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# INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

THIRD YEAR – THIRD QUARTERLY PROGRESS REPORT  
DECEMBER 1, 2010 – FEBRUARY 28, 2011



**15 March, 2011**

This report was produced for review by the United States Agency for International Development (USAID). It was prepared by International Resources Group (IRG).

**COVER PHOTO:**

15 year old Rafizur Rahman from the Sundarbans watches birds in Lawachara National Park during an IPAC organized visit. This visit was part of the winning prize of the “Biodiversity for Life: Art and Text Competition” held in celebration of International Day of Biological Diversity and reflects IPAC’s focus on catalyzing youth to play a leadership role in Bangladesh’s conservation and sustainable development.

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International Resources Group (IRG)

With subcontractors:

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The WorldFish Center, CNRS, CODEC

BELA, Asiatic M&C, Oasis Transformation

Module Architects, IUB/JU

## **DISCLAIMER**

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# ACRONYMS

ACF	Assistant Conservator of Forests (post of Park Wardens)
ADP	Annual Development Plan
AIG	Alternative Income Generation
CDM	Clean Development Mechanism
CHT	Chittagong Hill Tracts
CMC	Co-Management Committees and Councils
CMO	Co-Management Organization
COP	Chief of Party
DC	District Council
DCOP	Deputy Chief of Party
DFO	Divisional Forest Officer
DoE	Department of Environment
DoF	Department of Fisheries
ECA	Ecologically Critical Areas
ECNEC	Executive Committee for National Economic Council
EWC	East-West Center
FD	Forest Department
FRUG	Federation of Resource User Group
FUG	Forest User's Groups
GIS	Geographic Information Systems
GoB	Government of Bangladesh
IPAC	Integrated Protected Area Co-management

IQC	Indefinite Quantity Contract
LOI	Leaders of Influence
M&E	Monitoring and Evaluation
MACH	Management of Aquatic Ecosystems through Community Husbandry
MoEF	Ministry of Environment and Forests
MoFL	Ministry of Fisheries and Livestock
MoL	Ministry of Land
NGOs	Non-Governmental Organizations
NRM	Natural Resources Management
NS	Nishorgo Sahayak
NSP	Nishorgo Support Project
PA	Protected Area
PMARA	Performance Monitoring and Applied Research Associate
PMP	Performance Monitoring Plan
PPP	Public Private Partnerships
REDD	Reduced Emissions from Degradation and Deforestation
RIMS	Resource Information and Management System (Forest Department)
RMO	Resource Management Organizations
RUG	Resource User Groups
SEALS	Sundarbans Environment and Livelihood Support (EC funded project)
SMEs	Small and Medium Enterprises
SOW	Statement of Work
USAID	U.S. Agency for International Development
VC	Value Chain of conservation enterprises

# COVER STORY

In the past Quarter, IPAC focused on strengthening youth involvement in nature conservation. IPAC strongly believes that nature conservation and awareness regarding climate change are better achievable through the involvement of the youth.

IPAC participated in the Bangladesh Scout Camporee fair in the last Quarter, reaching out to youths from all over Bangladesh. Through quiz competitions, presentations and sharing the youth got to learn about the positive biodiversity conservation and climate change efforts that are taking place across Nishorgo Network.

Also this Quarter, in partnership with GIZ, IPAC organized a Biodiversity Children's Art and Text Competition Winners Trip to Lawachara and Baikka Beel. The trip was led by renowned bird specialist Ronald Halder. The winners were brought to Sreemongol from all over the country and were exposed to a range of conservation related topics, went on hikes in the Lawachara forest and then enjoyed bird watching in Baikka Beel.



It is inspiring to look at nature as seen through the eyes of youth. Children from the Sundarbans shared their ideas of biodiversity experiences with the ones from Cox's Bazar. There was unified eagerness to learn more and with the involvement of Ronald Halder and the IPAC team the students were well exposed to Bangladesh's nature, what the future might hold and their role in protecting it.

During America Week activities in Khulna, many school going children were also briefed about IPAC and the Nishorgo Network, and their roles in nature conservation. Through different activities, promotional material distribution, quiz competitions, interactive popular theater shows children were made aware of Nishorgo Network.

IPAC looks forward to expanded involvement with youth in Nishorgo Network activities. Working effectively with Bangladesh's youth today will build a more resilient and sustainable nation tomorrow.

# I. INTRODUCTION

IPAC contributes to sustainable natural resource management and enhanced biodiversity conservation in targeted forest and wetland landscapes with the goal of preserving the natural capital of Bangladesh while promoting equitable economic growth and strengthening environmental governance. IPAC is implemented by the Ministry of Environment and Forests (MoEF), and Ministry of Fisheries and Livestock (MoFL), through a consortium of partners led by International Resources Group (IRG).<sup>1</sup>

The technical support contract for the Integrated Protected Area Co-Management (IPAC) Project was awarded on June 4, 2008 by USAID/Bangladesh through the PLACE Indefinite Quantity Contract (IQC) through Task Order no. EPP-I-01-06-00007-00. The IPAC contract provides for technical advisory services and other support to be provided over a five year period (2008-2013) to GOB environment, forestry and fisheries agencies responsible for the conservation of wetland and forest protected areas across Bangladesh. This network of forest and wetland protected areas is now recognized as the Nishorgo Network. Over the next two years, the IPAC team will continue to work directly with key stakeholders at the local level to support the further development and scaling-up of the conservation and co-management of protected forest and wetland ecosystems in the Nishorgo Network of Bangladesh with particular emphasis given to ensuring its long-term sustainability.

This Quarterly Progress Report covers the period of December 1, 2010, through February 28, 2011, or the third quarter of the third year of IPAC implementation. The report summarizes the accomplishments and completed activities of the past quarter, and priorities activities identified for the next quarter (March-May 2011). Annexes for this report include the IPAC activity calendar, recently completed technical reports, updated performance indicators and status of co-management in targeted sites of the Nishorgo Network. For more information, please contact: IPAC, House 68 (2nd floor), Road 1, Block I, Banani, Dhaka 1213, Bangladesh tel. 880-2-987 3229 or visit [www.nishorgo.org](http://www.nishorgo.org).

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<sup>1</sup> In addition to IRG, the IPAC team partners include: WWF-US, dTS, East West Center, ELI, Epler-Wood International, WorldFish Center, CNRS, CODEC, BELA, Asiatic Communications, Oasis Transformation, Module Architects, Independent University of Bangladesh and Jahangirnagar University.

## 2. SUMMARY OF PROGRESS

During this third Quarter of IPAC project Year 3, IPAC staff and partners continued work to consolidate national-level policy initiatives while strengthening site-based co-management initiatives. Increased emphasis was given to sustainability at both the policy and field levels. At the national level, special effort was put into moving forward a national strategy for integrated protected areas based on principles of co-management. This included on-going consultations of the recently-drafted strategy and action plan for a national PA system as well as submission of the Sundarbans IRMP and Collaborative REDD+ and IFM forest carbon financing plan to the Forest Department for review and approval. In the field, IPAC stepped-up efforts to ensure sustainability of co-management organizations through continued ramping-up of AIG/VC activities and development of a range of LDF grant proposals. Additionally, refresher training was provided to Community Patrol Groups for Joint Patrolling and local government co-management orientations were stepped-up. Besides these regular activities, this Quarter included the facilitation of an Office of Inspector General performance audit, participation in America Week in Khulna, and facilitation of the filming of an episode of CNN's Eco Solutions scheduled to be aired in March. Below is a summary of IPAC's main accomplishments and results over this past Quarter.

National-level policy for co-management of protected areas saw significant progress this Quarter. The Cabinet approved a revised Wildlife Act that codifies co-management for protected area conservation. Further, the IPAC team generated additional support for the draft national protected area co-management strategy and action plan. Presentations were made to a diverse range of government and civil society stakeholders and included the Minister of Livestock & Fisheries, Director General of Department of Fisheries, Chief Conservator of Forests at Forest Department, and many other in Dhaka as well as IPAC field sites. Significant progress was also made this Quarter with policy support for co-management of the Sundarbans. A final draft Sundarbans Integrated Resource Management Plan and Collaborative REDD+ IFM Project (CRISP) documents were presented and submitted to Forest Department for approval and implementation.

This Quarter, IPAC focused on wetland leasing policy reform and, with USAID, held a constructive meeting with the Minister of Livestock & Fisheries as well as senior Department of Fisheries officials. While it is recognized that Bangladesh requires a revised policy that reflects co-management and is based on sustainable resource utilization, there are significant obstacles to change from the current, more time-constrained and economically-driven wetlands leasing policy. Of particular concern to IPAC is ensuring lease extensions for MACH sites, set to expire in March 2011.

**Communications and Outreach.** This Quarter, IPAC made great strides in building increased awareness of and support to both the IPAC project and the Nishorgo Network. IPAC participated in a number of high profile events including the US Embassy-led America Week in Khulna and the national Scouts Camporee outside of Dhaka. IPAC also supported the production of a CNN Eco Solutions episode highlighting women's community patrol groups supporting conservation and restoration of Chanuti Wildlife Sanctuary. IPAC support for the Nishorgo Network included the production of English and Bangla versions of a 23 minute Nishorgo Network video documentary as well as popular song. These will be aired extensively in national media and also provide IPAC and our partners effective tools for building increased awareness of the Nishorgo Network. Additional Nishorgo Network communications materials were prepared and distributed, thus leading to an increasingly vibrant Nishorgo Network footprint at both the national and field levels.

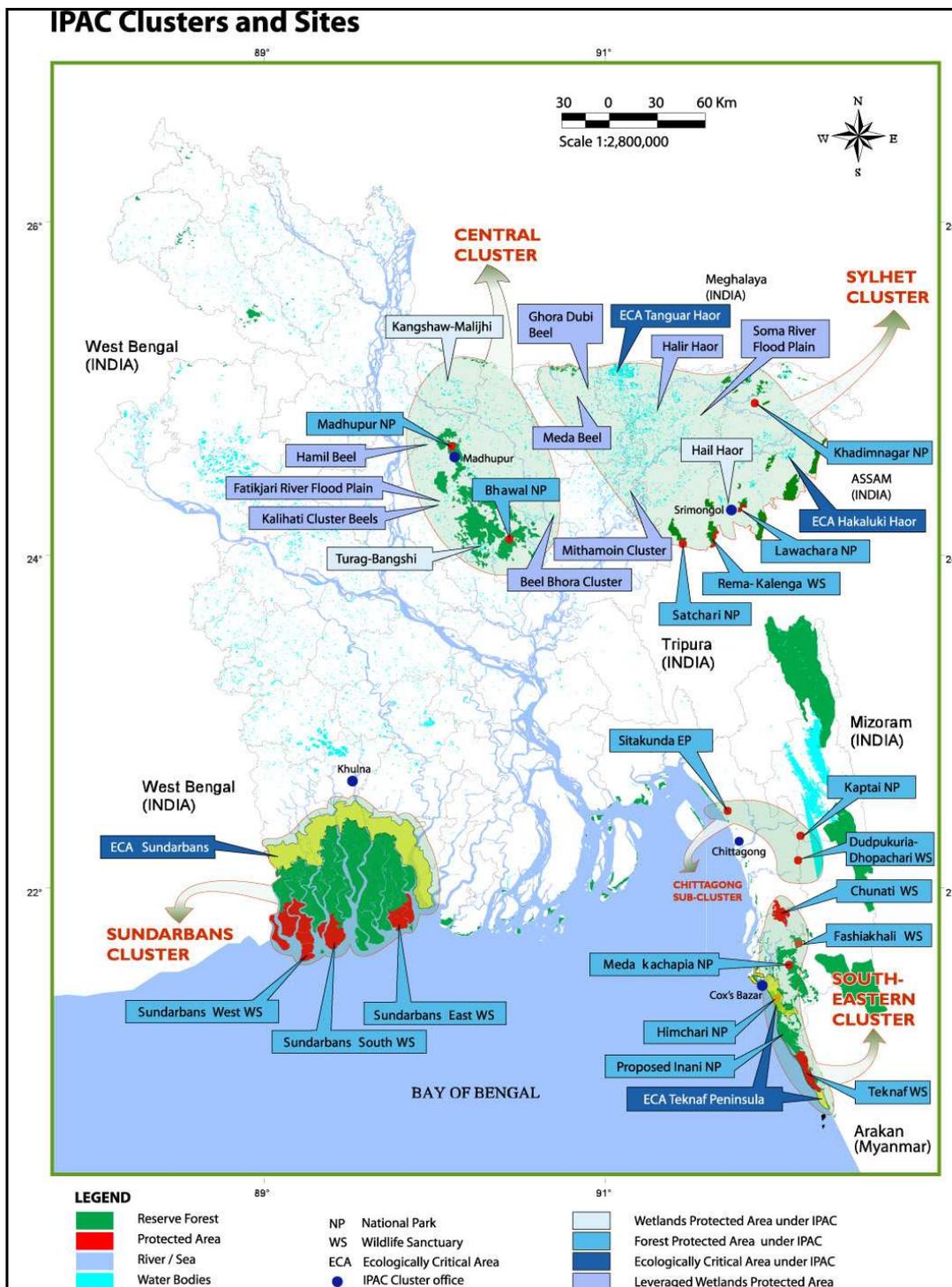
**Conservation Financing & Partnerships** work included on-going entrance fee collection in five PAs, with the collection of nearly BDT 1,200,000. Fifty percent of this is mandated for sharing with respective CMCs. IPAC also facilitated a short-term consultancy to apply the entrance fee system to a revenue sharing model for Sundarbans. This Quarter, IPAC staff worked with CMCs to develop and then approve 8 Landscape Development Fund (LDF) grants that will be implemented by CMCs to provide economic development opportunities to community members dependent on PAs. Additionally, IPAC supported implementation of Arannayk Foundation grants with three CMCs. IPAC also engaged in regular donor coordination to ensure adaptation and replication of IPAC approaches, and also continued on-going fundraising initiatives for the Conservation Interpretation Center for Lawachara NP.

