



USAID | **BANGLADESH**
FROM THE AMERICAN PEOPLE

INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

SECOND ANNUAL PROGRESS REPORT

June 2009 – May 2010

AND

SECOND YEAR – FOURTH QUARTERLY PROGRESS REPORT

March 1, 2010 – May 31, 2010

June 15, 2010 (draft)

This report is made possible by the support of the American People through the United States Agency for International Development (USAID). The contents of this report are the sole responsibility of the author(s) and do not necessarily reflect the views of USAID or the United States Government.

INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

SECOND ANNUAL PROGRESS REPORT

June 2009 – May 2010

And

SECOND YEAR – FOURTH QUARTERLY PROGRESS
REPORT

March 1, 2010 – May 31, 2010

USAID Contract N° EPP-I-00-06-00007-00

Order No : EPP-I-01-06-00007-00

June 15, 2010 (draft)

Submitted to :

USAID/Bangladesh

Submitted By :



International Resources Group (IRG)

With subcontractors:

WWF-USA, dTS, East-West Center

Environmental Law Institute, Epler-Wood International

The WorldFish Center, CIPD, CNRS, CODEC

BELA, Asiatic M&C, Oasis Transformation

Module Architects, IUB/JU

Acronyms and Abbreviations

A&E	Architectural and Engineering
ACF	Assistant Conservator of Forests (post of Park Wardens)
ADB	Asian Development Bank
ADP	Annual Development Plan
AF	Arannayk Foundation
AIDAR	Agency for International Development Acquisition Regulations
AIG	Alternative Income Generation
AIS-D	American International School – Dhaka
BCAS	Bangladesh Centre for Advanced Studies
BCDP	Bangladesh Cetacean Diversity Project (WCS project)
BELA	Bangladesh Environmental Lawyers Association
BRAC	Bangladesh Rural Advancement Committee
CCNs	Cooperating Country Nationals
CDM	Clean Development Mechanism
CHT	Chittagong Hill Tracts
CHTDF	CHT Development Facility (UNDP funded project)
CIPD	Center for Indigenous Peoples Development
CMC	Co-Management Committees and Councils
CMO	Co-Management Organization
CNRS	Centre for Natural Resource Studies
CO	Contracting Officer
CODEC	Community Development Center
CONIC	Co-managed Nature Interpretation Center
COP	Chief of Party
CTO	Cognizant Technical Officer
DC	District Council
DCOP	Deputy Chief of Party
DEC	Development Experience Clearinghouse
DFID	United Kingdom’s Department for International Development
DFO	Divisional Forest Officer
DoE	Department of Environment
DoF	Department of Fisheries
DPA	Development Project Aid
DPP	Development Project Proforma
dTS	Development & Training Services, Inc.

EC	European Commission
ECA	Ecologically Critical Areas
ECNEC	Executive Committee for National Economic Council
ELI	Environmental Law Institute
ERD	Economic Relations Division, Ministry of Finance
EWC	East–West Center
FAR	Federal Acquisition Regulation
FD	Forest Department
FRUG	Federation of Resource User Group
FUG	Forest User’s Groups
GDA	Global Development Alliance
GEF	Global Environment Facility
GIS	Geographic Information Systems
GoB	Government of Bangladesh
IARC	International Agricultural Research Centers
ICFS	Inland Capture Fisheries Strategy
ICRAF	International Center for Research in Agroforestry
IEC	Information, Education, Communication
IPAC	Integrated Protected Area Co–management
IQC	Indefinite Quantity Contract
IRG	International Resources Group
IUB	Independent University of Bangladesh
IUCN	World Conservation Union
JU	Jahangirnagar University
KAP	Knowledge, Attitude and Practice
KM	Knowledge Management
LOI	Leaders of Influence
M&E	Monitoring and Evaluation
MACH	Management of Aquatic Ecosystems through Community Husbandry
MNP	Modhupur National Park
MoEF	Ministry of Environment and Forests
MoFL	Ministry of Fisheries and Livestock
MoL	Ministry of Land
NAPA	National Adaptation Program of Action
NBSAP	National Biodiversity Strategy and Action Plan
NGOs	Non–Governmental Organizations
NRM	Natural Resources Management
NSP	Nishorgo Support Project

NWP	Nature, Wealth and Power
PA	Protected Area
PLACE	Prosperity, Livelihoods and Conserving Ecosystems (PLACE) IQC
PMARA	Performance Monitoring and Applied Research Associate
PMP	Performance Monitoring Plan
PPP	Public Private Partnerships
ProAg	Program Agreement
PRSP	Poverty Reduction Strategy Paper
RDRS	Rangpur Dinajpur Rural Service
REDD	Reduced Emissions from Degradation and Deforestation
RFTOP	Request for Task Order Proposal
RIMS	Resource Information and Management System (Forest Department)
RMO	Resource Management Organizations
RPA	Reimbursable Project Aid
RUG	Resource User Groups
SEALS	Sundarban Environment and Livelihood Support (EC funded project)
SMEs	Small and Medium Enterprises
SOW	Statement of Work
TOAB	Tour Operators Association of Bangladesh
TO CO	Task Order Contracting Officer
TPP	Technical Project Proforma
UNDP	United Nations Development Program
USAID	U.S. Agency for International Development
USG	United States Government
WCS	Wildlife Conservation Society
WFC	World Fish Center
WWF	World Wildlife Fund

Table of Contents

Introduction	<u>1</u>	Deleted: 3
Summary of Progress.....	<u>1</u>	Deleted: 3
Project Implementation	<u>4</u>	Deleted: 3
Development and implementation of IPAC program strategy	<u>5</u>	Deleted: 3
Achievements and Overall Progress.....	<u>5</u>	Deleted: 3
Priorities for the next year.....	<u>7</u>	Deleted: 3
Communications and Outreach.....	<u>8</u>	Deleted: 3
Major Activities.....	<u>8</u>	Deleted: 3
Outreach and Special Events.....	<u>8</u>	Deleted: 3
Communications Support and Materials Development.....	<u>10</u>	Deleted: 3
Priorities for the next year.....	<u>11</u>	Deleted: 3
Building Stakeholder and Institutional Capacity	<u>11</u>	Deleted: 3
Achievements and Overall Progress.....	<u>11</u>	Deleted: 3
Key activities carried out.....	<u>12</u>	Deleted: 3
Priorities for the next year.....	<u>15</u>	Deleted: 3
Site Specific Implementation	<u>16</u>	Deleted: 3
Achievements and Overall Progress.....	<u>16</u>	Deleted: 3
Key activities carried out.....	<u>17</u>	Deleted: 3
Priorities for the next year.....	<u>19</u>	Deleted: 3
Project Management.....	<u>20</u>	Deleted: 3
Administration and Finance.....	<u>20</u>	Deleted: 3
Performance Monitoring.....	<u>20</u>	Deleted: 3
Implementation Issues	<u>20</u>	Deleted: 3
Annex 1 - Activity Calendar.....	<u>22</u>	Deleted: 3
Annex 2 - Listing of IPAC Reports and Deliverables	<u>25</u>	Deleted: 3
Annex 3 – Status of CMOs in PA Network	<u>26</u>	Deleted: 3
Annex 4 – Capacity Building Events 2009-2010.....	<u>36</u>	Deleted: 3
Annex 5 – Performance targets and achievements	<u>43</u>	Deleted: 3

Introduction

IPAC is designed to contribute to sustainable natural resource management and enhanced biodiversity conservation in targeted landscapes with the goal of preserving the natural capital of Bangladesh while promoting equitable economic growth and strengthening environmental governance. IPAC is being implemented by the Ministry of Environment and Forests, and Ministry of Fisheries and Livestock, through a consortium of partners led by International Resources Group.¹

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 in Bangladesh. This network of protected landscapes of forest and wetland ecosystems is now being recognized as the Nishorgo Network. Over the next three 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.

This eighth Quarterly Progress Report covers the period March 2010 to May 2010, or the fourth quarter of the second year of IPAC implementation. This report summarizes the accomplishments and completed activities of the past quarter, and also serves as a second annual report for IPAC. The priority interventions identified for the next period of project implementation are presented in the third annual work plan for IPAC, covering the period June 2010 – May 2011. Annexes for this latest progress report include details of 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.

Summary of Progress

In the second year of IPAC implementation, significant continued progress was made in achievement impacts and results targeted in the IPAC performance monitoring plan. Performance targets were largely exceeded for 13 out of 22 PMP indicators, and very good progress has been made on the remaining indicators.

Eight new co-management organizations were established, including a newly formed Resource Management Organization (RMO) for Aura Bora Beel / Kongsha Malijee wetland, and seven new Co-management Committees / Councils (CMCs) for Khadimnagar National Park, Medha Kachapia National Park, Fasiakhali Wildlife Sanctuary, Kaptai National Park (2 CMC), and Sundarbans (2 CMC, in Sarankhola and Chadpai). Social mobilization and fieldwork supporting the organization of more than 200 Village Conservation Forum, Peoples Forum is well underway in additional communities to enable the formation of additional CMCs for the Sundarbans Reserved Forest, Moduphur National Park, Bhawal National Park, Himchari National Park and the proposed Inani National Park.

During the past quarter, the Wildlife Conservation Circle of the Forest Department declared four new Wildlife Sanctuaries to be added to the growing Nishorgo Network of protected forests and

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

wetlands. IPAC worked closely with the Ministry of Environment and Forests and Forest Department to organize a major event that mobilized more than 3,000 people from adjacent communities, local leaders, technical staff, civil society, the media and others in the formal declaration and inauguration of the 4,717 hectare Dudpukuria Wildlife Sanctuary near Chittagong.

IPAC is also collaborating with IUCN and CWBMP to move ahead with the extension of co-management in major wetland sites of Tanguar Haor and Hakaluki Haor, and in additional ECAs, including the Teknaf ECA. With leveraged funding from EU/SEALS, GTZ and other projects now being designed and approved, additional support for conservation and co-management of the Sundarbans Reserved Forest and Sundarbans ECA, Chunut Wildlife Sanctuary, and Pabna District wetlands is also being organized. Funding from the Government Climate Change Trust Fund is being mobilized to extend CWBMP activities in 4 targeted ECAs.

