic Republic of the Congo, Guatemala, Guyana, Laos, Liberia, Indonesia, Papua

## ABOUT REDD

REDD STANDS FOR REDUCING EMISSIONS FROM DEFORESTATION AND FOREST DEGRADATION.

REDD+ INCLUDES THE ROLE OF CONSERVATION, SUSTAINABLE MANAGEMENT OF FORESTS, AND ENHANCEMENT OF FOREST CARBON STOCKS IN DEVELOPING COUNTRIES.

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New Guinea and Peru, in low-emission development, climate resiliency, forest inventory systems, monitoring systems and REDD+ frameworks.

Winrock works to increase capacity for climate change mitigation through the preparation of **capacity building toolkits and training programs**. Winrock-managed carbon inventories and training in forest-carbon project development have been conducted in Belize, Bolivia, Brazil, Cambodia, Chile, China, Colombia, Costa Rica, Democratic Republic of Congo, Ecuador, Guatemala, Guinea, Guinea-Bissau, Guyana, Honduras, Indonesia, India, Laos, Madagascar, Malaysia, Mali, Mexico, Moldova, Panama, Papua New Guinea, Peru, the Philippines, Republic of Congo, Romania, Thailand and Vietnam.

With support from the World Bank, the International Tropical Timber Organization, USAID, the Nature

Conservancy and the World Wildlife Fund, Winrock has developed a series of guidance documents, training series and university curricula on terrestrial carbon stock measurement, climate change mitigation project design for use in clean development mechanism (CDM) and voluntary markets, and REDD+ reference level development. Winrock has also provided technical assistance to over 20 CDM and voluntary market projects, assisting them in project design, implementation, validation and credit verification.

### **Guyana Forestry Commission Forest Carbon Stock Measurement and REDD+ Implementation- Guyana Forestry Commission (2010-2016)**

Winrock's Ecosystem Services has worked in close collaboration with the Guyana Forestry Commission (GFC) since 2010 to assist with the design and implementation of a Forest Carbon Monitoring System (FCMS) that feeds into the country's overall REDD+ Monitoring, Reporting and Verification (MRV) system. Winrock conducted spatial analyses to identify the likelihood of future land use change and developed methods to conduct a forest inventory for the purpose of estimating greenhouse gas emissions from the forest sector.

Over the course of this work, Winrock has collaborated with GFC to develop scientifically sound estimates of historical carbon emissions from deforestation and forest degradation, establish a Reference Level of projected future emissions in the absence of REDD+ activities, and develop a long-term plan to monitor how changes in the use and management of forest lands impact carbon emissions. Throughout, Winrock has placed a strong emphasis on capacity building and fostering solid technical skills among GFC

staff to assure the integrity and longevity of the MRV system. With significant technical assistance from Winrock, Guyana submitted its proposal of a forest reference level for REDD+ to the the United Nations Framework Convention on Climate Change (UNFCCC) in December 2014, after undergoing several rounds of expert review.

Winrock's current efforts are focused on completing a full, country-wide Reference Level and assisting in the development of the MRV system.

### **Support the Development and Implementation of Guatemalan National and Sub-National REDD+ Strategies-Rainforest Alliance and USAID (2013-2014)**

Winrock provided technical support to the Universidad del Valle de Guatemala, which was leading the development of Guatemala's MRV system. We conducted a comprehensive gap assessment to identify existing capacity and data for establishment of an MRV system and provided key technical support and recommendations in the development of a governance framework for the MRV system.

Finally, Winrock worked closely with the Guatemalan government and our partners in developing and reviewing Guatemala's Emissions Reduction (ER) Program Document for submission to the Forest Carbon Partnership Facility (FCPF) that was approved. Winrock provided ongoing support in developing the ER-Program Document, focusing on the design of a national MRV system, which included a methodological document for carbon accounting and technical recommendations for the design of a national forest inventory.