**Capacity Building & Training** During the third Quarter of Program Year 3, the capacity building component provided stronger and more systematized capacity building and training support to a range of key groups of stakeholders including government technical departments as well as national and local officials responsible for Protected Areas (PAs), Wetlands and Ecologically Critical Areas; co-management institutions; community based organizations; resource user groups engaged in co-management; and supporting NGO and private sector partners. Over the Quarter, IPAC facilitated training courses, workshops and orientations in Bangladesh as well as internationally. This included a range of site-based training and capacity building activities to build awareness of and commitment to co-management practices, commencement of a four-week, residential certificate course in Conservation Biology and PA Co-Management, and facilitation of two regional training programs for GoB officials. Most important, groundwork has been prepared for a more systematic approach to capacity building and training activities for IPAC. This will contribute significantly to building human resources and institutional capacity to sustain IPAC's work beyond the life of the project.

**Field-level implementation.** This Quarter IPAC continued to consolidate field activities, to further transition from co-management organization formation to deeper and scalable co-management implementation, and to start planning for long-term sustainability of field activities. Significant progress this Quarter included the roll-out of additional AIG/VC activities built upon the village-based VCF co-management platform, development of 8 LDF grant agreements with CMCs that will be implemented starting next Quarter, CPG Joint Patrol refresher trainings, and local government Nishorgo Network orientations. The Sundarbans Cluster actively participated in America Week and also facilitated a successful eco-guide training activity that built links between community guides and private sector tour operators. The Sylhet and SE Clusters hosted visits by the OIG audit team as well as USAID, senior MoEF, FD and DoF officials. A number of site visits were held, sharing information and growing a stronger network among CMCs in all clusters.

**Project management.** IPAC provided continued project management support for policy and field-level work. Of specific note, this Quarter IPAC facilitated an Office of Inspector General performance audit. This 2-person team spent one month learning about IPAC in the Dhaka office as well as through two field trips. The audit team provided valuable ideas for further strengthening program management during their field work, and IPAC looks forward to their final report once it is completed.

Figure 1: Map shows IPAC project sites



# 3. PROJECT IMPLEMENTATION

## 3.1. DEVELOPMENT AND IMPLEMENTATION OF IPAC PROGRAM STRATEGY

This Quarter, IPAC continued to make progress on the development of the Nishorgo Network as a recognized national network of co-managed protected areas. The recently completed working draft of the Nishorgo Network and Action Plan was submitted to GoB and civil society stakeholders and a number of presentations were made. This Quarter also saw important progress made with Cabinet approval of the Wildlife Act, with an emphasis on co-management. Particular progress was also made in the Sundarbans. IPAC completed, presented and submitted a draft IRMP and carbon financing proposal document to the Forest Department, and also completed a short-term consultancy to develop policy options for a revenue sharing scheme so that communities living adjacent to and dependent on the Sundarbans are able to share economic benefits of various license and permit fees. A synopsis of IPAC policy and strategy achievements is presented below:

- ✓ **Consultation of working draft Nishorgo Network Strategy and Action Plan.** Completed last Quarter, this document provides a framework for integrating the conservation of forest, wetland, ECA and other types of protected areas in Bangladesh based on co-management. The culmination of a number of meetings and consultations held with government officials and civil society representatives, this working draft strives to compliment and integrate other key national strategies, including those related to biodiversity conservation, climate change adaptation and mitigation, and poverty alleviation, to ensure that co-management of protected areas figures prominently in future food security and climate change planning and programming. Over the Quarter, the working draft was shared with and presented to various GoB officials and civil society representatives. Consultations will continue through the next Quarter, with a final document to be completed in May.
- ✓ **Consultation and submission of the Sundarbans IRMP.** IPAC facilitated final consultations and then submitted the Integrated Resources Management Plan (IRMP) to Forest Department early this Quarter. Based on available scientific work and enriched through a series of stakeholder consultations in Khulna and Dhaka, the IRMP provides a framework for conservation of the Sundarbans forest, wetlands and fisheries resources based on co-management and emphasizing the demonstration of economic benefits too Sundarbans-dependent communities. The IRMP is currently with the Forest Department and is expected to be submitted to MoEF for final approval.
- ✓ **Revision of Forest Act** approved by Cabinet. Approved by the Cabinet last Quarter, the revised Forest Act, 1927, incorporates principles of co-management including provisions for joint management of forests to ensure shared responsibilities and benefits for conservation between the government and local communities. Co-management is formalized through a provision to constitute local forest management committees. The revision also includes stiffer penalties for illegal activities. The draft is still under vetting with the Ministry of Law.
- ✓ **Revision of Wildlife Act** with Ministry of Law. The cabinet approved the revised Wildlife (Conservation) Act on February 7, 2011. This approved Act consists of 54 sections, with Section 17 codifying a commitment to co-management, stipulating that the co-management approach will be employed to ensure proper utilization, conservation and management of natural resources of

Protected Areas. It empowers the government to promulgate the co-management approach as a partnership mechanism that ensures active participation of all parties, especially the Forest Department and local communities. It also encourages the government to form and support co-management committees and organizations. The Act is now on its way to Parliament where it should be passed as a bill.

- ✓ **Tree Conservation Act** established. The Tree Conservation Act of 2011 was established in February and grants the government oversight of harvesting of all trees from either public or private land.
- ✓ **National Forest Policy.** IPAC has provided Forest Department a working draft of a revised national forest policy. With the previous policy developed in 1994 being outdated, this new policy addresses current priorities including co-management, sustainable management of environmental services, global climate change adaptation and mitigation, and links between forest management and food security. It is expected that a final version of this policy will be completed in the coming months.
- ✓ **Protected Area Rules.** A draft has been submitted and a series of meetings and consultations with various GoB and civil society stakeholders have been held. Forest Department expects to finalize these rules in the near future though is awaiting further input from BELA.
- ✓ **Protected Area Co-Management Plans** under development. IPAC is facilitating the development of 22 co-management plans for Protected Areas managed under the project. IPAC has facilitated training and capacity building activities for CMCs who are now taking the leadership in preparing these plans. First and second drafts have been completed and are under revision. It is expected that final drafts will be submitted by mid March. These will be shared with FD next Quarter.
- ✓ **Community Patrol Group (CPG) Joint Patrol Guideline Revisions.** After the death of a CPG member while on patrol in Kaptai NP last Quarter, IPAC and FD reviewed and revised the CPG guidelines to ensure adequate safety and security measures were in place. Now finalized, revised guidelines are being presented to CPGs through a refresher training course. These courses have been initiated in all Clusters and are set to be completed in the coming Quarter.
- ✓ **Wetlands Co-Management Guidelines.** IPAC worked with DoF to develop a draft GO for institutional arrangements of co-management for wetlands. This draft GO was submitted to DoF in November for signing. It adapts co-management principles from forest PA management to the unique management challenges and opportunities of Bangladesh's wetlands. DoF has submitted a final draft to Ministry of Fisheries and Livestock, and further revisions are being discussed. This was discussed during a meeting with the Minister and including officials from DoF and USAID as well as IPAC project staff.
- ✓ **MACH Wetlands Lease Extensions.** IPAC worked with DoF on the submission of a wetlands lease extension request for MACH wetlands. These wetlands were initially approved for 5 years, and IPAC is working to ensure their extension for at least an additional 5 years. Importantly, these are set to expire in March 2011. This work feeds into broader wetlands leasing reform work that will strive to foster a co-managed, ecologically-determined approach to leasing. This Quarter, IPAC held a meeting with the Minister of Fisheries and Livestock as well as officials from DoF and USAID to discuss the need and strategy for revising wetland leasing policy to reflect co-management and ecological sustainability values. It is noted that the Minister will work with other like-minded officials to address wetland leasing reform with the Ministry of Land.
- ✓ **On-going forest-carbon financing work:** IPAC worked to complete two forest-carbon finance proposals, one for the Sundarbans and one that bundles six smaller PAs. This Quarter, IPAC completed the Collaborative REDD+ Improved Forest Management (IFM) Sundarbans Project (CRISP) concept and submitted it to Forest Department for review. IPAC also continued discussions

with GIZ regarding potential financing of the Chanuti carbon financing opportunity, and made progress on drafting a project concept for a group of 'bundled' or 'nested' protected areas. This document is expected to be completed by May. Finally, the IPAC COP participated in USAID's Gender and REDD+ training program in Bangkok, Thailand. This provided an opportunity to share the innovative carbon financing work under development in Bangladesh as well as tools and approaches for better incorporating gender mainstreaming into IPAC's carbon financing work.

- ✓ IPAC facilitated a short-term consultancy to develop implementation guidelines for revenue sharing for communities living in the Sundarbans impact zone (SIZ). These guidelines build off of previous IPAC work undertaken for entrance fee revenue sharing and should provide a basis for revenue sharing from carbon projects in the near future. The final report for this work will be submitted in March.

## 3.2. COMMUNICATIONS AND OUTREACH

This Quarter, Nishorgo Network national campaign activities took off in both Dhaka as well as in IPAC's five field clusters. IPAC's Communication and Outreach team focused on awareness raising regarding nature conservation, co-management and alternative income generation options for the forest and wetland dependents, as well as reaching out to all Bangladeshis in general.

IPAC and Nishorgo Network communication must reach a broad audience, not just those who are directly dependent on or working to safeguard the country's forest, wetland and ECA Protected Areas, but to the all of Bangladesh. This includes youth, policy makers, thinkers, doers and the general population. IPAC recognizes the need for awareness and a 'call to action' around the country regarding the core objectives of IPAC and their links to climate change and food security. This Quarter, IPAC's goal was to move forward with this integrated vision in mind.

IPAC has been organizing various forms of communication events at the local and national levels, targeting local people living around forests, wetland areas, co-managers, students, the media and the population of Bangladesh in general. Significant activities in the past Quarter included designing of completion of the Nishorgo Network documentary, various youth engagement activities including Bangladesh Scout fair, America week activities and participation, completion of Nishorgo Network song, and articles and other media coverage on co-management, forest, wetlands and alternative income generation activities on leading Bangladeshi dailies. The branding of Nishorgo Network has been a core goal of IPAC to achieve with close collaboration with USAID and the three government partners.

### 3.2.1. IPAC COMMUNICATION AND OUTREACH:

**Art and Text Competition and Winners Trip to Lawachara and Baikka Beel:** With the partnership of GIZ, IPAC organized a Biodiversity Children's Art and Text Competition winners trip to Lawachara and Baikka Beel lead by renowned bird specialist Ronald Halder. The winners were then brought Sreemongol from all over the country and were exposed to first hand conservation related topics, and hikes in the forest and bird watching in Baikka Beel.

**Engaging Media:** In the past Quarter articles regarding IPAC's work were published in different newspapers both at the national and local levels. One article in the Daily Star concentrated on AIG activities and IPAC. CNN's program, Eco Solutions, visited Chunati and broadcasted their program about co-management and a women community forest patrol group. Besides these two journalist visits, IPAC was also mentioned in several Prothom Alo articles as well as ICE today.

**Journalist dialogue sessions,** event coverage, participation in talk shows on television and radio were organized at local and national levels regarding IPAC activities and Nishorgo network. This aided in strengthening co-management in the protected forest and wetland areas. A series of meetings were held with Newspapers and TV channels with collaboration in mind.

**Participation in Fairs:** IPAC participated in different fairs including the US Embassy's America Week Fair and the Bangladesh Scout Camporee Fair. The goals of both the fairs were to create awareness about IPAC and to promote conservation activism to youth and the general public.

**Partnership of Bangladesh Scouts:** Continuous participation in events organized by Bangladesh Scouts and follow up is being done to finalize their partnership and collaboration with IPAC.

**Communication Material Developed and Distributed:** In this Quarter IPAC developed and distributed 15 factsheets, 3 success stories, an issue of the Nishorgo Network Newsletter, and wall and desk calendars.

**Visits:** In the past quarters Alyssa Ayres, US Deputy Assistant Secretary of State for South and Central Asian Affairs, visited IPAC'S Khadimnagar site. Also IPAC was a part of USAID arranged student visit to Teknaf Nature Park with IPAC beneficiaries and staff. The half day event will consist of interactive discussions with CMC members, trail hike and clean up and interactions with CPG members.

**Cluster Team Engagement:** Various communication and outreach related visits took place in the last quarter and a Communication and Outreach Workshop was held with the cluster team and Dhaka team was work on the communication plan going forward.

### **3.2.2. NISHORGO NETWORK COMMUNICATION AND OUTREACH:**

**Development of Key messages and distribution methods for Nishorgo Network:** The Communication team developed key messages on Nishorgo network and has been coordinating with Asiatic to develop slogans and other communication materials. Communication materials are being created with this theme for promotion and distribution in all level and different programs are being designed around these messages.

**Development of Nishorgo Network Documentary:** The Nishorgo Network documentary was completed and the screening is soon will be distributed to the media, local level, government and other relevant partners.

**Nishorgo Network Calendars, Notebook, pens and stickers:** Nishorgo Network calendars were created and distributed and a Nishorgo Network notebook is being created and will be distributed soon. Pens and stickers of Nishorgo Network has been created and distributed in the mass level.