With IPAC support, together with short term assistance from the US Forest Service, carbon finance developments progressed to a great degree in the past year with the organization of a major policy workshop, and two capacity building workshops that provided practical training to field staff and university students working on carbon stock assessments and forest inventories in the Sundarbans and 6 forest protected areas. With high level political interest and continuing leadership from the Ministry of Environment and Tourism, Bangladesh is now on track to have a major new project for REDD financing of conservation in the Sundarbans and in other co-managed forest Protected Areas (PA). The government has also clearly stated its intent to share revenues from the sale of carbon credits with communities engaged in these carbon forest projects.

In addition to providing logistical support to complete a carbon inventory for the Sundarbans REDD proposal, IPAC worked closely with two other specialists of the US Forest Service to support the preparation of a Master Plan for ecotourism infrastructure development and a Strategic Management Plan for the Sundarbans Reserved Forest. The IPAC team also supported the Forest Dept in organizing two dialogue sessions with the Sundarbans Watch Group, and a consultative meeting on the proposed Sundarbans Strategic Management Plan. IPAC also organized two major additional studies to contribute to the preparation of the updated Integrated Resource Management Plan (IRMP) for the Sundarbans: a study of the principle marketed value chains derived from the SRF that is being carried out by BIDS, and a fisheries study organized with the assistance of WorldFish.

Considerable efforts were devoted to continued improvements in the enabling environment for PA co-management, including collection and sharing of PA entry fees, approval of revised Social Forestry Rules, passage of an official order by MoFL to allow Upazilla Fisheries Conservation and Development Committees to operate MACH Endowment Funds and progress with renewal of leases for MACH sites and revision of the water body leasing policy. A concerted effort is underway to prepare Protected Area Co-management Rules, to revise the Forest Act and to adopt the proposed revisions for the Wildlife Act. The Advocacy Group for Wetlands and Forest Conservation was organized and has met twice to lend its ideas and support for targeted reforms.

Following the organization of a major consultative meeting on the conservation of the Sundarbans in April, 2009, there have been a series of significant developments that represent a strategic shift in the management orientation for the Sundarbans Reserved Forest and its associated three Wildlife Sanctuaries. The Forest Dept and other key stakeholders of the Sundarbans have participated in the preparation of visionary Strategic Management Plan for the Sundarbans which is being used to update the 10-year Integrated Resource Management Plan for the SRF. The Forest Department has embraced the adaptation and application of a more participatory approach to conservation of the SRF by supporting the formation of 95 Village Conservation Forum, Peoples Forum and two formally established Co-management Councils and Committees. FD has mobilized field staff to carry out a carbon assessment for a pioneering REDD proposal for the Sundarbans. The Ministry of Environment and Forest has endorsed an innovative proposal prepared by the Wildlife Conservation Society to establish a new protected area network for freshwater dolphins in the Sundarbans. FD and DoF are cooperating in carrying out a study of the fisheries resources. In the past several months, with leadership from the Secretary of MoEF and the State Minister for Environment and Tourism, the Prime Minister has endorsed an unprecedented proposal for increased revenue sharing with

resource-dependent communities living adjacent to the Sundarbans to reinforce their commitment to collaboration in the conservation of this internationally important ecosystem.

In addition to the series of carbon finance capacity building activities, many other workshops, seminars and field level training activities were carried out. Over the past year, 6051 participations (34% female) benefitted from a wide range of training and capacity building activities organized with support from IPAC, including the organization through JU/IUB of two certificate courses in Conservation Biology and Co-management, and a technical workshop and WriteShop to support applied social science research. With technical guidance from Dr. Z Karim, the team organized a major workshop to distill and disseminate information on the most promising alternative income generating (AIG) technical packages in fisheries, livestock and NRM that have been developed by research institutes in Bangladesh and proven in the field. With leadership from the Secretary of the Ministry of Fisheries and Livestock, the team supported the organization by the Dept of Fisheries of additional district level workshops to disseminate good practices in fisheries management. A very effective training of trainers (TOT) session was organized to support the development of a network of eco-guides and followed up by a consultative meeting organized with tour operators and eco-guides. IPAC implementing partner BELA organized a series of Cluster level workshops on environmental law. More recently, a series of 2 day orientation courses on the Nishorgo Network and PA co-management have been organized at the Cluster level for government field staff, UNO and CMC leadership. Together with the preparation and distribution of Guidelines for Entry Fee Collection, and briefing materials on the operations of Community Patrolling Groups, and a Tool Kit on applicable rules and governance issues, these efforts contributed to further capacity building in critically important areas among both existing and newly established Co-Management Organizations (CMO).

Two additional areas received particular emphasis in the past year: communications and outreach, and enterprise development through value chain strengthening. A major achievement was the adoption by the three concerned technical departments of a Bangla name for the national PA network, now known as the Nishorgo Network. A wide range of supporting communications materials has been developed and utilized to raise awareness about the Nishorgo Network, including talk shows, competitions with awards, sponsorship of booths at fairs, organization of school and campus outreach events, and celebration of national and internationally recognized days devoted to environmental themes, including Co-Management Day, World Wetland Day and World Biodiversity Day. The IPAC communications team supported the organization of a series of major events, including a Consultative Meeting for the conservation of Lawachara National Park, the inauguration of the newly declared Dudpukuria Wildlife Sanctuary, a consultative meeting with the Minister of Food, concerned technical services and local communities in Moduphur, and a consultative meeting to review the proposed Sundarbans Strategic Management Plan. At the Cluster level, IPAC helped CMO to host visits to PA by students, imans, senior government decision-makers and others, and promoted increased visitation of PA by Scouts, school children as well as the general public.

In partnership with Oasis Transformation, an innovative model for sustainable enterprise development linked to improve natural resource management and community development was pioneered in the Central Cluster and adjacent areas. Oasis is organizing rural producer groups to improve bamboo clump management to increase sustainable supplies of high quality materials processed into bamboo coffins and other fair traded products. At the Cluster level, additional progress was made in supporting the work of CMC Community Patrolling Groups in association with increased AIG support using a value chain strengthening approach. In the past year, the IPAC team recruited three Value Chain Associates to give additional technical support to AIG and enterprise development related to targeted value chains, including eco-tourism, bamboo, fisheries, nurseries, homestead gardens, weaving and crafts. Funds were also mobilized to assist with the promotion of improved cook stoves along with improved drinking water supplies in targeted PA landscapes.

Project Implementation

IPAC includes three main components to support the institutionalization and scaling up of a national network of co-managed Protected Areas:

1. **IPAC Strategic Framework:** Development of a coherent strategy for integrated protected areas co-management and biodiversity conservation, through support for constituency building; visioning, policy analysis and strategy development; partnership building for sustainable financing; and development of an outreach and communication strategy with a focus on awareness-raising.
2. **Capacity Building:** Building stakeholder and institutional capacity, through support for training to GOB national and local level staff, NGOs and rural communities; strengthening of existing training centers and development of new and innovative applied training courses; and development of local support services for integrated, participatory co-management.
3. **Site specific implementation:** Support implementation of co-management in Protected Areas to continue field testing and institutionalization of proven approaches for integrated PA co-management in existing and new aquatic and terrestrial protected areas; this will include the selection of additional sites to scale up the network of co-managed PA, and expanded support for alternative income generation activities, value chain strengthening, public-private partnerships, leveraged conservation financing and local level outreach to increase community interest in conservation and environmental stewardship, while contributing to improved welfare of rural communities through reduced vulnerability and increased adaptation to climate change, increased access to improved drinking water supplies and more secure and diversified livelihoods.

IPAC also supports **cross-cutting approaches** to take account of gender perspectives in natural resource management and to enhance gender mainstreaming processes, along with a focus on youth, to improve the livelihoods of young people and to provide a solid future constituency for conservation.

During the first year of implementation of IPAC, the project team supported project activities organized to achieve results targeted by USAID for each of these three main components, with respect to increased economic benefit (wealth), strengthened governance (power, rights), and biodiversity conservation and improved natural resource management (conservation).

	<i>Governance</i>	<i>Conservation</i>	<i>Economic Growth</i>
IPAC Strategy	Policy and legal framework for co-management of PA system	Training and capacity building strategy	Entry fee , revenue, benefit sharing guidelines
Capacity Building	Establish, institutionalize national PA system	Certificate courses, foundation training	Promote public private partnerships, alliances
Site Implementation	CMC, RMO organization; support services network	Scale up landscape management plans and habitat restoration	Expand conservation enterprises and poverty reduction (RUG)

The following sections provide more details about activities implemented over the past quarter for each of the main components of IPAC.

Development and implementation of IPAC program strategy

Achievements and Overall Progress

The long term success of PA co-management in Bangladesh is contingent on achieving further progress in reinforcing a positive enabling environment with supporting policies, legislation and conservation financing mechanisms. Accordingly, IPAC has targeted and achieved significant progress in the past year in reforming or revising a number of critically important rules and regulations. The IPAC also set as a strategic priority for the past year to make progress in the development of carbon financing, and with the enthusiastic support of the GoB, this work is steadily advancing. In addition, considerable success has been achieved in leveraged additional funding for field level interventions in support of biodiversity conservation and the protection and improved, collaborative management of protected areas. Communications and outreach activities also moved ahead on many fronts in the past year. Now that a Bangla name for the national Nishorgo Network of co-managed Protected Areas has been adopted by a consensus of the concerned technical departments, implementation of the IPAC communications strategy can move forward with a greater number of talk shows, TV spots and outreach activities to reach the targeted audiences. Overall achievements of the second year of IPAC with respect to relevant PMP indicators for component one were as follows:

<i>PMP Indicator</i>	<i>Target – year 2</i>	<i>Achievement</i>
		<i>June 2009–May 2010</i>
5: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance.	5	9
9: Quantity of greenhouse gas emissions, measured in million metric tons Carbon, reduced or sequestered as a result of USG assistance (million metric Ton C).	TBD	In process

16: Amount of leveraged financing for conservation	\$8.6 million	\$17.2 million
17: Number of individuals that are aware of a national Protected Areas network.	500,000	183,653
18: More active and decisive support of PA co-management by FD, DoE, DoF and Local Government	TBD	In process

With respect to strengthening of the policy framework for PA co-management, the following were accomplished in the past year:

- Formal adoption of a new GO for CMC in all forest PA
- Collection and utilization of shared PA entry fee revenues by established CMC in 5 PA
- Organization of the Advocacy Group for Forest and Wetland Conservation, and review of experience with wetland co-management and water body leasing issues
- Issuance of official order by MoFL to allow Upazilla Fisheries Conservation and Development Committees to operate the Endowment Funds originally set up with 5 Upazilla Fisheries Committee to support activities in MACH sites
- Contribution to the ongoing revision of wetlands leasing policy
- Assistance with renewal of water body leases in Hail Haor
- Revision of Social Forestry Rules
- Preparation of new PA Rules – designed to provide a regulatory mechanism to implement new policy initiatives that have recently emerged from MoEF in relation to increased sharing of fiscal revenues, income from carbon credits and other benefits with local communities to encourage their participation in forest conservation
- Preparation of revisions of the Forest Act revision;
- Continued support for revision of the Wildlife Act
- Declaration of four new forest Protected Areas, including Dudpukuria-Dhopachari Wildlife Sanctuary and 3 other forest PAs

In addition, a number of initiatives were supported with the US Forest Service and others to move ahead with the improved conservation of the Sundarbans

- Elaboration by the USFS and approval by the MoEF / FD of a Strategic Management Plan for the Sundarbans
- Preparation by the USFS with support from IPAC partner Module Architects of the Master Plan for Ecotourism Infrastructure Development in the Sundarbans
- Organization of a major study to be carried out by BIDS on the economics of the Sundarbans with a focus on the principal marketed value chains derived from the SRF
- Preparation of TOR and mobilization of a team supported by WorldFish to carry out a study on the conservation and improved management of fisheries resources of the Sundarbans

Several major activities were also organized to move ahead with the mobilization of carbon finance through REDD and other mechanisms.

