

# CEPF SMALL GRANT FINAL PROJECT COMPLETION REPORT

## I. BASIC DATA

**Organization Legal Name:** Belize Tropical Forest Studies

**Project Title (as stated in the grant agreement):** Establishing a Baseline to Monitor Species and Key Biodiversity Areas in Belize + Baseline and Change Detection: Analysis and quantification of forest cover change over approximately the past decade.

**Implementation Partners for This Project:**

**Project Dates (as stated in the grant agreement):** November 1, 2006 – October 17, 2007

**Date of Report (month/year):** October 17, 2008

## II. OPENING REMARKS

This project established the baseline for species and KBA outcomes for Belize plus a remote sensing analysis was carried out to establish forest cover change in Belize.

## III. NARRATIVE QUESTIONS

### 1. What was the initial objective of this project?

Biodiversity baseline data such as those that can be used in the establishment of Key Biodiversity Areas (KBA's) are scattered. In Belize a mechanism exists to gather such information. This system is called the Biodiversity and Environmental Resource Data System for Belize (BERDS)

The idea behind BERDS is that members can and should enter their gathered biodiversity data and although the BERDS system has several members in and outside Belize, the actual data entry is lagging behind. The reason for this is very simple; most NGO's and other members simply do not have the time and person-power allocated to data management.

Using the data so gathered, this project established the baseline for species and KBA outcomes. The project will analyze and prioritize KBAs for Belize.

### 2. Did the objectives of your project change during implementation? If so, please explain why and how.

The component "Baseline and Change Detection" was added during 2008 and focused on analysis of Satellite Imagery in order to detect and quantify forest cover loss over the past decade.

**3. How was your project successful in achieving the expected objectives?**

The KBA component was successfully finalized in October 2007 with the delivery of a report and Associated ArcView shapefiles.

The Baseline and Change detection has successfully resulted in the delivery of a base line img (Erdas Imagine) files covering the periods 1990-2000 and 2000-2005 for the entire country of Belize (total of 6 iterations). Quality control detection is being carried out and depending on feedback, modifications may still be required.

**4. Did your team experience any disappointments or failures during implementation? If so, please explain and comment on how the team addressed these disappointments and/or failures.**

The principal stumbling blocks in the implementation were the long delays between the initial contacts to carry out the project and the actual commissioning. Due to this delay, we had become engaged in other projects which in their return affected the time available for the project and led to delays. Other problems encountered were hardware failure with associated loss of data. The hardware problems in it self were unrelated to the project but acquisition of new hardware and reinstallation of back-up data did affect the implementation of the project. The baseline and change detection component of the project were much more labor intensive than foreseen and the analysis consumed nearly three times the amount of time estimated and budgeted. Ultimately, the principal effect of the above were late delivery of results, the results themselves were not affected.

**5. Describe any positive or negative lessons learned from this project that would be useful to share with other organizations interested in implementing a similar project.**

- It is important to keep the time-lag between initial contact/training for the project and the actual commissioning to a minimum as not to loose momentum in the implementation.
- A realistic assessment of time investment required for the implementation of a project should be carried out in advance.

**6. Describe any follow-up activities related to this project.**

The results of the project will serve as the foundation for many future analysis and conservation decisions. As such the number of follow-up activities is only limited to the amount of time the results of the analysis remain valid and up to date. For the time being quality control and potential fine tuning of the change detection component is the most urgent follow up activity.

**7. Please provide any additional information to assist CEPF in understanding any other aspects of your completed project.**

None

#### IV. ADDITIONAL FUNDING

*Provide details of any additional donors who supported this project and any funding secured for the project as a result of the CEPF grant or success of the project.*

Donor	Type of Funding*	Amount	Notes
BTFS	A	\$ 4,000.--	In kind contribution to finance extra time needed to finalize base line and change detection

**\*Additional funding should be reported using the following categories:**

- A** *Project co-financing (Other donors contribute to the direct costs of this CEPF project)*
- B** *Complementary funding (Other donors contribute to partner organizations that are working on a project linked with this CEPF project)*
- C** *Grantee and Partner leveraging (Other donors contribute to your organization or a partner organization as a direct result of successes with this CEPF project.)*
- D** *Regional/Portfolio leveraging (Other donors make large investments in a region because of CEPF investment or successes related to this project.)*

#### V. ADDITIONAL COMMENTS AND RECOMMENDATIONS

None

#### VI. INFORMATION SHARING

CEPF is committed to transparent operations and to helping civil society groups share experiences, lessons learned and results. One way we do this is by making programmatic project documents available on our Web site, [www.cepf.net](http://www.cepf.net), and by marketing these in our newsletter and other communications.

These documents are accessed frequently by other CEPF grantees, potential partners, and the wider conservation community.

**Please include your full contact details below:**

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## VII. FINANCIAL REPORT

**Organization Name:**

**Belize Tropical Forest Studies**

**Project Title :**

***Establishing a Baseline to Monitor Species and Key Biodiversity Areas in Belize.  
Baseline and Change Detection Belize 1990-2205***

<b>Total Budget</b>	<b>\$13,000.00</b>		
<b>Advance Received</b>	<b>\$13,000.00</b>		
<b>Output Summary</b>	<b>Project Expenditures</b>	<b>Approved Budget</b>	<b>Balance</b>
Full Time Salary/Benefits	\$6,911.22	\$7,000.00	\$88.78
<b>* Professional Services GIS Support + training</b>	\$1,900.00	\$1,900.00	\$0.00
Rent and Storage	\$0.00	\$0.00	\$0.00
Telecommunications	\$200.00	\$200.00	\$0.00
Postage and Delivery	\$0.00	\$100.00	\$100.00
Supplies	\$0.00	\$0.00	\$0.00
<b>* Expensed Furniture and Equipment</b>	\$0.00	\$0.00	\$0.00
Maintenance	\$0.00	\$0.00	\$0.00
Travel (travel costs to NGO's and other members)	\$1,473.99	\$1,500.00	\$26.01
Meetings and Special Events	\$0.00	\$0.00	\$0.00
Miscellaneous (office supplies, computer use, overhead)	\$814.79	\$600.00	(\$214.79)
Sub-Grants	\$0.00	\$0.00	\$0.00
<b>Indirect Cost</b>	<b>\$1,700.00</b>	<b>\$1,700.00</b>	<b>\$0.00</b>
	<b>\$13,000.00</b>	<b>\$13,000.00</b>	<b>(\$0.00)</b>
<b>Total Project Expenditures</b>	<b>\$13,000.00</b>		
<b>Closing Balance</b>	<b>\$0.00</b>		