**Development of Nishorgo Network Song:** As a part of the National Campaign a song was produced this Quarter with messages in line with nature conservation. It will soon be broadcasted in radio and television.

**Development of Nishorgo Network Radio Show:** The planning phase of starting a Nishorgo Network show is happening with Radio Foorti.

**Development of Flip Chart:** IPAC is working to develop a flip chart for the field level, the work has already been started with the social marketing agency COMMUNiCA.

**Development of National Campaign Materials:** A set of Nishorgo Network posters have been designed and are currently pending USAID's approval for distribution at both cluster and national levels.

## **3.3. CONSERVATION FINANCING AND PARTNERSHIPS**

### **3.3.1. REVENUES GENERATED FROM ENTRANCE FEES**

IPAC continued to work closely with Forest Department to strengthen the oversight and build capacity for collection and utilization of forest PA entry fee revenues by CMCs for co-management. By far the most significant Entry Fee revenues are being generated in Lawanchara NP, followed by Satchari NP.

**Table 2: PA Visitor and Entrance Fee Calculations for the Quarter.**

Forest PA Site	Number of visitors December 2010– February 2011	Total Entry Fee Revenue Collected (BDT) -
Lawachara NP	40,797	891,050
Satchari NP	13,459	2,86,015
Rema Kalenga WS	86	2,035
Teknaf WS	206	5840
Chunoti WS	24	620
Total	54,572	899,545

Also this Quarter, building from IPAC's entrance fee revenue sharing platform, IPAC facilitated a short-term consultancy to prepare a revenue sharing modality for communities living in the Sundarbans Impact Zone. This will be used for distribution of revenues from licenses and permits, and potentially for carbon financing initiatives in the future.

### **3.3.2. LANDSCAPE DEVELOPMENT FUND (LDF)**

IPAC's LDF grants contribute to long-term sustainability by building sustained institutional capacity of Co-Management Organizations while providing demonstrable economic benefits to PA dependent communities. During the Quarter, significant progress was made in facilitating the development of strong LDF proposals that support alternative income generating activities while also addressing broader IPAC objectives of biodiversity conservation and the Global Climate Change adaptation and/or mitigation process.

Over the Quarter, a number of proposals were developed by IPAC-facilitated CMOs according to prescribed grant application form and guidelines. These were then revised with the IPAC Grants team following the competitive grants manual for this grant program. A total 8 LDF PPs were received from the following areas:

- ✓ Southeast Cluster (3): Medhakachapia, Fasiakhali, Himchari
- ✓ Chittagong Hill Tracts-CHT Cluster (2): Kaptai, Karnafuly
- ✓ Sylhet Cluster (1): Khadimnagar
- ✓ Sundabans Cluster (2): Sarankhola, Chandpai

In designing the LDF project proposals from different clusters of IPAC, priorities were given to newly formed CMCs/ECA's targeting all the Community Patrol Group (CPG) members and selected VCF members with the participation of women and youth, ethnic groups that are really poor and dependent on protected areas, but can contribute a lot for conservation of respective PAs.

A total 727 Households were selected for alternative income generating activities depending on skill and capacity of the beneficiaries, and local market linkage. Major components of the selected projects include

Fisheries, Handicrafts, Sewing/Weaving, Agriculture, Agroforestry, Animal Husbandry, and Eco Tourism Development. Additionally, 2,120 Households will benefit from improved water access.

SI	Name of Grantee	Grants Requested	CMC Contribution	Total Budget	Period
		BDT			
1	Khadimnagar	393,782	46,000	439,782	March 2011 to August 2011
2	Medhakachapia	452,900	56,000	508,900	March 2011 to August 2011
3	Fashiakhali	560,200	67,000	627,200	March 2011 to February 2012
4	Himchari	687,000	156,000	843,000	March 2011 to July 2011
5	Sarankhola	900,000	103,000	1,003,000	March 2011 to February 2012
6	Chandpai	803,000	90,000	893,000	March 2011 to February 2012
7	Karnafuly	300,430	40,200	340,630	March 2011 to February 2012
8	Kaptai	468,130	55,200	523,330	March 2011 to February 2012
	Total	4,565,442	613,400	5,178,842	

A Grant Review Committee (GRC) including representation of IPAC's three concerned GOB stakeholders, Forest Department, Department of Fisheries and Department of Environment, was formed and met on February 14, 2011, in Dhaka, to review and subsequently approve these 8 project proposals. IPAC has forwarded this recommendation to USAID and awaits final approval to launch this first round of 8 LDF grants.

### 3.3.3. ARANNAYK FOUNDATION GRANT PROGRESS

During the Quarter, all three grant agreements have been signed between Arannayk Foundation and concerned IPAC CMCs. These include:

Grant Agreement # AF/GA-1004	:	Lawachara Co-Management Committee
Grant Agreement # AF/GA-1005	:	Satchari Nishorgo Sanstha
Grant Agreement # AF/GA-1006	:	Rema Kalenga Nishorgo Sanstha

Each of the project periods is from December 2010 to November 2011 and titled "Livelihood Support to Forest Conservation Groups in co-managed protected forest areas".

At the first stage, a total 263 Households are targeted as beneficiary among CPGs and VCFs by the projects in addition to the plantation at one site Rema Kalnega. Selected AIG components Animal Husbandry, Weaving, Nursery Development, Bamboo Handicrafts, and Small Business Development.

Following the grant agreement signing, a meeting was held at Arannayk Office on 15 December 2010 where Executive Director and Manager-F&A of Arannayk, and IPAC Grants team were present to discuss project implementation process. Also, the following accomplishments were made during the reporting period:

- ✓ Detailed work plan and fund request developed by respective CMOs
- ✓ 50% Fund disbursement made to CMOs (Tk.500,000 to each)

- ✓ 10 hectares Plantation area are selected at Kalenga Beat area
- ✓ Format is developed for providing revolving fund support to targeted beneficiaries
- ✓ AIG beneficiaries selection is under process by a formed Supervisory Committee

#### **3.3.4. DONOR LEVERAGING**

IPAC continued to work with donors to further co-management initiatives in Bangladesh. On-going collaborations continued with GIZ in Chanuti WS and Sundarbans; EU/EC for Sundarbans; and World Bank for Sundarbans.

### **3.4. CAPACITY BUILDING**

During the third Quarter of Program Year 3, the capacity building component provided stronger and more systematized capacity building and training support to a range of key groups of stakeholders including government technical departments as well as national and local officials responsible for Protected Areas (PAs), Wetlands and Ecologically Critical Areas; co-management institutions; community based organizations; resource user groups engaged in co-management; and supporting NGO and private sector partners. Over the Quarter, IPAC facilitated training courses, workshops and orientations in Bangladesh as well as internationally. This included a range of site-based training and capacity building activities to build awareness of and commitment to co-management practices, commencement of a four-week, residential certificate course in Conservation Biology and PA Co-Management, and facilitation of two regional training programs for GoB officials. Most important, groundwork has been prepared for a more systematic approach to capacity building and training activities for IPAC. This will contribute significantly to building human resources and institutional capacity to sustain IPAC's work beyond the life of the project.

Highlights from the Quarter include:

**Special Course on Remote Sensing and GIS:** To build increased analytical capacity in Geographic Information Systems, IPAC organized a week-long special course, "Remote Sensing and Geographic Information System (GIS)," through the Indian Institute of Remote Sensing (IIRS), in Dehradun, India. 5 GoB Officials with professional responsibilities including mapping and GIS management participated in this course and represented the Forest Department (3), Department of Fisheries (1) and Department of Environment (1). The course covered a variety of topics including remote sensing platforms and sensors, remote sensing data products, geo-informatics for natural resources management, visual interpretation of satellite imagery for forest cover mapping, pre-processing of satellite remote sensing data, spectral properties of vegetation, digital image interpretation and classification accuracy assessment, forest change detection and monitoring and database creation and spatial analysis.

**International Association of the Study of the Commons Workshop Participation:** IPAC supported 4 GoB officials from Forest Department (2), Department of Fisheries (1) and Department of Environment (1), and one staff member from the WorldFish Center to travel to Hyderabad, India, and present papers at this biennial regional conference. Linked to write-shop and research grants provided through IPAC earlier in the project, this provided GoB officials the opportunity to present their research in an international seminar setting. It also provided them with increased knowledge and broader perspectives of community natural resources management from an academic perspective. All participants look forward to applying this knowledge in their day-to-day work in Bangladesh.

**AIG/VC Training Programs:** In order to achieve long-term and sustainable economic development for PA-dependent communities, IPAC provided 35 batches of AIG/VC training programs to 712 participants. Trainings were tailored to meet site-specific AIG/VC opportunities and includes such subjects as vegetable cultivation, nursery development and maintenance, weaving, bamboo and cane product development, and aquaculture.

**Upazila Level GoB Officials Orientation Course:** Three orientation sessions were held in Mongla Upazila, Cox's Bazar Sadar Upazila and Kaptai Upazila to orient upazila administrations and sectoral officials on the Nishorgo Network, co-management, and links between PA conservation and sustainable development. A total of 151 local government officials attended in the sessions.

**Joint Patrolling Orientation Course:** IPAC continues to roll-out a refresher course on Joint Patrolling for Community Patrol Groups in order to emphasize safety and security. This Quarter, 10 trainings involving more than 300 CPG members were conducted in the CHT, SE and Sylhet Clusters. The course covers Nishorgo Network co-management principles, and CPG roles and responsibilities, Joint Patrolling, and monitoring and reporting.

**Eco-tour Guide Training:** IPAC facilitated a four-day training program for 34 community eco-guides from the Sundarbans, in Khulna. The training was jointly organized in collaboration with the Forest Department and the Bangladesh Parjatan Corporation (BPC) as well as major tour operators working in the Sundarbans. Besides skills training, this program also forged links between community eco-guides and the tour operators.

**Nishorgo Sahayak (Facilitator) Training:** A two-day training was held in the Sundarbans Cluster to build capacity of community leaders involved in VCFs and Peoples' Forums as well as Eco Tour guides to build facilitation skills necessary to deepen and sustain IPAC work in the Sundarbans at the community level. 202 participants participated in 8 batches of training, where they learned about co-management for conservation, the Nishorgo Network, CMC structure and management, conservation and development, and community organizing and facilitation skills.

**Peoples' Forum Orientation:** 60 community participants participated in 2 one-day Peoples' Forum orientations in the Central Cluster. During this orientation, participants learned about co-management for PA conservation, the legal structure and organizational basis of CMCs, and roles and responsibilities of Peoples' Forum representatives in the co-management process.

**Cross Site Visit:** 22 members of CMCs from the SE Cluster visited the Sylhet Cluster for a 4-day cross site visit. During the visit, the members shared their knowledge and experience about the entry fee management system of tourists, eco-tourism activities, how CMOs works and performed their duties, approaches to joint patrolling, etc.

**Planning for Regional & International Training Opportunities:** This Quarter, the Capacity Building and Training Team worked with GoB counterparts from Forest Department, Department of Fisheries and Department of Environment to assess training needs and align these with DPP obligations through the end of the IPAC project period. Additionally, the team reached-out to and developed contacts with a range of high quality service providers. Plans are underway to support participation in this summer's PA Management program in Montana, USA, a Certificate Course in Wildlife Management at the Wildlife Institute of India, a West Bengal cross-visit, and a possible Thailand study tour targeting GoB officials and field-level co-management partners. These will be further developed in the next Quarter.

**Certificate Course on Applied Conservation and PA Co-Management:** Late this Quarter, IPAC kicked-off the 3rd round of Applied Conservation and PA Co-Management four week-long, residential training program. This certificate course has been developed and is being facilitated under a joint collaboration between the faculty of Jahangirnagar University (JU) and Independent University, Bangladesh (IUB). Conducted at the Fisheries Training Academy (FTA) in Savar, Dhaka, the 19 participants come from Forest Department (7), Department of Fisheries (8) and NGOs (4). Course material includes conservation biology, natural resources of Bangladesh, fundamentals of restoration ecology, sustainable development and alternative income generation, PA co-management, eco-tourisms, and global climate change adaptation and mitigation. Three more rounds of this well-received certificate course are scheduled over the next 2 years.

**IPAC Research Grants Program:** IPAC is working with partners the East West Center and the WorldFish Center to develop and implement support for 12 research grants over the 2011-2012 period. In February, an announcement was circulated to Forest Department, Department of Fisheries, Department of Environment

and a number of universities inviting applications for participation. A grants review committee will select 12 proposals for award. Besides limited financial support, grantees will receive extensive technical support through write-shops to refine research objectives and write international-standard research papers.

### 3.5. SITE SPECIFIC IMPLEMENTATION

This Quarter IPAC continued to consolidate field activities, to further transition from co-management organization formation to deeper and scalable co-management implementation, and to start planning for long-term sustainability of field activities. Significant progress this Quarter included the roll-out of additional AIG/VC activities built upon the village-based VCF co-management platform, development of 8 LDF grant agreements with CMCs that will be implemented starting next Quarter, CPG Joint Patrol refresher trainings, and local government Nishorgo Network orientations. The Sundarbans Cluster actively participated in America Week and also facilitated a successful eco-guide training activity that built links between community guides and private sector tour operators. The Sylhet and SE Clusters hosted visits by the OIG audit team as well as senior MoEF, FD and DoF officials. A number of site visits were held, sharing information and growing a stronger network among CMCs in all clusters. At the end of the period, a total of 743 Village Conservation Forums, 17 Peoples’ Forums and 16 CMCs were active in forest Protected Areas. Additionally, 168 Resource User Groups and 17 RMOs were working in Wetland landscapes.