- Carbon finance policy workshop organized in October, 2009 with the US Forest Service and support from IRG/Washington, US Forest Service and others
- Organization of first carbon stock assessment training in November 2009 and field support for carbon inventory and REDD project preparation for the Sundarbans
- Organization of a second carbon project preparation training workshop in March 2010, and field support for carbon inventories and data collection in 8 protected areas

Another area that received considerable attention and effort over the past year, was the development of partnerships in support of the national Nishorgo Network. This included the following:

- Continued information exchange and close collaboration with the EU/ SEALS team; this involved provision of technical support (architectural expertise, field studies) for the further elaboration of the SEALS project document and participation in the ongoing Protection Assessment and related project development activities supported by SEALS;
- IPAC team also briefed several World Bank missions fielded to support the preparation of a portfolio of studies (non lending technical assistance program) aimed at supporting the conservation and sustainable development of the Sundarbans landscape
- Reinforced collaboration with GTZ, including support for their new participatory forest management project scheduled to begin in Chunoti Wildlife Sanctuary; collaboration with the new GTZ wetlands biodiversity rehabilitation project in Pabna District, and with the identification of a new project to support co-management of the embankments and biodiversity conservation in the Sundarbans ECA
- Additional progress in working with GTZ and Grameen Shatki to collaborate in the funding of CMC to promote the dissemination of improved cook stoves (ICS) in targeted PA landscapes
- Joint organization with GTZ/Pabna wetlands of an art / essay competition Biodiversity for Life and other communications activities to celebrate Biodiversity Day (May 22) and World Environment Day (June 6)
- Reinforced collaboration with Bangladesh Scouts, University Environment Clubs and other youth and student groups to raise awareness of environmental conservation issues and challenges and to enlist their support for the Nishorgo Network
- Meetings were also organized with Arannayk Foundation, IUCN, CWBMP, Wildlife Conservation Society / Bangladesh Cetacean Diversity Project, Wildlife Trust of Bangladesh / Tiger Action Plan team, BRACNet, Rahimafrooz Rural Services Foundation, Smiling Sun and others to foster collaboration and synergies among rural development and conservation partners

Priorities for the next year

A number of ongoing priority activities for Component One dealing with policies, legislation and financing will be followed up in the coming year, and others will be taken up, including:

- Adoption of PA Rules, revisions to the Forest Act and approval of a revised Wildlife Act;
- Adoption of revisions for the water body leasing policy and approval of a new GO for wetland CBOs

- Reinforced enforcement of environmental protection laws, and increased utilization of ETP to reduce / control water pollution in targeted sites
- Completion of fund-raising to proceed with construction of the Lawachara CONIC
- Continued mobilization of the Advocacy Group to support the elaboration and adoption of a Strategic Framework and Action Plan for scaling up the Nishorgo Network
- Organization of a WriteShop and support for the preparation of carbon project proposals

Communications and Outreach

Major Activities

Although the concept of collaborative management (Co-Management) and the benefits of community level participation in natural resource management have been recognized internationally for some time, more needs to be done in Bangladesh to overcome skepticism about the concept and merits of co-management and to move ahead with operational programs that translate these globally accepted principles and proven approaches into good practice at the field level. Much has been learned and achieved in the five forest Protected Areas where a co-management model was introduced with support from the Nishorgo Support Project and in the three wetland areas where local participation was supported through the Management of Aquatic Ecosystems through Community Husbandry (MACH) project. In the past two years, the IPAC team and partners have accomplished much to contribute to an increased understanding of the potential benefits to be gained from scaling up co-management in additional protected area landscapes, including the 25 targeted National Parks, Wildlife Sanctuaries, Game Reserve, Ecologically Critical Areas where IPAC and its partners are providing direct or indirect support. Communication, outreach and constituency building all play a key role in this effort.

Integrated Protected Area Co-Management (IPAC) Project has been organizing various forms of communication events at the local and national levels, targeting local people living around park/wetland areas, co-managers, students, the media and the general public. Significant events organized in the past year included high level meetings, student visits to co-managed areas, miking campaigns to control illicit felling, radio talk shows, organization of marches & rallies to celebrate International Days, local theatre production and other special events to promote PA co-management and conservation. The following describes a number of these activities in more detail.

Outreach and Special Events

Inaugural of Dudhpukura-Dhopachori Wildlife Sanctuary: This Wildlife Sanctuary was declared on 9 May 2010 by His Excellency, Mr. James F. Moriarty, US Ambassador and Dr. Hasan Mahmud, MP, Honorable State Minister, Ministry of Environment and Forests.

Celebration of National & International Days: IPAC contributed to the celebration of many different National and International days linked to conservation of forests and wetlands or environment. This included World Environment Day 2009, National Fish Week 2009, International Indigenous Day 2009, World Wetland Day 2009, International Coastal Cleanup Day 2009, Co-Management Day 2010, World Biodiversity Day 2010 and the International Bird Festival.

Participation in Fairs: IPAC participated in different fairs- Tree Fair 2009, World Environment Fair 2009, Bangladesh Travel & Tourism Fair 2009 and 8th National Scouts Jamboree 2010 covering hundreds of visitors. Participation in these fairs enhanced collaboration with different stakeholders and helped to publicize and generate interest regarding the different objectives of the national network of Protected Areas (Nishorgo Network).

Workshops & Competition: The IPAC team organized a multi-day workshop at the 8th National Scouts Jamboree 2010 to raise awareness among 500 participating Scouts about the role of Bangladesh Scouts in the Nishorgo Network and to stimulate their interest in conservation. A quiz competition held after each workshop helped in evaluating how much the participants understood

about the network. It brought out 15 winners. Celebration of World Biodiversity Day 2010 included participation of children (Grade 3-10) from 5 clusters of IPAC through Art and Write up Competition on Biodiversity. The best pictures are being exhibited at Drik Gallery on 5 June 2010. Cluster teams have also organized quiz competitions in different schools.

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

Youth Participation at Local sites: Roots and Shoots from American International School, Dhaka visited Satchari National Park on 11 December 2009 and Earth Club of North South University visited Teknaf, Lawachara National Park, Modhupur National Park and Satchari National Park within the Annual Year. Both the groups participated in hiking and tourism management activities. Interactive Session between local government representatives and Co-Management Committee members were also held to highlight park management at local areas.

Voices of Lawachara project- a youth network to combat climate change through biodiversity conservation was supported by IPAC in collaboration with the British Council Climate Champions Program to empower youth in taking action, with a special focus on Lawachara National Park and adoption of measures to address climate change.

Winners & Awards: Winners from the Workshop at 8th National Scouts Jamboree and Name Selection Event were awarded a trip to Lawachara National Park with Aly Zaker. Government officials, Co-Management Committee members, Community patrollers, alternate income beneficiaries met with the winners to provide information on their roles in terms of park management. The winners also visited Khasi punji and Tripura para during their visit. At the end of the visit, they made suggestions that they want the government and IPAC authority to take care of.

Best Community Patrollers were awarded during the World Biodiversity Day 2010 recognizing their contribution.

Mr. Sirajul Hossain, Nature and Wildlife Photographer participated and was selected as one of the winners of the USAID Biodiversity and Forestry Photo Contest 2010. The contest was organized by USAID for its staff members to celebrate 2010-the Year of Biodiversity designated by UN and Earth Day. The pictures illustrated USAID's approach to natural resource management for attaining conservation by benefiting people through co-management.

Engaging Media, Talk Shows and Broadcasts: Journalist dialogue sessions, event coverage, participation in talk shows on television and radio have been organized at local and national level regarding IPAC activities and Nishorgo network. This aided in reducing confusion and strengthening co-management in the protected forest and wetland areas. Radio messaging at Cox's bazaar has been a very successful program that involved government officials from all three departments.

To celebrate Co-management day and to create mass awareness on biodiversity conservation and salutation to Mr. Rafiqul Alam's sacrifice, a talk show was broadcasted on 23 March on Desh TV at 7:45 pm, 'Saho Baybasthanpana Katha'.

Two IPAC representatives also participated in a talk on Eco-tourism which was aired by Channel I in a program called "Aloy Bhubon Bhora" hosted by Mr. Aly Zaker.

Technical Briefings and Meetings: Many technical briefings and meetings were organized to help support the effective implementation of co-management in the Nishorgo Network. This included briefings to delegations from WWF/Pakistan and Nepal, and other groups, in collaboration with the Forest Dept and others. The IPAC team also assisted with briefings and discussion sessions with interested GoB staff and partners on REDD by Dr Mark. Poffenberger, and by the Weideman team on landscape level land use assessment and investment planning.

Consultative Meetings: His Excellency, Mr. James F. Moriarty, US Ambassador to Bangladesh and many high level government officials including Secretaries attended the **Consultative Meeting at Lawachara National Park**. Dialogue sessions brought in commitments that helped in effective implementation of IPAC's objectives.