Highlights in this Quarter include:

- ✓ Peoples’ Forum was formed in DDWS and progress is being made to form a CMC.
- ✓ Sylhet and SE Clusters hosted OIG audit visits.
- ✓ CNN produced an episode of Eco Solutions, highlighting the ‘Sari patrol’ women’s’ patrol group efforts in Chanuti WS.
- ✓ The Sundarbans Cluster actively participated in the US Embassy’s America Week.

Cluster-specific synopses are provided below:

#### 3.5.1. SOUTH EASTERN CLUSTER:

South Eastern Cluster facilitated 3 Upazila-level officers orientation on Nishorgo Network during the Quarter. Government Officials were informed and understood about on-going co-management conservation activities. Representatives from different CMCs visited Sreemongol to learn about conservation activities undertaken by the CMCs and RMOs. A total 694 male and 99 female CPG members received patrolling uniforms.

The following table highlights the specific work of SE cluster.

IPAC cluster	Activities
South Eastern Cluster	<ul style="list-style-type: none"> <li>✓ Provision of improved water facility for madrasa students adjacent to Medhakocchapia National Park area.</li> <li>✓ VCG vegetable production AIG activity implemented..</li> <li>✓ School students participated in art competition on nature conservation.</li> <li>✓ LDF proposals from all new sites submitted.</li> <li>✓ All the VCF meetings were conducted by NS facilitators.</li> </ul>

### 3.5.2. SUNDARBANS CLUSTER:

Sundarbans Cluster successfully participated in America Week organized by US Embassy and USAID. Also, the Vice president of the World Bank and Secretary, Ministry of Environment and Forests, visited IPAC sites in the Sundarbans. Collaborating with FD and other tour operators, an eco-tour guide training conducted for 34 participants.

The following table highlights the specific work of Sundarbans cluster.

IPAC cluster	Activities
Sundarbans Cluster	<ul style="list-style-type: none"> <li>✓ At the end of the quarter, a total of 155 Village Conservation Forums (VCF), 3 Peoples Forum and 14 Youth conservation club have been established and are supporting co-management of the Sundarbans.</li> <li>✓ A total of 21 PSF were repaired to provide improved water resources to local communities.</li> <li>✓ A total of 704 VCF members engaged in pond fish culture, and 668 members engaged in vegetable gardening to increase their household incomes.</li> <li>✓ Nishorgo Network co-management orientation programs were provided to two upazila-level governments.</li> <li>✓ Through the Interactive Peoples Theater program, 20,850 community people received messages about Sundarbans conservation, climate change and co-management activities.</li> <li>✓ LDF proposals were submitted to build capacity of CMCs and provide alternative income generating opportunities and improved water to community partners.</li> </ul>

### 3.5.3. CENTRAL CLUSTER:

Central cluster emphasized economic improvement for local communities engaged in conservation activities through the new AIG/VC framework. Also, VCFs created a Peoples' Forum for Rasulpur Range under Modhupur NP. A team from the World Bank and Department Fisheries visited Central Cluster sites, and expressed great interest in IPAC's approach to co-managed wetlands conservation and sustainable natural resources management.

The following table highlights the specific work of Central cluster.

IPAC cluster	Activities
Central Cluster	<ul style="list-style-type: none"> <li>✓ Peoples' Forum established and orientation conducted to Rasulpur and Dokhola..</li> <li>✓ A team from different international and national organizations including private company (Hatil) visited central cluster activities.</li> <li>✓ RMO and FRUG meetings continued in wetland sites.</li> <li>✓ 21 community consultation meetings organized in Bhawal National park, Kongsho-Malizee and Turag Bongshi sites.</li> <li>✓ 450 VCF members were selected as AIGA participants from different villages.</li> </ul>

#### 3.5.4. CHT CLUSTER:

During the quarter, IPAC initiated work in Sitakunda Eco-Park through consultation with Forest Department personnel and site assessment through PRA/RRA. The co-management processes has been accelerated in DDWS by forming Peoples' Forum and providing nursery development training to local community members. The cluster also continued its effort to orient Upazilla Officers about Nishorgo Network and co-management conservation activities.

The following table highlights the specific work of CHT cluster.

IPAC cluster	Activities
CHT Cluster	<ul style="list-style-type: none"> <li>✓ Site-level assessment through PRA completed and draft report submitted.</li> <li>✓ A total 55 Village Conservation Forum (VCF), 3 Peoples' Forum and 10 CPG are currently active in CHT.</li> <li>✓ Peoples Forum formed in DDWS.</li> <li>✓ Kaptai Upazilla orientation completed.</li> <li>✓ A total of 900 VCF were selected for AIG activities according to new framework. LDF proposal also submitted.</li> <li>✓ New Secretary, Environment and Forests Ministry and CCF visited Kaptai CMC and producers group.</li> </ul>

#### 3.5.5. SYLHET CLUSTER:

During the past quarter, Sylhet Cluster concentrated to manage visitors in LNP and SNP as number of visitors has increased significantly. LNP itself hosted 40,797 visitors during the last Quarter. Honorable Minister, Environment and Forest inaugurated Satchari Nature Interpretation center. Members of Planning commission, Group of MPs and PATC delegate visited and appreciated the co management approach which are being practiced.

The following table highlights the specific work of Sylhet cluster.

IPAC cluster	Activities
Sylhet Cluster	<ul style="list-style-type: none"> <li>✓ Entry fees collection and tourist management are going on smoothly in Lawachara NP. From November 2009 through February 2011, 140,465 guests have visited LNP and an amount of Tk.3,059,440 has been earned as revenue from entry fees and parking tickets.</li> <li>✓ A number of VIPs visited LNP, including Minister of MOEF, MP's, CCF, DG-DoF, Planning Commission members, and OIG Audit Team.</li> <li>✓ Entry fees collection and tourist management are going on smoothly in Satchari NP. From November 2009 through February 2011, 50,771 guests have visited SNP and an amount of Tk. 888,225 has been earned as revenue from entry fees and parking tickets.</li> <li>✓ A bird census was conducted by bird club and IPAC staff in Hail Haor.</li> </ul>

### 3.5.6. IPAC AIG/VC ACTIVITIES

IPAC AIG/VC activities continued to ramp-up in pace and impact over the Quarter. Besides on-going AIG/VC work, the newly-introduced conservation-linked enterprise development framework has enabled IPAC to more effectively support and be supported by the co-management platform and thus more effectively target development assistance. This framework is currently being implemented in 20 PAs through 150 VCFs, and targets 4,500 beneficiary households. Over the past Quarter, progress includes:

1. AIG/VC development and implementation plans have been prepared with IPAC partners at the Cluster, PA and site-based level
2. 150 VCFs targeting 4,500 households have been identified as AIG/VC partners, and are being facilitated by 150 Nishorgo Sahayak (NS) community facilitators
3. Nishorgo Sahayak facilitator training resources have been developed and training ahs taken place, preparing a strong base for AIG/VC development
4. 150 VCF Conservation-linked Development Action Plans have been prepared
5. A database has been established to monitor progress and measure the impact of this work
6. Costing and budget guidelines have been prepared for agriculture and fisheries activities.

## AIG/VC Progress this Quarter

Improved Cooking Stoves	<ul style="list-style-type: none"> <li>✓ 265 Improved Cooking Stoves (ICS) were installed through 7 CMOs this past Quarter</li> </ul>
Eco Tourism Development	<ul style="list-style-type: none"> <li>✓ 5 MOUs were signed with local entrepreneurs to support the development of eco-cottages in Nishorgo Network PA landscapes. One is already under construction.</li> <li>✓ 34 youths from Sundarbans Impact Zone communities were trained as eco guides, with links made between the new guides and both commercial tourism operators and Forest Department field staff.</li> <li>✓ A Khadimnagar trail brochure was produced and distributed to eco guides, tour operators and Forest Department staff to encourage eco-friendly tourism and hiking in this PA. BDT 1,179,100 was collected as visitor fees in 5 Protected Areas this past Quarter.</li> </ul>
Aquaculture & Fisheries	<ul style="list-style-type: none"> <li>✓ During this Quarter, IPAC field partners started to harvest and sell fish. Central Cluster fish farmers sold BDT 547,995 of harvested fish. In addition, 1222 participants are commencing aquaculture and fisheries activities through the on-going AIG/VC ramp-up. A chapter in fisheries value chain development has been included in WorldFish Center's floodplains fisheries training module.</li> </ul>
Agricultural Development	<ul style="list-style-type: none"> <li>✓ More than 1000 households participated in vegetable gardening and climate change adaptation activities with IPAC this Quarter</li> </ul>
Bamboo Handicraft & Weaving Value Chain Updates	<ul style="list-style-type: none"> <li>✓ The Dolubari Weaving Group continues to work with Arong on producing orders. This Quarter, the group produced and submitted samples based on Arong designs.</li> <li>✓ The Madhupur Bamboo Craft Development Group produced and sold BDT 177,000 to various craft shops over the Quarter. A number of UK-based designers and buyers, facilitated by KATALYST, visited both groups and are likely to place additional orders in the near future.</li> </ul>

# 4. PROJECT MANAGEMENT

## 4.1. ADMINISTRATION AND FINANCE

This Quarter, the Administration and Finance team provided continued support to ensure smooth implementation of the IPAC project. Additionally, significant efforts were given to support the OIG performance audit. Some highlights of the Quarter include the following:

**DPP Update:** The Revised Annual Development Plan (RADP) for IPAC was submitted by the Forest Department (FD) to the Planning Commission (PC). The stalemate situation on RPA fund availability continues to be of concern for all concerned agencies. IPAC extended support in obtaining various communications between government agencies in order to assess the current state of the RPA fund allocated under IPAC and played a proactive role in getting replies from the MoEF and MoFL to the ERD. The letters from the USAID Mission, MoEF and MoFL to ERD regarding reallocating the RPA fund to the original three GOB agencies would play important role to bring this matter to a convincing end. The FD, in particular, became keen to proceed with the maintenance of old plantations and new plantation works and other infrastructure works under the IPAC-RPA funding that resulted by RADP submission.

The Department of Fisheries (DoF) DPP is still with the Planning Commission as of the end of the reporting quarter as the Planning Commission is waiting for an ERD vetting on USAID grant contribution. Besides this, all queries raised by the PC on the DOF-DPP have been met. DOF is continuously pursuing the matter.

The last comments of the PC on the Department of Environment (DoE) DPP have been prepared and accordingly, the DPP recast has been completed. The recast DPP is scheduled for submission to the MoEF within February 2011. Both, DOE and MoEF have expressed concern about RPA funding. DOE appears hopeful to see the DPP approved by March 2011.

**IPAC Sub-contracts:** During this Quarter, modification of subcontract agreements has been completed. The formal closure of the CIPD sub-contract and new sub-contract with Jahangirnagar University (JU) in collaboration with the Independent University, Bangladesh (IUB) has been completed. Annual audits of all existing subcontractors have been done and draft signed and final audit reports are expected in early next quarter. Additionally, IRG has started reviewing the budgets of all its partner organizations in light of their present and future roles and responsibilities in IPAC. This important exercise is being carried out for assessing the actual funding requirements of each partners through the project end and efficient redistribution of resources from partners with excess budgets to those having deficits. An initial orientation has been provided to the Jahangirnagar University in relation to the subcontracting requirements starting from opening bank account down to reporting and proper invoicing requirements.

**IPAC Staffing:** Continued attention was given to ensuring full staffing across the IPAC project. A significant staffing change includes the departure of the Sylhet Cluster Director and his replacement by a long-time CNRS senior manager. This includes a significant transition process that should minimize any disruption in IPAC activities. Annual performance evaluations of majority IPAC staffs were completed and corresponding salary adjustments implemented during the Quarter. Employment contracts of many IRG employees both, technical and administrative have expired. Extensions of those contracts have been made based on their future roles and needs to the project. The settlement of the new COP has been further consolidated. The National Board of Revenue (NBR) has approved issuance of a privileged passbook for the COP and it has been received from the customs authority.

**Quality Control:** IPAC continued to submit the periodic administrative and financial reports to USAID on time. This included financial projections and accruals, passbook related information etc. Monthly VAT reports were submitted on time. The next quarterly financial progress report and the Annual Tax Report will

be duly submitted to the mission in next quarter. The subcontractors audit reports for Project Year 2 will be made available to them and the IRG accounts department will take measures for corrective actions as they are reflected in the reports for each subcontractors.