On February 6, 2010, the **Minister of Food and Disaster Assistance** and MP for **Moduphur** and CCF and senior staff of the Forest Department and USAID EG/Environment team provided leadership for a consultative meeting organized with local stakeholders, government leaders, Forest Department, Department of Fisheries, NGOs and others to discuss the main threats to the conservation of the Moduphur forest and the ways and means to move forward in addressing those threats and in supporting more effective collaboration for both forest conservation and poverty reduction.

A briefing on IPAC and follow up consultative dialogue with the **Sundarbans Watch Group** and civil society in Khulna was also organized on January 20, 2010 by the Forest Department and the IPAC team. This dialogue helped to allay concerns, clear up some misconceptions, correct some misinformation and reinforce collaboration with Khulna University and others in the Sundarbans Cluster.

A briefing on Sundarban Management Plan was also organized in Khulna to support the US Forest Service in vetting and refining a draft Strategic Management Plan with key stakeholders.

A consultative meeting with Tour Operators and Eco-guides was organized with the Tour Operators Association of Bangladesh (TOAB), the Forest Department and IPAC supported ecoguide networks from around the country on February 10, 2010. More than 110 eco-guides participated along with dozens of tour operators and other resource persons in a day long exchange of information about practical measures that could be taken to promote and sustain ecotourism in relation to PA conservation.

Communications Support and Materials Development

Naming of the National Nishorgo Network: University students (Dhaka University, Khulna University, Jahangirnagar University and Anandomohon College and University at Mymensingh) were engaged from these four universities through a mime show and interactive session to select the name of the national network of co-managed Protected Areas. Students suggested names and votes were taken on the selected ones from them and three government departments (Forest Department, Department of Fisheries and Department of Environment). 8 Winners from the four universities were awarded a trip to Lawachara National Park to improve their understanding of the Nishorgo Network and how the park is being managed by Co-management Committee with the involvement of government officials, community leaders and resource users.

Development of Key messages for Targeted groups: The Communication team developed key messages on Nishorgo network and has been coordinating with Asiatic to develop slogans and other communication materials including a video documentary with Asiatic.

Facilitation of Training Programs: Facilitation of the Applied Research Grants Program was done with the selected awardees and WorldFish Center and EastWest Center.

Development of Communications Materials: A book by Sirajul Hossain and Philip J DeCosse “Images from the Wild: Travels through Five Nishorgo Forests” was published in the past year that covered photographs and description of the five Protected Areas under Nishorgo Support Project. Guide to Wildlife by Monirul H. Khan was printed for the second time under Duncan brothers as well.

Other communication materials that reached out to targeted groups included:

- production and distribution of the first two issues of the IPAC Newsletter (Issue 1 and 2)
- continued progress with upgrading of the IPAC / PA network website www.nishorgo.org
- production and distribution of IPAC brochure and project summary (English & Bangla)
- Re-printing of Lawachara National Park’s Trail Brochure
- Production and Distribution of Good Practices Booklet on Fisheries (in Bangla)

- production and distribution of stickers and bookmarks on national network of co-managed Protected Area Network (name was not selected at that time)
- production and distribution of posters on the role of Scouts in the network
- preparation of posters for the student activation / network naming events
- preparation and distribution of T-shirts for winners and Dudhpukuria event
- Production and distribution of IPAC Cluster Map
- Preparation and distribution of IPAC pocket calendars
- Production of two page summary handout and brochure for the Nishorgo Network
- Preparation of a script for a documentary on the context for conservation through co-management and the PA network

These materials and others were used by the IPAC Cluster teams to support a wide range of communications and outreach activities, including sponsorship and organization of visits and hikes in Protected Areas by schools, outreach sessions in schools, organization of popular theatre shows, and special media events at the local level, particularly in CHT, SE and Sundarbans Clusters. See www.nishorgo.org for more information.

Priorities for the next year

Activities for the next year will focus on publicizing the name 'Nishorgo Network' at five different clusters and ensuring all forms of conservation work through co-management under it. More participation of the media through talk shows, event coverage and site visits will also be organized.

Other specific priorities include:

- Full branding and launch of Nishorgo Network, supporting by Cluster level campaigns to support movement, documentary video on Nishorgo Network; collaboration with Channel I, flip charts, posters, award events, dissemination of good practices booklets, TV spots, talk shows
- Consultative Meetings and Special Events, with attention to Nishorgo Network, Sustainable Landscapes, control of water pollution in co-managed water bodies, Sundarbans, Wetlands and Food Security, CHT
- Outreach with Youth, Indigenous Peoples, Networks, including next Scouts Jamboree, school visits, environmental education partnerships, reinforced networking, web-based discussion groups (e.g. EcoTourism), reinforced support for Interactive Popular Theatre.
- Support for publications, seminars, workshops, and dissemination of findings of Nishorgo lessons learned book, MOU for photographic essays on Sundarbans, CHT, other areas, and publishing of case studies from EWC applied research case studies.

Building Stakeholder and Institutional Capacity

Achievements and Overall Progress

The design of IPAC recognizes that “capacity is pivotal” to the strengthening and institutionalization of a successful co-management approach that can be sustained beyond the end of the project. Accordingly, the IPAC work plan includes a wide range of training and related activities in the second major component of IPAC - Building Stakeholder and Institutional Capacity. In the second year of IPAC, the project team largely exceeded 4 of the 5 PMP indicators related to training capacity building. Additional details of these achievements are described below and in the Annexed PMP table.

<i>PMP Indicator</i>	<i>Target – year 2</i>	<i>Achievement</i> <i>June 2009–May 2010</i>
7: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	10,000	8,932
8: Number of people with increased adaptive capacity to cope with impacts of climate variability and change as a result of USG assistance.	75,000	373,412
11. Number of people receiving USG supported training in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills, and techniques	300	453
12. Number of people receiving USG supported training in global climate change including framework convention on climate change, greenhouse gas inventories, mitigation, and adaptation analysis	25	378
20: Number of training curriculums developed and trained modules designed and taught	6	20

During the second year of IPAC implementation, capacity building activities were extended to a much wider range of co-management and Nishorgo Network stakeholders including: government decision makers at the ministerial level; centrally based and field based staff of government technical departments, national and local officials responsible for oversight of Forest Protected Areas (PA), Wetlands and Ecologically Critical Areas (ECA); co-management institutions being formed; community based organizations, resource user groups engaged in co-management; and supporting partners (NGOs, universities, private sectors).

To support achieving IPAC's goal related to capacity building, a range of shorter and longer training courses, workshops, orientation training and exposure visits have been organized over the past two years. The objectives of these activities include raising awareness of concerned people, provision of more specialized professional training in key areas related to PA co-management, development of social mobilization and AIG skills, as well as environmental monitoring techniques. These training activities are being implemented by the IPAC Cluster teams at cluster / site level as well as by the Dhaka based technical specialists of the core team and resource persons of implementing partners.

During June 2009 – May 2010 IPAC implemented 191 courses/batches for 6,051 participants of whom 3,968 (66%) were male and 2,082 (34%) were female. Of these, 3,480 participants were covered under 80 various awareness raising courses/batches; 289 participants by 17 different courses/batches for developing social mobilization skills; 1,454 participants by 69 different courses/batches for developing Alternative Income Generation (AIG) skills; 513 participants by 15 courses/events for program monitoring & management skills; and 315 participants by 10 courses from GOB (including key policy level stakeholders), universities, NGO officials for professional skills development. (See annex for details)

Key activities carried out

Some of the implemented training and capacity building highlights of the past year are as follows:

- I.** Certificate Training Course on Applied Conservation Biology and Co-Management: The course was developed by IUB/JU with support from IPAC to enable the participants from government technical agencies and non-governmental organizations to collaborate more effectively in the

management of PAs, Wetlands and ECAs in ways that both conserve biodiversity and promote more sustainable and secure economic growth that directly benefits local communities.

Two batches were implemented at Fisheries Training Academy, Savar as follows:

Batch 1: The first batch was implemented by the Independent University, Bangladesh (IUB) and Jahangirnagar University (JU) for six weeks from July 06 to August 18, 2009. The course was attended by 20 participants viz. six Assistant Conservator of Forests (ACF) from Forest Department (FD), five Senior/Upazila Fisheries Officers (S/UFO) from Department of Fisheries (DOF) and three from Department of Environment (DOE- two Assistant Director-AD & one Research Officer); and six officials from partner NGOs viz. one each from CODEC, Caritas, CNRS, Tah Zing Dong/Arannyak Foundation (AF), Humanitarian Foundation/AF and Chesta/AF.

Batch 2: The second batch was implemented by the JU and IUB for four weeks from February 27 to March 28, 2010. The course was attended by 20 participants viz. two from MOEF (Senior Assistant Secretary & Senior Assistant Chief), six from FD (five ACF & one Deputy Conservator of Forests), four from DOF (three UFO & one Librarian) and two from DOE (AD & Senior Chemist); and six participants from partner NGOs viz. one each from CODEC, CIPD, CNRS, RSF, RDRS/AF and SHED/AF. In keeping with the evaluation of the first round, the second course offering was redesigned and improved in its delivery with the use of additional resource persons (total of 16) and additional time in the field.

- II. Certificate Training Course on Carbon Financing and Project Preparation: The overall objective of the certificate course was to contribute to the adaptation and mitigation of climate change and to promote sustainable development of natural resources by focusing the capacity of IPAC's partner ministries such as Ministry of Environment and Forests, and Ministry of Fisheries and Livestock, and partner government agencies including FD, DOF and DOE to access national and international carbon markets. The course focused on an overview of climate change policy framework and land-use carbon projects mainly for senior and mid-level officials as well as practical guidance on thinking through practical issues, principles and methods, and navigating the logistics of project planning, design, development and effective field implementation.

Two courses were implemented as follows:

Course 1: IPAC along with United States Forest Services (USFS) designed the first course and implemented from October 28 to November 11, 2009 in four phases viz. Phase I: Workshop on Global Climate Change and Carbon Financing: Opportunities for Bangladesh, Duration: October 28 – 29, Venue : Radisson Water Garden Hotel, Dhaka; Phase II : Training on Carbon Project Planning, Design and Carbon Pool Assessment, October 30 – November 02, Venue : Fisheries Academy, Savar, Dhaka; Phase III : Field Exercise on Developing Sundarbans Mangroves Carbon Projects : Field Demonstration, November 03 – 09, Venue : Sundarbans Reserved Forests; and Phase IV : Training on Carbon Project Implementation, November 10 – 11, Venue : Fisheries Academy, Savar, Dhaka.

In inaugural session, Dr. Hasan Mahmud, State Minister, Ministry of Environment and Forests was the chief guest; Mr. James F. Moriarty, US Ambassador to Bangladesh was special guest; and Dr. Mihir Kanti Majumder, Secretary, Ministry of Environment and Forests chaired the session.

120 participants attended in Phase I representing five ministries viz. Ministry of Environment & Forests, Ministry of Fisheries & Livestock, Ministry of Finance, Ministry of Land, and Ministry of Law, Justice & Parliamentary Affairs; 12 GOB organizations viz. Planning Commission, ERD, IMED, Forest Department, Department of Fisheries, Department of Environment, BCSIR, IGED, BRDB, Bangladesh Bank, BFRI (Forest) and BARI; three universities viz. JU, BUET & IUB; two embassies viz. US Embassy and Royal Danish Embassy; three donors viz. USAID, DFID & GTZ; ten national and international NGOs viz. BELA, BCAS, CNRS, WTB, SATU, Waste Management, AF, CEGIS, CIRDAP & IUCN. In addition, representatives from 17 media organizations viz. 10 electronic and seven print media were also attended. The entire course including fieldwork (Phase I - Phase IV) was attended by 25 participants among them 23 from GOB departments' viz. 11 from FD, seven from DOF and five from DOE; and two participant

observers from IUB (Faculty) and Bangladesh Forest Research Institute (retired officer). After completion of the training some of the participants are being involved in carbon inventory works in Sundarbans.

Course 2: The second course was designed by IPAC core team with support from the IRG Washington DC –based Carbon Advisor. The first phase was implemented from March 15 – 21, 2010 at FD's conference hall. Twenty participants attended the course of which five ACFs from FD; four S/UFOs from DOF; one university faculty; seven students from universities; three senior NGO officials. Moreover, four ACFs from FD were attended as full time participant observer in the whole course. During the period April – June, the course participants are being involved in field carbon inventory work at eight identified Protected Areas viz. Teknaf WS, Himchari NP, Inani NP (proposed), Medhakachapia NP, Fasiakhali WS, Dudh Pukuria WS, Sitakunda Eco Park and Rema Kalenga WS. At the final phase a writeshop will be organized in August 2010 for processing the carbon inventory data to convert into eight PDDs.

- III.** Applied Research: The IPAC Project with support from the East West Center (Honolulu, Hawaii) and the World Fish Center has provided support to 11 research grantees for their research since August 2009. The themes that the research fellows worked on: Governance and protected landscapes: Co-management in the wetlands and forests of Bangladesh; and Rural livelihoods and protected landscapes: Co-management in the wetlands and forests of Bangladesh.

A four weeklong report writing workshop was held from January 17 to February 11, 2010 where research fellows were assisted to produce eleven papers.

- IV.** Workshop on Application of AIG Modules: IPAC organized a workshop on Alternate Income Generation Modules on 18 October 2009 on potential economic incentives that cluster offices can encourage local communities to select as an alternate income source in accordance to their localities. Renowned specialists from On Farm Research Division, BARI, ATTP, PKSF presented modules on Crops and Forestry related AIG; Fisheries and Aquaculture and Livestock and Poultry farming. The main objective of the workshop was to review the most promising and proven technical packages and currently available best practices in fisheries and agriculture; horticulture, tree crops and agro-forestry; sustainable agriculture including irrigate crops and other cost-effective modules to help in improving rural production systems linked to PA conservation. 46 participants including IPAC field officials (Site Coordinators and Enterprise Support Facilitators), technical staff members; its partners; representatives from FD, DOF and DOE; and other representatives (CWBMP, GTZ, PRICE, Katalyst & Rahimaafrooz) were present at the workshop.
- V.** Dissemination of Good Practices in Fisheries Sector: IPAC Project has extended its support to the MoFL and DoF in organizing three more district level workshops at Sylhet, Sunamgonj and Tangail on 24 & 25 October 2009 and 13 February 2010 respectively on “Dissemination of Good Practices in Fisheries Sector”. The Secretary, MoFL was present in all the workshops as chief guest. DG-DoF was present in the occasion as special guest and the concerned Deputy Commissioner chaired the workshops.

The Sylhet workshop included 125 participants; Sunamgonj workshop was attended by 115 participants and 111 participants were at the Tangail workshop, representing communities, civil society members, local government representatives, district level GOB departments, ministry and DOF head office senior management, and NGOs. A number of recommendations emerged from the workshops, including the need for a national level review of the fisheries acts and rules, as well as other measures aimed at promoting fisheries good practices (GP) to conserve and enhance aquatic biodiversity and fish production. IPAC plans to provide support for implementing up to 14 more district level GP dissemination workshops.

- VI.** Training of Trainers for Eco Tour Guide: A two-day long training of trainers course was held at Sreemongol from 20th to 21st October 2009 to train the existing eco-guides for developing their capacity so that they can train newly recruited eco-guides in future. The course participants were 17 of which 14 existing eco-guides and 3 Enterprise Site Facilitators. The eco-guides came from

Lawachara National Park, Rema Kalenga Wildlife Sanctuary, Satchari National Park, Chunoti Wildlife Sanctuary, Teknaf Game Reserve and ESF (Sylhet, South-Eastern and Sundarbans).

The newly developed trainers then took the lead in follow up training of eight batches of a five-day long eco-tour guide training course for 131 local youth volunteers organized in the five IPAC clusters. This was the first major TOT training course aim at developing a network of trainers from the local community in order to enhance their competence as specialized trainers while creating opportunities for alternative sources of income.

Other specialized courses and cross visits:

IPAC partner BELA organized a series of Cluster level workshops to brief CMC leaders and others on environmental law; the IPAC governance specialist has also developed a Tool Kit to orient and guide CMC on governance issues, and to provide guidelines to Community Patrolling Groups and other co-management groups.

Following a series of courses organized to develop skills in using GPS, and mobilization of assistance for baseline surveys of indicator bird species in targeted PA, WorldFish organized training and field support for fish catch monitoring.

In recognition of the need to raise awareness and to build capacity to support PA co-management at the field level, following the adoption of the Bangla name of the national network for PA, a series of 2 day orientation course on the Nishorgo Network and PA co-management was organized at the Cluster level for GoB field staff and leaders of local government and CMCs. This is being followed by the organization of a 5-day training course on the participatory process for the preparation of PA Co-management plans at the landscape level.

Following the successful organization of an initial cross visit for local stakeholders to India and another visit for GoB officials to Nepal, a third cross visit has been prepared to the West Bengal (scheduled in early August 2010) to familiarize concerned UNO, leaders and staff of concerned technical departments working with the newly formed CMC for the Sundarbans with conservation challenges and practices in the Indian Sundarbans.

Priorities for the next year

- Organize additional district level workshops on Good Practices in inland water fisheries management
- Design and implement additional Nishorgo Network orientation courses for district and upazilla GOB officers to enable them to provide increased support to CMOs
- Design and implement 5-day Co-Management Plan preparation course for CMOs
- Design and implement Community Extension Workers training course to support local organizations and site offices
- Organize/leverage additional short training courses for strengthening targeted value chains, especially on bamboo products, weaving skills development, eco-tourism, fisheries, tree nurseries, homestead gardens, medicinal plants.
- Organize writeshop for Forest Carbon Project Development in association IRG-Washington
- Implement two more batches of Certificate Course on Applied Conservation Biology & Co-Management in association with JU/IUB
- Select and orient senior GOB officials through a seminar on Community Based Natural Resources Management (CBNRM) to be organized with support from EWC
- Implement and manage Applied Research Grants including selection of researchers and themes of researches; and conduct research in association with EWC

- Organize cross site visits/site visits for GOB and NGO officials; CMC & RMO representatives to raise awareness and to build support for IPAC, and to demonstrate achievements and benefits of co-management activities
- Design & implement a short course on Landscape Approach for the concerned GOB officials
- Design and implement two batches of training course on open water fisheries management of concerned GOB officials for enhancing technical understanding
- Design and implement training courses on people skills of concerned department and project officials on a) Leadership for Change; b) Communication, Outreach, Governance & Extension; c) Basics on Co-Management: Community Organization, d) Motivation & Development Sociology and e) Natural Resources Economics
- Organize regional study tours and cross site visits for GOB and NGO officials in India & Nepal
- Identify and train key officials at Short/Certificate/Diploma courses in the sub-region

Site Specific Implementation

Achievements and Overall Progress

Much of the impetus for IPAC comes from the earlier successes of pilot activities carried out in 3 wetlands and 5 forest PA sites. Accordingly, in addition to strengthening the enabling conditions for PA co-management and capacity building, the bulk of the IPAC team personnel and resources are focused on sustaining activities in these pilot sites and in extending and scaling up co-management to other sites. In the past year, the IPAC team including over 120 staff working out of 5 Cluster offices and 16 site offices worked hard to revive support to MACH and Nishorgo pilot sites, and to support a wide range of activities in old and new sites.² This included communications and outreach, social mobilization and facilitation of the organization and functioning of resource user groups and community-based organizations, community patrolling groups, resource management organizations and co-management committees. Within the first two years of project implementation, these field activities are now underway in 25 protected area sites of the Nishorgo Network.

A range of training and capacity building activities were organized with these groups and with local government leaders, field staff of GoB technical departments, networks of eco-guides and others. AIG support was provided for targeted value chains to increase economic benefits through the development of conservation-linked enterprises, with particular progress being made with bamboo, fisheries and ecotourism value chains. Support from provided to disseminate improved cooking stoves to reduce fuelwood consumption, and to assist with improved water supplies in targeted PA landscapes. In addition, the IPAC Cluster teams supported the organization and logistics to carry out carbon inventories and socio-economic data collection in the Sundarbans and 8 other forest protected areas. Training was also provided for nurseries establishment and seedling production in anticipation of planned activities for habitat restoration. The achievements related to PMP indicators associated with site specific implementation include the following:

<i>PMP Indicator</i>	<i>Target – year 2</i>	<i>Achievement</i> <i>June 2009–May 2010</i>
1: Number of hectares under improved natural resource management as a result of USG assistance.	105,725	189,113

² For additional details, see Annex 3 Status of CMO in PA Network.