**Some Significant Administrative and Finance Works:** A significant amount of administrative time and effort was dedicated to a number of activities as enumerated below:

- ✓ Significant time and effort was dedicated towards the preparatory works for OIG audit recently concluded. They entail review, reorganize and ensure all approvals are in place, files and documents up-to-date, and are made ready to produce to the auditors when asked for. Special attention and guidance have been provided from the IPAC Dhaka office to the field –level offices in order to ensure that records are updated and made ready for the auditors.
- ✓ IPAC extended a significant support in recasting the DOE-DPP. As the Planning Commission (PC) has shortened the project period (in the DPP) to three years, all financial tables in the DPP needed to be revised. Additionally, support has been provided in preparing responses to the various queries raised in the Special Project Evaluation Committee (SPEC) on the DPP. In order to ensure retention of the RPA fund for the three government agencies originally proposed, IPAC very closely worked with the MoEF in preparing a reply in response to ERD's letter to the MoEF. The said letter was eventually sent to ERD under signature of the Secretary, MoEF. Similar support was provided to the DOF.
- ✓ A need for revision to the FD-DPP has emerged. This is prompted by the inclusion of Dudpukuria-Dhopachari Wildlife Sanctuary (DDWS) as a new IPAC site and deletion of the decision of termination of Publakhali from the original project sites. Additionally, reduction in DPA money in the FD-DPP as decided by the Planning Commission is also an important reason requiring revision and the work is likely to go underway in early next quarter.
- ✓ IPAC supported two important overseas trips for the GOB officials; one relating to the presentation of research documents at Hyderabad, India that evolved from the first IPAC Applied Research Fellowship Program, and the other was sending participants for receiving training on Remote Sensing and Geographic Information System (GIS) at Indian Institute of Remote Sensing (IIRS), Dehradun, India.
- ✓ A number of computers and the server have been transferred from the former NSP project. Many of them are over 7-8 years old and have become either nonfunctional or beyond economic repairs. Initiative has been taken for their gradual replacement and bids have been invited in this quarter while their procurements planned to happen in the next quarter. The increase in IRG core staffs has necessitated increase in operational supports of varied nature. They encompass additional furniture and fixture, upgraded software, new intercom and networking connections, easy access to printing facility, and support to increased field trips.
- ✓ Support and assistance have been continued to the communications team with respect to the printing of various communications materials and logistics for outside events and fairs that took place during the quarter. Various display materials, stalls have been arranged for these events including providing support to the participants coming from outside Dhaka.
- ✓ Efforts have been extended towards the execution process of the Landscape Development Fund (LDF) at project sites. Tasks included assisting the Grants Specialist in organizing the Grant Review Committee (GRC) meeting, developing contracts with CMOs for grants, reporting requirements. IPAC is prepared to disburse grants upon receipt of USAID approval and the process will get underway in early next quarter.

## 4.2. PERFORMANCE MONITORING

**Revision of Performance Monitoring Plan:** IPAC submitted a revised PMP to USAID on January 11, 2011 for approval. This initiative strengthened PMP targets for 2011 forward, as well as improved indicator reference sheets based on Operation Plan (OP) definitions and gender disaggregated data for the progress made till May 2010.

**Access Database for PMP:** With the help of World Fish Center, an MS access based database has been developed to streamline PMP data and field implementation is underway. During this quarter, demonstrations for cluster teams of Central, Sylhet and Khulna are organized. This will be extensively used from IPAC PY3Qrt4 onward in all the clusters for PMP reporting.

**Landscape mapping:** IPAC, in association with RIMS unit of Forest Department, is progressing with developing landscape mapping of MKNP, FKWS, HNP, Inani Reserve Forest, DDWS and Khadimnagar National Park based on recently procured IRS satellite imageries from India. Experts from RIMS unit, FD conducted field verification of geo-rectification of the imageries and unsupervised classification thereof at Cox's Bazar (at Fasiakhali WS, Medhakachapia NP, Himchari NP and Inani Reserve Forest, during December 22-28, 2010 and at Dudpukuria-Dhopachari WS during January 7-11, 2011. A GIS Associate, IPAC and Monitoring Specialist are providing necessary assistance to the RIMS experts, in this regard.

**Baseline for New AIGA/Value Chain Framework:** In association with IPAC AIG/VC team, a common platform for baseline of around 4500 households target beneficiaries was designed and baseline study is to be commenced through a sample survey by selected AIGA trades among all PAs. With the technical guidance from Dr. Paul Thompson, IPAC AIG/VC team and Monitoring team is assessing economic growth of targeted beneficiaries.

**Performance Audit by OIG, USAID:** A two-member audit team from Office of Inspector General, USAID, Manilla conducted a performance audit of IPAC project during Jan 23 – Feb 17, 2011. The visiting auditors focused on PMP indicator definitions, modalities of data acquisition and data flow, data disaggregation, source documentations, field visits and interaction with relevant stakeholders. Ten (10) PMP indicators were audited, including Indicator 2, 5, 6, 7, 10, 11, 12, 14, 19 and indicator 20. They also visited PA site-level activities in Sylhet and Southeastern clusters whereby Mr. Omar Sharif, PMARA and Mr. Shital Kumar Nath, PMARA demonstrated PMP data flow and record keeping protocol at cluster level. In a debriefing session on February 15, they expressed fairly satisfactory outcomes of the audit; however, they will submit an official report to USAID.

**Fish-Catch monitoring:** PMP team is progressing with fish catch and biodiversity monitoring in 16 wetland spots in four wetland systems of Sylhet, Central and Khulna clusters of IPAC. 14 community-level enumerators are working under the supervision of PMARAs and Wetlands Advisor of the WorldFish Center. The assessment covers weekly data collection on fish catch, gear use, and length frequency.

**Indicator bird monitoring:** IPAC sets indicator bird monitoring as a means to assess ecosystem health in forest landscapes. During the Quarter, Dr. Monirul H. Khan, JU finalized his report on 2nd year visit to 5 protected areas namely Fasiakhali WS, Medhakachapia NP, Modhupur NP, Khadimnagar NP and Kaptai NP and submitted on January 23, 2011. IPAC emphasizes on sustainability of this monitoring tool for assessing ecosystem health and planning to involve a range of local stakeholders, through training and demonstration, into the process along with expert supports. Further, IPAC supported Dr. Paul Thompson and Mr. Enam ul Haque from Bangladesh Bird Club conducted Asian Waterbird Census (AWC) in Hakaluki Haor and Hail Haor.

**PA Co-management Plan:** With a view to enhance CMOs capacity for developing long-term management plans for project PA sites, IPAC is developing participatory co-management plans with PA level stakeholders. Cluster PMP team members are active in this process under the guidance of Mr. A.K.M. Shamsuddin, Technical Coordinator (Forestry), IPAC.

**Forest Carbon finance initiatives in Bangladesh:** IPAC spearheads developing forest carbon project for Sundarbans Reserved Forests and other 6 PA sites including Teknaf WS, Inani Reserved forest, Medhakachapia NP, Fashiakhali WS, Dudpukuria-Dhopachari WS and Sitakunda Reserved Forests. IPAC PMP team is actively participating in field map development, ground data collection, data analysis, carbon pool assessment and development of the Project Development Document (PDD). Under the supervision of DCOP carbon stock assessment is progressing. IPAC is progressing for development of two bundle of REDD+ (DDWS, FKWS & MKNP) and A/R IFM (Sitakunda EP, Inani RF and Teknaf WS) projects will be developed.

**Land Use Change Trend Analysis of selected PA:** IPAC awarded (on 22 November, 2010) a contract to Center for Environmental and Geographic Information Services (CEGIS) for land use change and trend analysis in 7 PAs through application of Landsat imageries, as a part of carbon PDD. CEGIS completed the assignment and submitted a draft report on it; however, an evaluation field trip is requested by RIMS unit and it will take place in upcoming quarter. Based on this field visits and consultation with RIMS experts, CEGIS will finalize the report.

**Support to program implementation:** IPAC project's field monitoring team comprises of 4 Performance Monitoring and Applied Research Associates at cluster level and providing technical advices to the implementing teams with a focus to stakeholder capacity building, network building, promotion of conservation enterprises etc. PMP team member (PMARA) at Khulna, Mr. Kanailal Debnath is also assisting DCOP in developing integrated resources management plan (IRMP) for Sundarbans Reserved Forests, and conducted an assessment of homestead vegetable cultivation initiative of IPAC. Mr. Shital K. Nath, PMARA, Southeastern cluster completed assessment of bulk density and %organic carbon of forest soil in selected 6 PAs with Bangladesh Forest Research Institute (BFRI), Chittagong.

### 4.3. IMPLEMENTATION ISSUES

IPAC activities are moving forward at a robust pace, and there is an increased focus on long-term sustainability of IPAC's work. Sustainability is being achieved in terms of establishment of a policy framework that establishes co-management as Bangladesh's approach to protected area management. Ensuring sustainability at the field level is a grater challenge as IPAC strives to achieve impressive results during the life of the project while simultaneously building human resources and institutional capacity to sustain this into the future. Specific issues that will require focus and attention over the next Quarter include the following:

1. There is continued confusion about release of \$2.5 million of local currency financing to IPAC GoB partners from RPA sources for essential infrastructure as well as plantation establishment and maintenance work. IPAC GoB partners have requested clarification regarding the possible re-programming of RPA resources. This has stopped DPP-planned work during the current GoB fiscal year and is likely to put a strain on professional relationships. Related to this, while the FD DPP is approved, DoF and DoE still do not have approved DPPs.
2. IPAC continues to seek clarification from USAID regarding branding and marking for IPAC project-specific work versus Nishorgo Network advocacy and outreach work. IPAC suggests following standard USAID branding guidelines for project-specific materials including project and technical reports. IPAC suggests a branding waiver be prepared and approved for outreach and advocacy initiatives for the Nishorgo Network, the flagship brand of Bangladesh's integrated co-managed PA system spear-headed by IPAC.
3. IPAC requires additional time and resources to complete carbon financing reports for a bundled REDD and/or ARR projects for 7 other PAs. This Quarter, IPAC completed the Sundarbans carbon financing document, but the second document is still be developed. Time and resource

requirements required for this were initially under-estimated. Progress is being made, and high quality document should be completed late next Quarter.

4. Lease agreements for MACH wetlands sites are set to expire in March 2011. Despite IPAC's efforts with DoF and including a meeting with USAID and the Minister of Livestock & Fisheries, there appears to be continued reluctance on behalf of the Ministry of Land to extend these agreements.

#### **4.4. IMPLEMENTATION PRIORITIES FOR NEXT QUARTER**

Below are the main priorities for IPAC in the upcoming 4th Quarter of Program Year 3:

##### **Strategic Priorities for IPAC Team –3rd quarter**

Component I: Program Strategy and Policy, Conservation Financing and Communications

Program Strategy and Policy

- ✓ Consultation and further completion of national PA co-management strategy
- ✓ Consultation and finalization of the Sundarbans IRMP, Collaborative REDD+ Improved Forest Management (IFM) Sundarbans Project (CRISP) document, and user fee revenue sharing guidelines
- ✓ Facilitate policy reform for wetland leasing to better reflect ecological criteria and co-management for conservation principles
- ✓ Completion of 22 PA co-management plans
- ✓ Complete refresher training course for CPGs on revised CPG Joint Patrol guidelines
- ✓ Monitor on-going policy reform processes related to Forest Act and Wildlife Act
- ✓ Monitor MACH wetland lease extensions and wetlands co-management GO
- ✓ Complete forest carbon financing documents for IPAC 'bundled' or 'nested' sites

Communications and Constituency Building

- ✓ Screening of Nishorgo Network Documentary Screening
- ✓ Broadcasting of Nishorgo Network Song
- ✓ Development of IPAC flip charts for 5 cluster audiences
- ✓ Roundtable discussions and workshops with high level individuals working with climate change
- ✓ Development of further communication materials for field and national usage
- ✓ Rolling out the first step of Nishorgo Network campaign through cluster audience and national posters, through the documentary screening around the country and internationally
- ✓ Delivery of quick fact sheets on each of the 25 protected areas for official and tourism purposes
- ✓ Launching a Nishorgo Network Radio Show

#### Conservation Financing and Partnerships

- ✓ Work with CMCs and FD to ensure fair distribution of entrance fees and to expand entrance fee revenue sharing to new areas
- ✓ Ramp-up AIG/VC activities through new, scalable implementation framework
- ✓ Continue fundraising and commence construction for CONIC (Co-managed Nature Interpretation Centre) in Lawachara

#### Component II: Capacity Building

- ✓ Complete Certificate Course in Conservation Biology and PA Co-Management
- ✓ Complete field-level CPG training and local government co-management orientation programs
- ✓ Prepare and implement Open Water Fisheries Management Training, including development of training manual
- ✓ Continued support for CMO cross visits and AIG/VC training activities
- ✓ Follow-up international and regional training/cross-visit program to United States, India and Thailand

#### Component III: Site Specific Implementation

- ✓ Continued roll-out new AIG/VC framework through NS facilitators and VCFs to increase impact and scale of AIG/VC work
- ✓ Complete CPG joint patrol refresher training course emphasizing safety and security
- ✓ Complete of 22 PA Co-Management Plans
- ✓ Commence 8 LDF grant agreements
- ✓ On-going District and Upazilla co-management orientations

#### Administration and Finance

- ✓ Pursue final approval of all 3 DPPs and track RPA funding
- ✓ Proceed with implementation of LDF grants program
- ✓ Annual Work Plan development process focusing on sustainability

#### Performance Monitoring

- ✓ Orientation on the revised PMP and MS Access database to the cluster team and partners;
- ✓ Baseline studies for IPAC beneficiaries from new AIGA/Value chain framework, CMOs assessment and biophysical improvement of forests and wetland PA sites: setting the protocols;
- ✓ Follow-up landscape mapping for IPAC PA sites;
- ✓ Finalization of Forest LUS trend study by CEGIS;
- ✓ PA co-management plan development and identification of PA interface/landscape area;
- ✓ Follow up of Fish catch monitoring, indicator bird monitoring and forest growth monitoring
- ✓ Completion of Carbon PDD development for 6 forest PAs.