2: Number of hectares in areas of biological significance under improved management as a result of USG assistance.	40,000	178,769
3: Number of hectares of natural resources showing improved biophysical conditions as a result of USG assistance.	25,000	7,692
4: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance.	20,000	6,402
6 Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	150,000	276,593
10. Number of people in target areas with access to improved drinking water supply as a result of USG assistance	10,000	7,444
13: Number of individuals benefiting from use of improved stove and bio-gas plants.	19,600	6,337
14: Market and non-market revenue generated from AIG, ecotourism and other economic activities in targeted sites	\$800,000	\$724,397
15: Increase in density of indicator bird species in wetland and forested Landscape	TBD	In process
19: Number of communities with Co-management agreements.	TBD	32
21: Number of recorded visitors to targeted PAs.	250,000	252,664
22. Number of GOB protected areas with improved performance	15	17

In the coming year, with GoB approval of 3 DPPs and release of \$2.5 million in local currency (RPA funding) earmarked for the Forest Department, Dept of Fisheries and Dept of Environment, more progress is anticipated with habitat restoration, wetland sanctuary establishment and infrastructure development, which will then contribute to improved biophysical conditions in targeted PA landscapes. With the anticipated approval by USAID of the Landscape Development Fund small grants to be managed by IRG, additional resources can be devoted to improved drinking water supplies. Agreements have also been reached with GTZ/Grameen Shatki to leverage funding to accelerate the dissemination of improved cook stoves (ICS) in 2010-2011.

Key activities carried out

In its first two years of implementation, IPAC has made steady progress in strengthening the activities of existing CMOs established to support the conservation of wetlands (30,000 ha) and forest protected areas (23,000 ha), and extended co-management to 12 additional sites covering nearly 190,000 ha. This includes the formation of 7 new CMC in forest PA, and 1 new RMO in a wetland. In addition, social mobilization is well underway to enable the formation of 6 more CMC in the coming months.

- Two CMC were formed for Kaptai National Park, CHT Cluster (23 August 2009)
- CMC was formed for KhadimNagar National Park, Sylhet (19 October, 2009)
- CMC was formed for MedhaKachapia National Park, SE Cluster (17 Nov 2009)
- CMC was formed for Fasiakhali National Park, SE Cluster (23 Dec 2009)
- CMC was formed in Chadpai, Sundarbans Forest, Sundarbans Cluster (4 February 2010)
- RMO was formed in Aura Bora Beel in Sherpur in Central Cluster (8 Feb 2010)
- CMC was formed in Sarankhola, Sundarbans Forest, Sundarbans Cluster (12 April 2010)

Following the organization of Village Conservation Forum over the past year, the following additional CMC are due to be formed in the coming months:

- Himchari National Park
- Sundarbans West areas (2 more CMC planned)
- Moduphur National Park
- Bhawal National Park

CMC formation is underway with support from Arannayk Foundation in the proposed Inani National Park. Following the inauguration of the Dudpukuria Wildlife Sanctuary in May, 2010, efforts will be focused in the next year to extend co-management to this new site as well.

In sum, significant accomplishments at the Cluster level in the past year include the following

Sundarbans:

- formation of 95 Village Conservation Forum, Nishorgo Clubs, Peoples Forum, and two new CMC in Chadpai and Sarankhola
- orientation training on environmental law
- improved dialogue with Sundarbans Watch Group
- support for a wide range of communication and outreach activities, including interactive popular theatre, awareness raising meetings with UNO and community leaders
- outreach workshops organized with honey collectors
- organization of training and support for fisheries AIG
- completion of PRA for Sundarbans ECA
- continued consultation and coordination with SEALS project preparation team
- support for USFS specialists and IRMP study teams
- support for Sundarbans carbon inventory

Southeast:

- declaration and inauguration of Dudpukuria Wildlife Sanctuary with biodiversity assessment underway by Arannayk Foundation
- formation of 159 Village Conservation Forum, Peoples Forum, re-activation of CPG and Nishorgo Clubs, and 2 new CMC established
- awareness raising through Co-management day celebrations, radio broadcasts, miking programs, other media events
- assistance with improved drinking water supplies
- orientation training on environmental law
- training for ecoguides and assistance with entry fee collection and utilization
- AIG support and training for ICS, cap sewing, handicrafts, bamboo
- Support for carbon assessments in 6 forest PA

CHT

- Formation of 34 Village Conservation Forum, Peoples Forum and 2 new CMC for Kaptai National Park
- Support for CPG formation and trail development
- Organization of PA visits and hikes by students, youth, scouts, others
- Communication campaigns including miking against illegal activities, awareness raising and media outreach in support of PA conservation and co-management
- support for cross visits to established CMC / co-managed PA
- AIG support and training for cloth weaving, vegetable gardens
- Proposals developed for Climate Change Trust Fund

Central

- formation of 116 VCF, Peoples Forum and social mobilization for CMC in Modupur and Bhawal

- renewal of support for wetlands conservation and fisheries management and utilization of endowment funds in Turag-Bongshi and Kongsha Malijee; formation of new RMO for Aura Bora Beel
- support to FD RIMS unit for landscape land use analysis and mapping in Bhawal NP
- development of new trail guide for Bhawal NP
- assistance to local NGO for medicinal plant production and marketing
- collaboration with Oasis on bamboo value chain strengthening, training for bamboo clump management and planning for value added processing of bamboo products

Sylhet

- Formation of VCF, Peoples Forum and new CMC for Khadimnagar NP
- Organization of Consultative Meeting on Lawachara National Park
- Support for entry fee collection and utilization
- Celebration of Wetland Day, Co-management day, other awareness raising events
- Organization of hikes, visits to PA by VIPs, imans, scouts, students, others
- orientation training on environmental law
- Training of trainers for eco-guides

Priorities for the next year

In addition to related priorities for strategy development, communications and capacity building, the following specific priorities for site level implementation will be pursued in the next year:

- extend co-management to other areas of the SRF with formation of 2 more CMC
- support MoEF initiatives for equitable and transparent revenue sharing in the SRF
- develop partnerships with ILSAFARM, PRICE, WorldFish and others to leverage more support for AIG support and strengthening of targeted value chains in association with sustainable use of natural resources in the buffer zones of the SRF
- support the implementation of the Master Plan for Ecotourism infrastructure development in the Sundarbans, and completion of REDD proposals, IRMP and establishment of the PANDC
- collaborate with EU/SEALS and GTZ/Sundarbans ECA projects, and World Bank NLTA studies to leverage additional support for Sundarbans conservation
- resolves concerns and implementation issues to clear the way for full scale project implementation in CHT
- extend IPAC support to DDWS, reinforce collaboration with Arannayk in proposed Inani National Park and with CWBMP in targeted ECA; support declaration of Inani NP
- complete preparation of bundled A/R carbon projects for 6 PA and support fieldwork for carbon project preparation in additional PA in keeping with national REDD strategy
- scale up support for improved drinking water supplies
- accelerate provision of support for ICS
- support disbursement of RPA funding for habitat restoration and infrastructure development
- strengthen support for value chain strengthening by recruitment of Enterprise Manager and an expanded range of partnership with the private sector
- support reprinting and development of Trail Guides and expand support for Eco-Cottages, the Ecoguide Network and CMC management of PA visitors and ecotourism developments in targeted PA, including improved utilization and local management of student dormitories, nature interpretation centers and other infrastructure
- move ahead with CMC formation in Moduphur and Bhawal NP
- review and identify strategic opportunities and reinforce support for scaling up extension of good practices in wetlands and fisheries management in targeted water bodies
- explore needs and opportunities for establishment of endowment funds and revolving funds, especially for new CMOs

Project Management

Administration and Finance

In the past year, considerable progress was made in moving ahead with a restructuring of the IPAC team designed to reinforce enterprise development activities (using a value chain approach). Three Value Chain Associates were recruited and a new position approved and a specialist recruited as Enterprise Manager. Changes were approved in the team's Performance Monitoring specialist and in Communications specialist, and additional staff were recruited for communications and outreach support. Additional positions were also approved and persons recruited to strengthen the team in the following areas: GIS Analyst, Graphics, Technical Editor, Training Associate.

Over the past year, a major change was made as IPAC shifted responsibilities for supporting site specific implementation in two Clusters (Sylhet and Central) from the partner RDRS to CNRS. In response to increased demands and opportunities, additional site offices were also opened and more staff recruited to support field activities in the Sundarbans and Southeast Clusters.

A small grants manual was prepared to make use of the Landscape Development Fund, and approval is pending with USAID. Subcontractors were audited, budgets were reviewed and adjusted to address project implementation issues and opportunities. Subcontractor budget revisions have been approved by USAID as part of the latest contract modification and are now being implemented.

Performance Monitoring

In addition to the recruitment of a new PMP specialist and two new PMAR Associates, the PMP was strengthening by the recent approval of the addition of a socio-economic specialist, Paul Thompson who is scheduled to join the team in June, 2010.

Baseline studies for monitoring of indicator bird populations in targeted PA were carried out by Dr. Monirul Khan of JU, and the first Inception Report for the Participatory Bird Survey to assess management impacts in IPAC co-management sites was completed to summarize data from the baseline surveys. Fish catch monitoring studies and fish landing center monitoring for the Sundarbans are also being organized with the assistance of WorldFish.

Other recent engagements of the PMP team include support for carbon stock assessments, organization of a poverty assessment for USAID MRR, and collaboration with RIMS, CNRS, BCAS and others for landscape mapping for new PAs.

Preparations are also underway for a Data Quality Assessment and revision of the PMP, to be undertaken in June-September 2010.

Implementation Issues

The implementation of IPAC in CHT Cluster and the work of the IPAC implementing partner, CIPD, has been impacted by concerns raised by the Chairman, CHT Regional Council. This has stalled field activities in support of co-management of the Pablakali Wildlife Sanctuary, and caused a slow down and temporary suspension of field work to support the two CMCs established to support co-management of Kaptai National Park. Interventions by the MoEF to address concerns raised by CHTRC and a renewal of support by the Hill District Councils could help to address these issues.

The recent approval of the Forest Dept DPP and anticipated approvals of additional DPPs with DoE and DoF will present a challenge as well as an opportunity for the IPAC core team and Cluster field staff, as RPA funding is mobilized to support infrastructure development and habitat restoration.