# 5. ANNEX I - ACTIVITY CALENDAR

## DEC-2010

Dec 1	Climate Awards ceremony-HSBC & the Daily Star - Bangabandhu International Conference Center
Dec 6	Inauguration of Training Program on “Governance for Sustainable Development” at CBCB, 24/C Asad Avenue, Mohammadpur, Dhaka sponsored by Strømme Foundation arranged by CODEC
Dec 7	Meeting with CCF, at FD regarding RPA budget
Dec 8	Meeting with Planning Commission to discuss DoF DPP Meeting with MR. A.Z.M. Manzoor Rashid (Pollen), Doctoral Research Fellow (Environmental Law), School of Law, University of Western Sydney, Sydney, Australia at IPAC Office
Dec 9	Discussion on Wildlife Farming Policy of Bangladesh Program schedule of YBA Conference 2010-Bandarban-Rangchari
Dec 15	Meeting with Deloit & consulting firm Meeting with CCF at FD to discuss Minister's visit to Satchuri National Park, Forestry Congress, IPAC Communication updates, Sundarbans Visit, IRMP and National PA Strategy presentation
Dec 19	Meeting with Secretary, MOEF regarding IPAC Strategy Meeting with Smiling Sun to explore possible health care services for Sharankhola community
Dec 20	Meeting with CCF on Nishorgo Network communications ramp-up
Dec 22	Presentation on IRMP and Nishorgo Network Strategy at FD
Dec 23	MOEF Hon’ble State Minister Dr. Hasan Mahmud inaugurated the Satchari National Park Nature Interpretation Center
Dec 25	CMC re-formed at Satchari NP, Hobigoni
Dec 27	Dokhola CMC formed in Modhupur NP

## JAN – 2011

- Jan 4 Meeting with USAID to discuss the IPAC audit
- Jan 5 Meeting with CNRS at IPAC to discuss field implementation challenges and opportunities
- Jan 6 Meeting with DOE on IPAC program consultation to discuss Nishorgo Network national PA strategy and program updates.
- Jan 9 Technical Coordination Meeting with Cluster Directors and Senior Staff at IPAC Office
- Jan 9-15 Attend 13th Biennial Conference of the International Association for the Study of the Commons (IASC), Hyderabad, India by 4 GOB officials
- Jan 10 Meeting with Farid, Arannyak Foundation at IPAC
- Jan 13 DCoP and Communication Specialist met with Alamgir Hossain to discuss America Week activities
- IPAC Stakeholders Dinner at Hotel Lakeshore
- Meeting with Ms. Rizwana Hasan - at BELA Office
- Jan 16 Meeting with IUB/JU at IPAC Office
- Meeting with CCF at FD Office
- Jan 17 Visit to CODEC Office at Chittagong
- Jan 19 Audit preparation meeting at USAID
- Jan 24-26 IPAC participated in America Week in Khulna. Besides a booth and other activities were interactive popular theater with a theme of co-management and the screening of Nishorgo Network documentary
- Jan 20 Meeting with Mr. Mots McDonald, SEALS Project at IPAC Office
- Jan 23-Feb 17 Visit by OIG Audit Team
- Meeting with Z. Karim regarding meeting with the Minister and Secretary - at Minister's room, MOFL
- Meeting with Mr. Jorge Enrique Nieto Rey, 1st Secretary, European Union at IPAC Office
- Jan 23-26 IPAC participation in America Week, in Khulna
- Jan 24 Meeting of OIG with all IPAC staff at IPAC Office
- Jan 25 IPAC and USAID met with Minister of Livestock & Fisheries and DG-DoF to discuss the National PA Strategy plan and Wetland Lease Extension at the Secretariat.
- Attended workshop on Integrated Fisheries Livelihoods Project: Invitation to an information-sharing and brainstorming at World Bank Dhaka Office

Jan 27 IPAC team met with CCF and PD at Forest Department to discuss about the regional training programs and Landscape Development Fund (LDF)  
Interviewed and selected Mr. Malay Kumar Sarker, CNRS as a Cluster Director, Sylhet

Jan 28 – Feb 6 Attendance in REDD seminar by Dr. Ram Sharma in Delhi

FEB-2011

Feb 1-3 CNN Visit to Chunoti with USAID and IPAC to capture co-management, CPG, AIG activities and wildlife in the area.

Feb 2-4 Visit Sylhet Cluster (Srimangal) by OIG Team  
World Wetland Day 2011 - Forests for Water and Wetlands organized by IUCN & MoEF-CIRDAP

Feb 2-8 Participated at the Global Development Village of the 7th National Cub Camporee with IPAC stall and representatives

Feb 5-8 Arrival of Jefferson Fox and visits for Carbon Writeshop book and future carbon Writeshop planning

Feb 6 Meeting with Daily Star

Feb 7 Meeting with Chemonics at IPAC Office

Feb 8 Meeting with CCF

Feb 8-10 Visit Southeastern Cluster by OIG Team

Feb 14 LDF G IPAC Capacity Building' meeting took place with MOEF and DOE officials.

Feb 13-19 Completed Training for 5 GOB Officials on Remote Sensing at IIRS, Dehra Dun, India  
Grants Review Committee meeting took place

Feb 15 IPAC completed a REDD+IFM PPD for Sundarbans, and circulated to GOB and USAID

Feb 23-26 Attended Gender & REDD workshop in Thailand

Feb 27 Opening of 3rd Batch – Certificate Biology and Applied Co-Management Training course at FTA, Savar on applied conservation biology and co-management focusing on Forests and wetlands. Will end on March 28, 2011

# 6. ANNEX 2 - IPAC REPORTS AND DELIVERABLES

Reports and deliverables prepared during the past quarter include:

- ✓ IPAC Third Year – Second Quarterly Progress Report, September 1, 2010 – November 30, 2010.
- ✓ IPAC Third Year – Second Quarterly Financial Report, September 1, 2010 – November 30, 2010.
- ✓ IPAC Performance Monitoring Plan, Second Edition. January, 2011.
- ✓ Nishorgo Network wall and desk calendars.
- ✓ Nishorgo Network souvenirs.
- ✓ Sundarbans Integrated Resources Management Plan (IRMP)
- ✓ Sundarbans Integrated Resources Management Plan (IRMP) Power Point presentation
- ✓ Collaborative REDD+ IFM Sundarbans (CRISP) report
- ✓ Sundarbans Carbon Financing Power Point presentation
- ✓ Nishorgo Network Integrated PA Co-Management Strategy & Action Plan Power Point presentation
- ✓ Nishorgo Network documentary promo
- ✓ Rural livelihoods and protected landscapes: Co-management in the wetlands and forests of Bangladesh book
- ✓ Sundarbans Conservation and Management of Fisheries Resources report.

# 7. ANNEX 3 – PERFORMANCE TARGETS AND ACHIEVEMENTS

**Table 1: Common Indicators of the US Foreign Assistance Framework for IPAC: Progress up to February 2011 (3rd quarter of 3rd year)**

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
1: Number of hectares under improved natural resource management as a result of USG assistance.	ha	201,500	716,500	256,500	2,009	7,952	2,962	Progress made so far is on track compare to PY3 target. Data inclusive of Indicator 2 (core PA) as well as interface areas brought under improved management.	214,423
2: Number of hectares in areas of biological significance under improved management as a result of USG assistance.	ha	147,553	600,000	170,000	1,729	7,700	2,950	Dokhola forest range under Modhupur National park brought under co-management and CMC formed in Dec/10.	156,982

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
3: Number of hectares of natural resources showing improved biophysical conditions as a result of USG assistance.	ha	3a. Landscape only-329;  3b. Core+ landscape -553	3a. Landscape only-2000;  3b. Core+ landscape -302,000	3a. Landscape only-1000;  3b. Core+ landscape -101000	3a. Landscape only-211.65;  3b. Core+ landscape - 280.45	3a. Landscape only-251.67;  3b. Core+ landscape - 252.25	3a. Landscape only-12.16;  3b. Core+ landscape - 12.16	Landscape areas with IPAC interventions (under pondfish culture, agroforestry and homestead gardening) made good progress. However, physical interventions in core PAs, included in the DPP, will add more area coverage. A substantial increase in the area showing improvements is expected from 2011 onwards through assessments.	3a. Landscape only-804.48;  3b. Core+ landscape - 1097.86
4: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance.	ha	224	300,000	100,000	69	0.58	0	Achievement is far below the target since it depends on assessments. At least one year of improved management is needed before biophysical condition may improve, so a substantial increase in the area showing improvements is expected during later years of the project.	294

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
								Baselines, in selected PA sites, are conducted through indicator bird monitoring, fish catch monitoring and forest inventories.	
5: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance.	Nos.	9	20	12	0	6	0	A number of policy process is underway; viz. i. revision of forest act 1927, ii. Revision of wildlife act, 1974, iii. Protected area rules 2010, iv. Tree conservation act 2011; v. revision of national forest policy, vi. Wetlands co-management guidelines, vii. <i>Jalmohal</i> management policy 2009.	15
6 Number of people with increased	Person	23,986 (F-11,644)	500,000	200,000	22,002 (F-10,681)	3,232 (F-1,569)	7840 (F-3806)	At this stage only the direct beneficiaries of support for economic activities in new	57,060 (F-27,699)

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.								co-management sites are reported. After verification of further economic benefits, the direct beneficiaries in sites supported by previous USG projects will be included.	
7: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	Person	8932	20,000	15,000	1,212	1,169 (F-473)	1,482 (F- 475)	Capacity building of local stakeholders, GOB personnel is in progress prioritizing conservation enterprise development supports and promotion of co-management in the PA landscape communities.	12,823 (F 4534)
8: Number of people with increased adaptive capacity to cope with impacts of climate variability and change as a result	Person	8a. Aware: 129,597, 8b. 0	8a. 200,000 8b. 70,000	8a. Aware: 100,000, 8b. 10,000	34,740	8a. aware: 11,661; 8b. Adapt: 0	8a. aware: 33,409; 8b. Adapt: 0	The data reported so far records people made aware of climate variability, change and adaptation options. In addition the number of people involved in adaptation measures (at individual and community	8a. aware: 174,667; 8b. Adapt: 0

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
of USG assistance.								level) will also be recorded from 2011 onwards when a substantial adaptation component for protected area landscape development starts.	
9: Quantity of greenhouse gas emissions, measured in metric tons Carbon, reduced or sequestered as a result of USG assistance (metric Ton C).	ton	29,875 t.	540,000	150,000 t.		-	0	This indicator does is not measured quarterly. Estimates of carbon sequestration for the considerable area expected to come under co-management in 2011 onward and will be enumerated in subsequent years.	29,875 t.
10. Number of people in target areas with access to improved drinking water supply as a result of USG assistance.	person	6,694; (F-3,250)	30,000	20,000	4,200; (F-2,039)	26,040; F-12,641)	29,908; (F-14,518)	Program target has been achieved. A substantial achievement took place in the southwest cluster through renovation of pond-sand-filters during this quarter.	66,842; (F-32,448)

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	10	9 (3+6+7+8)
11. Number of people receiving USG supported training in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills and techniques.	person	453	750	450	136	0	5; (F-4)	Cumulative target for PY3 has been achieved. New initiatives for trainings of environmental law, enforcement, strategies are being streamlined.	594; (F-103)
12. Number of people receiving USG supported training in GCC, inc. framework convention on climate change, greenhouse gas inventories, mitigation, and adaptation analysis.	person	378	100	50	18	0	5; (F-1)	Program target is achieved and development of carbon projects is progressing.	441; (F-51)

**Table 2: Custom Indicators of the US Foreign Assistance Framework for IPAC: Progress up to February 2011 (3rd quarter of 3rd year)**

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec'10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	9	10 (3+6+7+8)
<b>13:</b> Number of individuals benefiting from use of improved stove and bio-gas plants.	person	6,281; (3,049)	44,800	28,000	325; (F-158)	1,042; (F-506)	1,484; (F-720)	Achievement is below target and progressively growing with leverage supports from GIZ and other potential partners.	9,132; (F-4,433)
<b>14:</b> Market and non-market revenue generated from AIG, ecotourism and other economic activities in targeted sites.	USD	\$724,236	\$2,000,000	\$1,200,000	\$53,067	\$42,867	\$64,097	The potentially much larger benefits that flow once effective co-management is functioning and that derive from changes in fish catches, secondary tourism employment, carbon sequestration and other non-market benefits will be valued in 2011 onwards.	\$ 884,267
<b>15:</b> Increase in density of indicator bird species in wetland and forested landscape.	%	na	Forest >10% wetland >30%		-	-	-	Target is indicated to repeat the bird survey in the last year of the program whereby baseline is completed in 10 forest PAs and 3 wetlands.	na

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	9	10 (3+6+7+8)
<b>16:</b> Amount of leveraged financing for conservation.	USD	\$ 17.26 million	\$21.50 million	\$12.90 million	\$ 21,500	\$47,071	\$ 42,857	Target for program year 3 has been achieved. In this quarter, Aranyak Foundation signed MOU with 3 CMCs worth BDTk. 3,000,000 for 'livelihood support to forest conservation groups in co-managed protected forest areas'.	\$ 17.37 million
<b>17:</b> Number of individuals that are aware of a national Protected Areas network.	person	182,978; (F-54,893)	2,500,000	1,000,000	44,487; (F-13,346)	10,882; (F-3,433)	226,342; (F-67,903)	Achievement is below target; however, program target will be achieved through electronic & print media and spot-based awareness events coverage. Mass media coverage has been captured from this quarter.	464,689; (F- 139,407)
<b>18:</b> More active and decisive support of PA co-management by FD, DoE, DoF and Local Government.	%	na	100%	60%			0	Assessment of the CMOs functioning and capacity development will be done in 2011 onward to assess improvements in the institutional support provided by FD, DOE and DOF and shifts in their operating paradigm in favor of co-management and integrated conservation issues.	na
<b>19:</b> Number of communities with Co-management agreements.	Nos.	142	400	250	3	81	70	Program target has been achieved. PA concerned communities (villages) are counted which are covered by respective CMOs in co-management agreement.	VCF(forest) - 743