This will require the acceleration of the preparation of PA co-management plans, and generate additional requirements for site surveys, designs, oversight and reporting, as well as intensified coordination with 3 GoB Project Directors.

In order to proceed with the sustainable scaling up of an integrated national PA system, stronger coordination and collaboration is required between FD, DoF and DoE with respect to sharing and integration of GIS databases, mapping and resource inventory systems, organization of field staff support, as well as harmonization and strengthening of the institutional supports and legal framework for PA co-management. These are major challenges and their complete resolution will require resources that are not currently budgeted in the IPAC project.

Although the latest amendment to the USAID-GoB Project Agreement was recently approved, and shortly thereafter the first of three DPPs for IPAC was approved, the consequent delays in implementation of GoB managed activities, such as the disbursement of RPA funding for infrastructure development and habitat restoration, may require some adjustment in the implementation schedules for the IRG technical support and/or for the disbursement of RPA funding provided through the DPPs. Technical assistance is scheduled to end in June 2013, while the IPAC DPP implementation schedule and need for continuing technical support such as supervision of infrastructure development and other assistance will most likely continue beyond June 2013 unless there is an acceleration of DPP investments.

Further work on a proposed GO for extending co-management to wetlands will need to address a number of institutional issues related to land rights, leasing, and the roles of different entities such as Ministry of Lands, MoFL and DoF, and others. In addition, institutional capacity issues within DoF will need to be resolved in order to fully capitalize on the potential for scaling up the participatory management of wetlands and inland capture fisheries.

Annex 1 - Activity Calendar

MARCH-2010

- Feb 27-Mar 28 Second round of certificate training course on applied conservation biology and co-management at Fisheries Training Academy, Savar
- Feb 28 Hiking program organized at Munshigonj Sundarbans with Scouts and Nishorgo Club from six schools
- Mar 1 Forest Dept Meeting on Sundarabans with USFS Planner – Joe Kreuger
- Mar 3 World Bank-Consultation workshop on Sundarban NLTA Program at World Bank
- Mar 4 Meeting on Protected Area Rules and related revisions to Forest Act
- Review meeting with CCF and Mr. Joe Krueger on Strategic Management Plan for Sundarbans Reserve Forest
- Mar 5-10 Visit to Sundarbans by Mr. Chris Hartman, USFS Landscape Architect
- 6-11 Visit to Sundarbans for Carbon Inventory checking by Mr. Ishtiaq and Mr. Shamsuddin
- Mar 8-10 Visit to Khulna for Cluster level meeting and consultative meeting by Bob Winterbottom & Joe Krueger
- Mar 9 Cluster Level project review and coordination meeting at Khulna
- Mar 10 Consultative Meeting on the proposed Strategic Management Plan for the Sundarbans at the Royal Hotel
- Mar 9-10 Participation in IUCN training workshop on Natural Resource Governance
- Mar 11 IPAC Quarterly Review and Planning with partners at FD
- Arrival of Todd Johnson- climate change/carbon forestry specialist
- Mar 12-13 Visit to Lawachara and Baikka Beel by two USFS specialist to review infrastructure planning and co-management issues
- Mar 13-14 DPPs - preparation for visit to Sreemongal by Member - Planning Commission
- Mar 14-18 Participation in WTB Workshop on Developing a conservation education and community outreach strategy for Tiger Conservation in Bangladesh
- Mar 15 Meeting with Secretary, MOEF on Carbon Projects Development
- Mar 15-19 Visit of JU/IUB to Sylhet cluster
- Mar 15-21 Training and Support for Forest Carbon Projects Development at FD
- Mar 16 Asiatic supported communication -Students events on PA Network- Dhaka University
- Mar 16 Briefing for Secretary, MOEF by USFS Team on Sundarbans Management Plan
- Mar 16 Asiatic supported communication -Students events on PA Network- Anondo Mohon University College - Mymensingh

- Mar 18-19 Floodplain Management workshop-FHRC-BELA at Brac Inn
- Mar 18-20 Asiatic supported communication-Student Events-PA Network-BAU, Mymensingh
- Mar 21-27 Jatka Week 2010 celebrations with DOF
- Mar 22 Meeting with Asian Development Bank tourism team
- Mar 23 World Water Day 2010-Half day workshop at FD on Clean Water for a Healthy World
Broadcast of Desh TV talk show for Co-Management Day; Co-management Day celebrations
- Mar 23-Apr 2 Visit by Mark Poffenberger
- Mar 24 Briefing on PA Network to WWF/IUCN delegation from Pakistan at Forest Department
- Mar 25 Nepal agriculture/enterprise development presentation-USAID
- Mar 28 Closing ceremony for 4 week certificate course on conservation biology
Meeting with SN Chowdhury at Winrock on funding for Baikka Beel infrastructure
Interview with Aga Khan Foundation selection committee for award to Vitti CONIC Design at FD
- Mar 29 Team meeting at IPAC
- Mar 30 BELA Training at Bagerhat Training Centre
- Mar 31- Apr 3 Advance Visit -reconnaissance survey of Dudhpukuria Wildlife Sanctuary

APRIL-2010

- Apr 5 Briefing with Dr. Yunus ali Dewan, Member, Planning Commission
Meeting with Bangladesh Scouts at IPAC Office
- Apr 6 Meeting with Santu Larma at Rangmati
- Apr 7 3rd committee meeting on Amendment of Social Forestry Act, 1927
- Apr 8 Talk show on Bangladesh Forests and Eco-tourism - Channel I.
- Apr 9 Lessons Learned review and working session
- Apr 10-12 Carbon Inventory orientations -Chittagong & Cox's Bazar
- Apr 12 Formation of CMC at Sarankhola
- Apr 13-14 Meeting of 3 Departments to agree on Bangla name for national PA network
- Apr 16 Meeting with USAID on Strategic priorities & PMP
- Apr 18 Briefing to Journalists for Dudhpukuria inauguration
- Apr 24 Meeting with People's Forum at Chila Union Parisad
- Apr 25 Meeting of committee on revision of Forest Act 1927
Fieldwork completed for Sundarban carbon inventory

- Apr 26 CMC meeting at Chila Union Parisad, Chandpai
 Apr 28 Technical coordination meeting with Cluster Directors

MAY-2010

- May 2 Discussion on policy issues for fisheries and wetlands conservation
 May 3 Presentation by IPAC for Nepal team with Arannayk Foundation
 May 9 Inauguration of new PA at Dudpukuria
 May 11-12 Short training course to GOB Staff-Co-Management Approach for Conserving a National Network of Protected Areas-Cox's Bazar
 May 17-18 Training of GOB Field Staff on Co-Management Approach for Conserving a National Network of Protected Areas-Srimangal
 May 19 Meeting with Mr. Santu Larma & Nikhil Kumar Chakma
 May 22 Celebration of International Biodiversity Day – Art and Essay Competition
 May 22-23 CMO Workshop- Khulna
 May 24 GTZ Mission on Coastal Management
 May 25-Aug 15 Sundarbans Fisheries Study
 May 30-31 CMO Workshop-Rangamati
 May 31 Gathering and Walkathon with Forest Dept - Brikkho Mela-2010

Annex 2 - Listing of IPAC Reports and Deliverables

Additional reports and deliverables prepared during the past quarter included:

- Carbon Development Project Training Materials – March 15-21, 2010
- Quarterly Financial Tracking Sheets for the quarter December 2009 to February 2010
- Final Report on Foreign Taxes (April 1, 2009 to March 31, 2010)
- Trip Report of Mr. Todd Johnson, Forest Carbon Specialist, IRG/W
- Quarterly In-country Training Report period January – March, 2010
- Year 2, 3rd Quarterly Report – December 1, 2009 to February 28, 2010
- First Hand Information- Impact on Mokosh Beel due to Industrial Pollution and its Effect on Local Community
- Presentation for Quarterly Review and Work Planning Session – March 11, 2010
- Meeting Minutes of IPAC - Sundarbans Cluster - Consultative Meeting held on January 20, 2010 with Civil Society on IPAC Activities
- Report on Training and Support for Carbon Development Projects
- Revised Strategic Management Plan (SMP) in English version by Joe Krueger
- IPAC Newsletter Issue No.2
- Summary Reports from 2nd Round Certificate Training Course on Applied Conservation Biology and Co-management
- Training Report on Co-Management and Nishorgo Network Orientation organized from May 11-12, 2010 and May 17-18, 2010 at Forest Academy, Chittagong

Annex 3 – Status of CMOs in PA Network

Co Management organization information as of may 2010:

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
Sylhet Cluster							
Lawachara NP	Moulavibazar	Forest Protected Area	1250	23,000	CMC	10.09.2005	<p>Orientation on policies and laws of environment, forests.</p> <p>Celebrated Bio-diversity Day, Co-management Day.</p> <p>Rescued and release wildlife</p> <p>Recovered felled trees by the CPGs</p> <p>Development works and AIGA support to the women CPG members through grant money</p> <p>Awareness program against forest burning</p> <p>Shared the experiences with the visiting CBOs/organized groups by other project</p> <p>Eco-tour guide training& spot based plant nursery training,</p> <p>CMC registration process started.</p> <p>Youth club formation and regular meeting; regular CMC, CPGs meeting.</p> <p>Household census and VCF formation.</p>

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
							Total No of VCF- 30 Total collection of entry fee- taka 1,369,230
Satchari NP	Hobigonj	Forest Protected Area	243	17,000	CMC	24.09.2005	Orientation on policies and laws of environment, forests and fisheries Celebrated Co-management Day. Rescued and release wildlife Rescued felled trees by the CPGs Development works through grant money Conduct Household census and VCF formation. Total no of VCFs 37 Peoples Forum formed; Conduct regular CMC, CPG, eco-tour guide and youth club meeting. Spot based plant nursery training, Total entry fee collected –taka 369,040
Rema kalenga Wildlife Sanctuary	Hobigonj	Forest Protected Area	1795	23,000	CMC	25.09.2005	Orientation on policies and laws of environment, forests and fisheries Celebrated Co-management Day. Rescued and release wildlife Recovered felled trees by the CPGs Conduct Household census and VCF formation Total no of VCFs 12