Common Indicators	Unit	Achievement through May'10	Program Target (2013)	Target (PY3-Jun'10 to May'11)	Achievement Yr3Qrt1 (Jun-Aug10)	Achievement Yr3Qrt2 (Sept-Nov10)	Achievement Yr3Qrt3 (Dec/10-Feb/11)	Comments for achievements (Year 3 Qrt 3)	Cumulative achievement (up to Feb/2011)
1	2	3	4	5	6	7	8	9	10 (3+6+7+8)
<b>20:</b> Number of training curriculums developed and trained modules designed and taught.	Nos.	10	20	10	1	-	1	Program year 3 target is achieved. A module on Open water Fisheries Resources Management is developed in Feb/2011. Further, modules on value chain-sectors, Community patrol groups are being developed	12
<b>21:</b> Number of recorded visitors to targeted PAs.	Person	252,525	1,000,000	500,000	22,707	39,882	62,552	Visitor records are mostly captured from LNP, SNP, RKWS, CWS, TWS and Sundarban east WS sites.	377,666
<b>22:</b> Number of GoB protected areas with improved performance	Nos.	na	45	25	1	-	0	Methods for assessing this indicator are being finalized now that it is relevant to make assessments.	na

# 8. ANNEX 4 – STATUS OF CMOS IN PA NETWORK

Status of Co-management Organizations (CMO) in Nishorgo Network of protected forests and wetlands, February 2011

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
Sylhet Cluster							
Lawachara NP	Moulavibazar	Forest Protected Area	1250	23,000	CMC	Formed 10.09.2005 Re-elected 08.03.09	<ul style="list-style-type: none"> <li>The editing of PA Co-management plan (part-1 &amp; part-2) is in progress.</li> <li>Four HAs of plantation under newly approved Social Forestry Rule raised at LNP growing well. Participants also growing vegetables in the plantation area as per agro-forestry approach for their own consumption &amp; also for sale. So far they earned tk.4,000/- by selling vegetables.</li> <li>Entry fees collection and tourist management are going on smoothly. Mentioned may be made that from Nov/09 up to Feb/11 140,465 no. of visitors visited LNP &amp; an amount of Tk.3,059,440/- earned as revenue from entry fees &amp; parking.</li> <li>Based on the design provided by Arong, Dolubari weaving group submitted their samples for approval and final order.</li> <li>MOU signed between IPAC &amp; Mr. Shidul Haq (VCF member) at LNP for development of third eco-cottage of the area &amp; work is in progress.</li> <li>Arannayk Foundation (AF) has disbursed funds to CMC's of LNP, SNP &amp; RKWS as</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<p>per their work plan. Beneficiary selection is in process, planting area demarcated by FD.</p> <ul style="list-style-type: none"> <li>• AIGA activities for selected VCF's are in progress.</li> <li>• Fourth group of 100 Imams hiked in a one hour trail at LNP on 10 January 2011. CMC members' briefed Co-Management approach and Nishorgo network related issues to them before the start of trail hiking.</li> <li>• CMOs are holding their scheduled meeting almost regularly and receiving visitors from different organizations.</li> <li>• Regular VIP visits going on. Among the VIP's, Minister of MOEF, MP's, CCF, DG-Dof, Members-Planning commission, OIG Performance Audit team, etc.</li> <li>• Regular interaction of CMO's with concerned Govt. organizations &amp; stakeholders going on.</li> <li>• Re-orientation training for CPG members started in groups.</li> </ul>
Satchari NP	Hobigonj	Forest Protected Area	243	17,000	CMC	<p>Formed 24.09.2005</p> <p>Re-elected 08.03.09</p>	<ul style="list-style-type: none"> <li>• PA Co-management plan (part-1 &amp; part-2) Scrutinized &amp; send back for revision.</li> <li>• One batch (SNP) of 9 women completed two weeks long weaving training.</li> <li>• Nature interpretation Center Inaugurated by the Minister of MOEF on 23 Dec. 2010.</li> <li>• Entry fees collection and tourist management are going on smoothly. From Nov/09 up to Feb/11 50771 no. of visitors visited SNP &amp; an amount of Tk. 888,225/- earned as revenue.</li> <li>• AIGA activities are in progress.</li> <li>• Monthly CMC meeting. Monthly CPG</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<p>meeting, CPG Coordination Meeting, Eco-Tour Guide meeting, VCF meeting and Youth club meeting held regularly.</p> <ul style="list-style-type: none"> <li>• Members of Planning commission, Group of MPs and PATC delegate visited and appreciated the co management approach which are being practiced.</li> <li>• 61 families installed Improved Cooking Stoves (ICS) for reduced use of fuel woods.</li> </ul>
Rema kalenga Wildlife Sanctuary	Hobigonj	Forest Protected Area	1795	23,000	CMC	<p>Formed 25.09.2005</p> <p>Re-elected 08.03.09</p>	<ul style="list-style-type: none"> <li>• Draft Co management Plan prepared and shared with stakeholders.</li> <li>• Four CPG groups reformed.</li> <li>• Conducted regular CMC, CPG, eco-tour guide and youth club meetings.</li> <li>• Awareness meeting at different levels held regularly.</li> <li>• Monthly CMC, CPG, eco-tour guide, VCF and Youth club meetings held regularly.</li> <li>• 23 Improved Cooking Stoves (ICS) installed.</li> <li>• Quarterly meeting with DFO (FD) and CMC office bearers held.</li> </ul>
Hail Haor		Wetland	13500	160,000	Eight RMO	See below	<ul style="list-style-type: none"> <li>• Monthly meetings of 8 RMOs and 05 FRUGs at Hail Haor conducted regularly. Participants are committed to conserve the natural resources.</li> <li>• School awareness program on going.</li> <li>• 33 Improved Cooking Stoves (ICS) installed.</li> <li>• Bird census conducted by bird club &amp; IPAC staff at field level has given full co-operation in this activity.</li> </ul>
					Sananda RMO	Formed 20.11.2000	

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
					Balla RMO	Formed 20.12.2000	
					Dumuria RMO	Formed 12.12.2000	
					Baro Ganggina RMO	Formed 24.01.2002	
					Jethua RMO	Formed 16.11.2000	
					Kajura RMO	Formed 22.02.2001	
					Agari RMO	Formed 28.03.2001	
					Ramedia RMO	Formed 14.10.2003	
Hakaluki Haor	Moulavibazar and Sylhet	Wetland/ECA	18383	190,000	11 Union Committee and 4 Upazila Committee	CBOs formed with support of CWBMP in 2008-2009	<ul style="list-style-type: none"> <li>Regular VCG meeting, data collection on beels for sanctuary establishment going on regularly.</li> <li>Bird census conducted by bird club &amp; IPAC has given full co-operation in this activity.</li> <li>Wetland day, 2011 observed in a befitting manner</li> <li>Rare 'White wings duck' seen here for the first time.</li> <li>ALGA support has provided to selected beneficiaries for homestead vegetable gardening.</li> </ul>
Khadim Nagar	Sylhet	Forest protected area	679	4,000	CMC	Formed 19.10.2009	<ul style="list-style-type: none"> <li>Quarterly meeting with DFO &amp; CMC office bearers held.</li> <li>A sheering meeting with local media personnel's and representatives of civil society at Sylhet press club held on 24 Feb. 2011.</li> <li>20 members IPT group has reformed to ensure better performance.</li> <li>Monthly CMC, CPG, Eco-Tour Guide, VCF and Youth club meetings held regularly.</li> <li>04 improved Cooking Stoves (ICS) installed.</li> </ul>

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							<ul style="list-style-type: none"> <li>Proposal for Mushroom cultivation under LDF submitted by CMC to IPAC is approved.</li> </ul>
Tanguar Haor	Sunamgonj	Wetland/ECA	9727	56,000	4 Union General Body and 1 management Committee	CBOs formed with support of IUCN / CNRS in 2009	<ul style="list-style-type: none"> <li>Village, Union &amp; Central Co-management Committee meetings regularly held in presence of IPAC staff.</li> <li>AIGA support has provided to selected beneficiaries for homestead vegetable gardening</li> <li>10 Village Conservation Committee (VCC) meetings organized at TH site &amp; 135 participants were present (M-103 &amp; F-32). The meeting discussed about Social Capital Management (SCM), biodiversity conservation, ICS, climate change, etc.</li> <li>Co management plan scrutinized and send back to the field for revision.</li> </ul>
Central Cluster							
Modhupur NP	Tangail and Mymensing	Forest protected Area	8,436	40,000	Dokhola CMC	Formed in 23rd January. 2010	<ul style="list-style-type: none"> <li>PF formation for Rosulpur rang has been completed. 2 PF orientation programs have been completed in this Quarter at Dokhola &amp; Rosulpur rang</li> <li>School awareness program undertaken at MNP site.</li> <li>450 participants for Special AIGA activities &amp; their trade have been selected. Providing input support has started &amp; will be completed by March, 2011</li> <li>1 batch of 10 participants was provided with weaving training at KM site.</li> <li>39 Community consultation meetings held at all site levels.</li> <li>A new group of 20 HH (M-4, F-16) of bamboo producers was identified.</li> <li>5 HH for sewing training is also identified.</li> </ul>

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					Rasulpur CMC	To be formed	
Bhawal NP	Gazipur	Forest protected Area	5,022	100,000	CMC	To be formed	<ul style="list-style-type: none"> <li>10 community level meetings have been conducted in this quarter.</li> <li>3 school awareness programs were done.</li> <li>Selection of 150 special AIGA participants &amp; their respective trade have been completed. Providing input support has started &amp; will be completed by March, 2011.</li> <li>79 VCWF follow up meeting have been completed by NS in this quarter</li> <li>Awareness program against forest fire &amp; conservation of Bio-diversity is done.</li> <li>3 Eco tour meetings were conducted</li> </ul>
Turag- Bongshi	Gazipur andTangail	River basin	10,000	300,000	Four RMO, see below	See below	<ul style="list-style-type: none"> <li>A total of 57 HH are involved in homestead vegetables cultivation &amp; they earned tk.1, 18,113.00.</li> <li>48 participants received micro credit from FRUG of tk 6, 61,000/- at TB site.</li> <li>2 RMO coordination meetings have been conducted in TB &amp; KM site</li> <li>4 RMO EC meeting have been conducted in TB site.</li> <li>Turag and Mokosh RMO started installation of ICS. So far they have installed 255 ICS.</li> <li>178 participants earned tk.72000/- by selling fish.</li> <li>5 participants earned tk.5900/- from tailoring</li> </ul>
					Mokesh Beal RMO	RMO- late-Jan 2000 FRUG- 26 May 2004	
					Turag River RMO	RMO- early-Feb 2000 FRUG- 27 May 2004	

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					Halua Beal RMO	RMO- mid-Apr 2000 FRUG- 15 May 2004	
					Goalia River RMO	RMO- early-May 2004	
Kongsha Malijee	Sherpur	River basin	8,000	600,000	Five RMO, see below		
					Takimari Dhara Basia Beal RMO	RMO-16 May 2001 FRUG-8 Apr 2004	
					Doli Baila Beal RMO	RMO- 19.04.2001 FRUG 08.06.2004	
					Bailsa Beal RMO	RMO- 19 Apr 2001 FRUG- 8 Jun 2004	
					Keota Beal RMO	RMO- 10 Feb 2001 FRUG- 27 May 2004	
					Aura Baura RMO & Aura Baura FRUG	RMO- 8 Feb 2010 FRUG- 10 Jun 2004	
CHT Cluster							
Pablakhali Wildlife Sanctuary	Rangamati Hill district	Forest Protected area	42,087	70,000	CMC		<ul style="list-style-type: none"> <li>It is dropped from DPP</li> </ul>
Kaptai NP	Rangamati Hill district	Forest Protected area	5,464	70,000	Two CMC see below		<ul style="list-style-type: none"> <li>Orientation program for Kaptai Upazila officers held.</li> <li>CPG member orientation held where 102 members participated.</li> <li>Hiking program organized where 29 Forest Conservation Club members, Eco-Tour Guides and Journalists</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<ul style="list-style-type: none"> <li>participated.</li> <li>CMC meetings held on regularly.</li> <li>Secretary, Environment and Forest and CCF visited Kaptai CMC and its activities.</li> <li>20 VCF meetings held on Kaptai and Karnafully CMC and total participants 465 (Female-256, Male-269) attended in the meeting.</li> </ul>
					Kaptai Range CMC	Formed 23.08.2009	
					Karnafuli Range CMC	Formed 23.08.2009	
Dudpukuria and Dhopachari Wildlife sanctuary			4716.57	40,000	Dudpukuria Range	To be formed	<ul style="list-style-type: none"> <li>9 VCF and one People's Forum formed and total member are 460 (Male: 412, Female: 48)</li> <li>Nursery Farmers training completed and necessary input support provided.</li> <li>10 VCF groups with 291 members have been selected for AIGA – value chain with 4 categories (agriculture, fisheries, Agro forestry and Bamboo product).</li> <li>Awareness raising meeting held and VCF and youth club members, School teacher and other local people attended</li> <li>Facts sheets have been sent to concern DFO, RO, and BO on regular basis.</li> </ul>
Sitakunda Eco-Park	Chittagong	Eco Park	808		Indirect Site		<ul style="list-style-type: none"> <li>Information Collection completed about CBOs/ NGOs/ Financial Institutions along with their activities</li> <li>Information collected on Brick Field owner in different villages/ communities adjacent to Sitakunda Eco-Park</li> <li>HH Interview for PRA Report prepared.</li> <li>KY Interview for PRA Report prepared.</li> <li>Draft PRA report Completed.</li> </ul>
Southeast Cluster							

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
Inani National Park	Cox's Bazar	Forest Protected area	7,700	8,000	CMC	Formed 20.10.2010	<ul style="list-style-type: none"> <li>• CMC formed under the supervision of Arannyak Foundation.</li> <li>• Drawing competition organized for school students.</li> <li>• Total 45 Improved Cooking Stoves installed INP site.</li> <li>• Nursery Farmer Development Training held.</li> <li>• 79 SH Seedlings distributed to 79 Household for seasonal vegetable gardening.</li> </ul>
Himchari National Park	Cox's Bazar	Forest Protected area	1,729	10,000	Himchari National Park CMC	Formed 07.07.2010	<ul style="list-style-type: none"> <li>• Seasonal vegetable seedlings distributed to 355 Households under 18 villages.</li> <li>• 2 CMC member visited Lowarchara National park and Hail haor for gathering experiences.</li> <li>• CMC observed Victory day 2010 with full respect to Martyrs of Independent War in 1971.</li> <li>• Total 70 (Male 2, Female 68) Stakeholders H participated in Bamboo and Cane made product development Training.</li> <li>• Nishorgo Network Orientation Session with GOB Officials at Cox's Bazar Sadar Upzila held.</li> <li>• CMC submitted memorandum to Deputy Commissioner at Cox's Bazar. to save Himchari National Park from any destruction by illegal persons.</li> <li>• Protected Area Co-management plan submitted after editing.</li> <li>• CCF met with CMC members and discussed several issues on Himchari national park.</li> <li>• Skill development training for nursery farmer held.</li> <li>• 66 VCF meeting conduct by Nishorgo Shahayak.</li> <li>• Drawing Competition organized for</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<ul style="list-style-type: none"> <li>school Students.</li> <li>CMC meetings are held regularly.</li> <li>PA signs are installed in entry point of park.</li> <li>Dust bin posted in HNP.</li> <li>Followed up and participated in different meetings of VCG and VFDG.</li> <li>Awareness meeting held to use improved cooking stoves for saving fuel woods.</li> </ul>
Teknaf Peninsula ECA	Cox's Bazar	Ecologically Critical Area	10,465	130,000		CBOs organized with support of CWBMP in 2008-2009	<ul style="list-style-type: none"> <li>VCG meeting held in different villages and attended by FO.</li> <li>Beach cleaning program organized and dust bin established.</li> <li>VFDG meeting attend by FO.</li> </ul>
Teknaf Game Reserve (TGR)	Cox's Bazar	Forest Protected area	11,615	115,000	CMC - Teknaf Range and Registered from SWF	Formed 06.08.2006	<ul style="list-style-type: none"> <li>CMC, CPG, People Forum executive committee and Village conservation forum meetings were held regularly.</li> <li>A forest conservation club meeting held total 38(M-32, F-06) attended the meeting.</li> <li>Awareness meeting, miking were conducted to aware the local communities for natural resources as well as biodiversity conservation</li> <li>An eco- rickshaw puller orientation was organized and 30 rickshaw pullers participated.</li> </ul>

- 75 students (M-53 and F-22) visited nature park under The USAID outreach program
- 03 CMC members (M-02 and F-01) participated in exposure visit at Sreemongal.

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<p>Nature Park and were oriented about ongoing conservation activities.</p> <ul style="list-style-type: none"> <li>• Rajshahi Forestry School students oriented on conservation activities.</li> <li>• Till initiation total 73,745/- revenue collected from entry fee of Teknaf Nature Park and a total of 10,095 /- revenue collected from the student dormitory.</li> <li>• 15 ICS were installed in Teknaf.</li> <li>• 150 CPG members were given seasonal vegetable seeds as AIG supports.</li> <li>•</li> </ul>
					CMC - Whykong Range and Registered from SWF	Formed 29.08.2005	<ul style="list-style-type: none"> <li>• Whykong co-management council was reformed according to new Government Order.</li> <li>• CMC, CPG and Village conservation forum (VCF) meetings were held regularly. Here it is to be noted that VCF meetings are conducted by newly trained Nisorgo Sahayok.</li> <li>• People Forum general meeting held where 49(M-29 and F-20) participated the meeting.</li> <li>• Awareness program through miking held to aware the local communities for the conservation of nature and natural resources. Awareness program was also organized for madrasa students.</li> <li>• A drawing competition on nature was organized where 100 competitors participated. A quiz competition on biodiversity conservation was also organized for school students.</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							generating activities after receiving inputs.
					CMC- Shilkhali Range and Registered from SWF	Formed 27.09.2006 Re-structured as per new GO 18.08.2010	<ul style="list-style-type: none"> <li>• CMC, CPG, People Forum executive committee and Village conservation forum meetings (VCF) meetings were held regularly. Newly trained Nishorgo Sahayak conducted 35 VCF meetings.</li> <li>• Meeting held to form a forest conservation club. Total 19 youths attended the meeting.</li> <li>• To aware local community and school students for natural resource as well as biodiversity conservation miking program, drawing competition and spot based awareness programs held.</li> <li>• 03 CMC members (M-02 and F-01) participated in exposure visit at Sreemongal and the president, vice-president, member secretary and treasurer participated in view exchange meeting with the CCF at Cox's Bazar.</li> <li>• 150 VCF members started to work on income generating activities after receiving seasonal vegetable seeds as AIG supports.</li> </ul>
Medhakachapia National Park	Cox's Bazar	Forest Protected area	396	20,000	CMC – Fhulchari Range	Formed 17.11.2009	<ul style="list-style-type: none"> <li>• CMC, CPG and VCF meetings are held regularly where decisions have been taken for better PA management.</li> <li>• Protected Area co-management Plan finalized.</li> <li>• Upazilla officials' orientation on Nishorgo network organized in Chakaria Upazilla.</li> <li>• 3 CMCmembers visited Srimongal to learn the experience of LNP and baikka Beel.</li> <li>• Drawing Competition 100 students from 5 schools participated in a drawing competition which was organized to aware them on Bio-Diversity</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<p>conservation.</p> <ul style="list-style-type: none"> <li>• Office of the Inspector General (OIG) Audit team visited and discussed with different producers about their livelihood.</li> <li>• 21 CPG member started AIGA after receiving Double crops Vegetable Seedlings.</li> <li>• Awareness through Miking organized to aware local community about bad effect of forest fire, hunting, illicit felling and encroachment.</li> <li>• Trail mapping by GPS at East Garjantali under Medakachaphia Natinal park completed.</li> <li>• To orient the CPG members regarding their duties, responsibility and security an orientation conducted.</li> <li>• One madrasa is able to provide pure drinking water to it's students after receiving Water Facilities Development support.</li> </ul>
Fasiakhali Wildlife Sanctuary	Cox's Bazar	Forest Protected area	1,302	50,000	CMC – Fhulchari Range	Formed 23.12.2009	<ul style="list-style-type: none"> <li>• 32 to women VCF members speed up their AIGA after receiving cap sewing training &amp; Input support.</li> <li>• Double crops Vegetable Seedlings received by 42 CPG member and started their AIGA activities.</li> <li>• Cross visit to Sreemongol by CMC members, participation in consultative workshop and expressed opinion about CMC activities by CMCCPG and VCF member to OIG team held accordingly.</li> <li>• Orientation on Joint Patrolling to CPG members held and they understood about their duties, responsibility, security and risk.</li> <li>• Regular CMC, CPG and VCFs meeting are held and various decisions have been taken to manage the NP.</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<ul style="list-style-type: none"> <li>As part of awareness drawing competition organized for school students.</li> <li>The process of selecting 300 VCF members from 10 villages is going on for AIGA activities.</li> </ul>
Chunati Wildlife Sanctuary	Cox's Bazar and Chittagong	Forest Protected area	7,764	47,284	CMC –Chunati Range and Registered from SWF	Formed 24.08.2005  Re-structured as per new GO 27.07.2010	<ul style="list-style-type: none"> <li>21 women received skill development training on Boutique for improving their livelihood opportunity.</li> <li>Lohagora Upazila Officers orientation took place where participants received information about Nishorgo Network.</li> <li>CNN covered CMC activities through its story "Sharee Squad protecting the wild life sanctuary" and broadcasted on 7th March under the program Eco-Solutions.</li> <li>CPG member orientation on duties, responsibilities, risk and security started and 50 CPG members received new uniform. One women CPG group organized comprising 21 members from VCFs.</li> <li>Awareness program for local community through miking against illicit felling, illegal forest fire and hunting organized and 100 school students participated in an art competition on bio-diversity conservation.</li> <li>As part of training 3 CMC member visited Sreemongol and learned experience form them.</li> <li>CMC, CPG, VCF, Forest Conservation clubs meeting are held regularly and discussed various issues on conservation.</li> </ul>
	-do-	Forest Protected area			CMC – Jaldi/Puichari Range	Formed 10.08.2006  Re-structured as	<ul style="list-style-type: none"> <li>CMC, CPG, VCF, Forest Conservation clubs meeting are held regularly and discussed various issues on conservation.</li> <li>As part of training 3 CMC member visited Sreemongol and learned</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
						per new GO 31.07.2010	<p>experience form them.</p> <ul style="list-style-type: none"> <li>Awareness program for local community through miking against illicit felling, illegal forest fire and hunting organized</li> <li>32 women received support for Bamboo Mat production to improve their livelihood.</li> </ul>
Sundarban Cluster							
Sundarbans East WS	Bagerhat and khulna	Forest Protected area	31,226	300,000	CMC Sarankhola Range	Formed 12.04.2010	<ul style="list-style-type: none"> <li>Half yearly Co-management Council meeting held; discussed challenges for co-management activities and took approval of last six months activities.</li> <li>Vegetable gardening training received by 200 VCF members for increasing monthly income and 5 entrepreneurs received training on nursery development. At the same time to provide service to visitors 4 tour guides received training on eco-tourism.</li> <li>As part of awareness program for local community 9 Interactive Theater Show organized in presence of 4810 audience. At the same time Miking program arranged to inform and aware local community about Sundarbans conservation.</li> <li>Students are invited to visit sundarbans from youth conservation clubs to orient them about bio-diversity conservation. Youth conservation club meetings are regularly held.</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
							<ul style="list-style-type: none"> <li>As part partnership Victory day, Wetland day and Sundarbans day celebrated along with Upazila administration and Forest department.</li> <li>Regular CMC, VCF and peoples forum meeting are continued.</li> </ul>
					CMC Chadpai Range	Formed 04.02.2010	<ul style="list-style-type: none"> <li>Mongla upazila officers' orientation on Nishorgo network held in this quarter.</li> <li>27 VCF formed newly in different Unions according to village list submitted to PM by FD.</li> <li>Vegetable gardening training received by 239 VCF members for increasing monthly income and 12 entrepreneurs received training on nursery development. At the same time to provide service to visitors 08 tour guides received training on eco-tourism.</li> <li>As part of awareness program for local community 6 Interactive Theater Shows (IPT) organized in presence of 2545 audience. At the same time Miking program arranged to inform and aware local community about Sundarbans conservation.</li> <li>Students are invited to visit sundorbans from youth conservation clubs to orient them about bio-diversity conservation. Youth conservation club meetings are regularly held.</li> <li>To provide safe drinking water to 2300 households 07 Pond sand filter (PSF) repaired.</li> <li>As part partnership Victory day, Wetland day and Sundarbans day celebrated along with Upazila administration and Forest department.</li> <li>Regular CMC, VCF and people's forum meeting are continued.</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
Sundarbans West WS	Satkhira and Khulna	Forest Protected area	71,502		CMC Satkhira Range	To be formed	<ul style="list-style-type: none"> <li>• Shyamnogor upazila officers' orientation on Nishorgo network held in this quarter.</li> <li>• 27 VCF formed newly in different Unions according to village list submitted to PM by FD.</li> <li>• Training received by 152 community leaders as Nishorgo sahayok for conducting VCF meetings and 05 entrepreneurs received training on nursery development. At the same time to provide service to visitors 07 tour guides received training on eco-tourism.</li> <li>• As part of awareness program for local community 12 Interactive Theater Shows (IPT) organized in presence of 13495 audiences. At the same time conservation messages covered through wall writing to inform and aware local community about Sundarbans conservation.</li> <li>• As part partnership Victory day, Wetland day and Sundarbans day celebrated along with Upazila administration and Forest department.</li> <li>• Meetings are held with different stakeholders to ensure the Council members.</li> <li>• Regular meeting of Conservation Club and VCFs are continued.</li> </ul>
Sundarbans South WS	Khulna	Forest Protected area	36,970			To be formed	<ul style="list-style-type: none"> <li>• Community people are organized through 25 new VCF in Dacope Upazila.</li> <li>• Sutokhali union Parishad (UP) members are oriented about Nishorgo network and Sundarbans bio-diversity conservation.</li> <li>• Awareness session on climate change adaptation organized in different villages and conservation messages have written in different walls.</li> </ul>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Major Training/ Orientation/Activities
Sundarbans ECA	Khulna, Satkhira, Bagerhat, Barguna and Pirojpur	Ecologically Critical Area	59,600				





নিসর্গ নেটওয়ার্ক

**U.S. Agency for International Development**  
United States Agency for International Development / Bangladesh  
Madani Avenue, Dhaka Bangladesh  
Phone: (880-2) 885-5500 Fax: (880-2) 882-3648