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
							Conduct regular CMC, CPG, eco-tour guide and youth club meeting. Total entry fee collected – Taka 7,330.
Hail Haor	Moulavibazar	Wetland	13,000	172,000	Eight RMO	See below	
					Sananda RMO	20.11.2000	Orientation on policies and laws of environment, forests and fisheries. Celebration of Wetland Day.
					Balla RMO	20.12.2000	Completed some re-excavation works through endowment fund
					Dumuria RMO	12.12.2000	Shared the experiences with the visiting CBOs/organized groups by other project Organized RMOs networking meeting
					Baro Ganggina RMO	24.01.2002	
					Jethua RMO	16.11.2000	
					Kajura RMO	22.02.2001	
					Agari RMO	28.03.2001	
					Ramedia RMO	19.07.2003	

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
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	Vaccination of cattle with the help of Upazila Livestock department. Celebrated Biodiversity Day jointly with CWBMP Regular VCG meeting
Khadim Nagar	Sylhet	Forest protected area	679	4,000	CMC	19.10.2009	Orientation on policies and laws of environment, forests and fisheries. Celebrated Co-management Day Conduct regular CMC and VCF meeting. Total no of VCF 22. Eco-tour guide training ICS follow-up activities Birds Census
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	School awareness program Attended Village, Union & Central Co-management Committee meeting. Planning meeting with IUCN & Central Committee for identifying and execution of IPAC interventions.
Central Cluster							
Modhupur NP	Tangail and Mymensing	Forest protected Area	8,436	40,000	CMC	To be formed in 2010	VCF formation completed to develop 2 CMCs; Total VCF in Do khola 37 and in Rasulpur 41. observed Co-management & Earth Day; meetings with UP, GOB, etc. Value chain established for bamboo products & medicinal plants; linkages building with Oasis. Meeting with youth group held.

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
Bhawal NP	Gazipur	Forest protected Area	5,022	100,000	CMC	To be formed in 2010	VCF formation completed to develop CMC; Total no of VCFs 38. observed Co-management & Earth Day; meetings with UP, GOB, etc. good progress in eco-tourism
Turag- Bongshi	Gazipur and Tangail	River basin	10,000	225,000	Four RMO, see below	See below	Good progress in ICS & value chain of jute & reed products; RMO & FRUG coordination meetings conducted; Accounts & organizational management for FRUG; observed Co-management & Earth Day; meetings with UP, GOB, etc.; eco-tourism opportunities assessed; ready to expand PA network
					Mokesh Beal RMO	RMO- late-Jan 2000 FRUG- 26 May 2004	EC & GB meetings going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
					Turag River RMO	RMO- early-Feb 2000 FRUG- 27 May 2004	EC & GB meetings going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
					Halua Beal RMO	RMO- mid-Apr 2000 FRUG- 15 May 2004	EC & GB meetings going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
					Goalia River RMO	RMO- early-May 2004	EC & GB meetings are going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
Kongsha Malijee	Sherpur	River basin	8,000	279,000	Five RMO, see below		RMO & FRUG coordination meetings conducted; Pond Fish culture for RMO & Accounts & organizational management for FRUG; observed Co-management &

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
							Earth Day; sharing meeting with UP, GOB, etc.; ready to establish PA network of the cluster; about to start a REDD+ project
					Takimari Dhara Basia Beal RMO	RMO-16 May 2001 FRUG-8 Apr 2004	EC & GB meetings are going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
					Doli Baila Beal RMO		EC & GB meetings are going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change;
					Bailsa Beal RMO	RMO- 19 Apr 2001 FRUG- 8 Jun 2004	EC & GB meetings are going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change
					Keota Beal RMO	RMO- 10 Feb 2001 FRUG- 27 May 2004	EC & GB meetings are going well; habitat restoration initiatives through endowment fund; mass awareness program on wetland management, climate change
					Aura Baura RMO & Aura Baura FRUG	RMO- 8 Feb 2010 FRUG- 10 Jun 2004	RMO is newly established, constitution drafted, registration process is under way; land demarcation is under way; canal re-excavation is under way through matching fund from DAE; EC & GB meetings are going well; mass awareness program on wetland management, climate change
CHT Cluster							
Pablakhali Wildlife	Rangamati Hill	Forest Protected	42,087	70,000	CMC	Formation on hold, pending	Fish Culture and Business, FCC meeting, FD-IPAC coordination meeting, GO-NGO coordination meeting,

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
Sanctuary	district	area				resolution of issues with CHTRC	Meeting at Upazila level,
Kaptai NP	Rangamati Hill district	Forest Protected area	5,464	70,000	Two CMC see below		
					Kaptai Range CMC	23.08.2009	CMC cross visit, Weaving Training, CMC, PF, FCC, Eco-Guide Meeting, Trail Development, CPG meeting, Seasonal Vegetable Garden Training, DFO & CMC office bearer meeting, Scouts and FCC member and student hiking, ICS training, Project Proposal submit to Climate trust Fund. CMC registration process started: constitution development, Miking to stop illegal activities, Household Survey Weaving and Trail Brochure Development Co management workshop. Total No of VCFs 34.
					Karnafuli Range CMC	23.08.2009	CMC cross visit, Miking to stop illegal activities, Weaving Training, CMC, PF, FCC, Eco-Guide Meeting, Trail Development, CPG meeting, Seasonal Vegetable Garden Training, DFO & CMC office bearer meeting, Scouts and FCC member and student hiking, ICS training, Project Proposal submit to Climate trust Fund, constitution development., Co management workshop.
Southeast Cluster							
Dudpukuria Wildlife Sanctuary	Chittagong	Forest Protected Area	4,717	3,000	CMC	Planned in 2010-2011	IPAC supported inauguration of newly declared DDWS by Ministry and Embassy/USAID; biodiversity assessment ongoing by Arannayk; site office being organized

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
Inani National Park	Cox's Bazar	Forest Protected area	7,700	8,000	CMC	In process with assistance of Arannayk	IPAC Awareness Program at Village level, Eco-tour guide Training, ICS Training
Himchari National Park	Cox's Bazar	Forest Protected area	1,729	10,000	CMC	Planned in 2010	VCF Formation, PF Formation, Total no of VCFs 35, Bamboo Product Development Training, Eco-tour Guide Training, CPG and Nishorgo Club Formation, IPA Awareness Program, ICS Traing
Teknaf Peninsula ECA	Cox's Bazar	Ecologically Critical Area	10,465	130,000		CBOs organized with support of CWBMP in 2008-2009	IPAC Awareness program, Coordination with CWBMP
Teknaf Game Reserve (TGR)	Cox's Bazar	Forest Protected area	11,615	115,000	CMC - Teknaf Range and Registered from SWF	06.08.2006	Orientation on Environmental, Forest and Fishery Law, Handicraft Training, Miking on stop illicit felling, Drinking water Facility Development, VCF & PF Formation, Work on CMC Reformation, Co-management Day Observation Total no of VCF 24. Total Entry fee collected Taka 35,755
					CMC - Whykong Range and Registered from SWF	29.08.2005	Orientation on Environmental, Forest and Fishery Law, Miking on stop illicit felling, VCF & PF Formation, Work on CMC Reformation,
					CMC- Shikhali Range and Registered from SWF	27.09.2006	Orientation on Environmental, Forest and Fishery Law, Miking on stop illicit felling, VCF & PF Formation, Work on CMC Reformation, Co-management Day Observation
Medhakachapia	Cox's Bazar	Forest Protected	396	20,000	CMC –	17.11.2009	VCF, PF and CMC Formation, CMC Member Exposure

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
National Park		area			Fhulchari Range		visit at Teknaf, Drinking Water Facility Development, Handicraft Training (cap Sewing), Bamboo Product Development Training, CPG Formation. Total no of VCF 13
Fasiakhali Wildlife Sanctuary	Cox's Bazar	Forest Protected area	1,302	50,000	CMC – Fhulchari Range	23.12.2009	Total no of VCF 30, PF and CMC Formation, CMC Member Exposure visit at Chunoti, Handicraft Training (cap Sewing), Bamboo Product Development Training, CPG Formation, IPAC Awareness Program, FD-IPAC Staff Coordination Meeting, Co-management Days Observation
Chunati Wildlife Sanctuary	Cox's Bazar and Chittagong	Forest Protected area	7,764	47,284	CMC –Chunati Range and Registered from SWF	24.08.2005	Orientation on Environmental, Forest and Fishery Law, VCF, PF Formation, Preparatory work of CMC reformation as per new GO, Miking for stop illicit felling. Reactivation of old CPG, Nishorgo Club Meeting , Co-management Days Observation, Total no of VCF formed 31. Total entry fee collected- taka 5,725.
	-do-	Forest Protected area			CMC – Jaldi/Puichari Range	10.08.2006	Orientation on Environmental, Forest and Fishery Law, VCF, PF Formation, Preparatory work of CMC reformation as per new GO, Reorganize of Bamboo mat produce group, Reactivation of old CPG, Nishorgo Club Meeting. Total no of VCF formed 26
Sundarbans Cluster							
Sundarbans East WS	Bagerhat and khulna	Forest Protected area	31,226	300,000	CMC Sarankhola Range	12.04.2010	Orientation on Environmental, Forest and Fishery Law, VCF, CMC declaration in Chandpai, PF Formation, , Nishorgo Club Meeting, IPT, CMC meeting. Total no of VCF 21, Co management Workshop held.
					CMC Chadpai Range	04.02.2010	Orientation on Environmental, Forest and Fishery Law, VCF, PF Formation, Nishorgo Club Meeting, IPT Total no of VCF 29, Co management Workshop held.

PA Name (Site)	District	Type of PA	Area Coverage (Hectare)	Target Population	Type of Organization	Dates of Formation	Training/ Orientation/Activities
Sundarbans West WS	Satkhira and Khulna	Forest Protected area	71,502		CMC Satkhira Range	To be formed in 2010	Site office opened in Mushingonj; PRA completed and extensive consultations held with local stakeholders; workshop organized with honey collectors, Total no of VCF 45
Sundarbans South WS	Khulna	Forest Protected area	36,970				
Sundarbans ECA	Khulna, Satkhira, Bagerhat, Barguna and Pirojpur	Ecologically Critical Area	59,600				Site assessment completed.

Annex 4 – Capacity Building Events 2009-2010

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
Sylhet	Awareness Raising					
	Training on laws & polices of forest, fisheries & environment	3	56	9	65	
	District level workshop on dissemination of good practices in fisheries sector	2	230	14	244	
	Workshop on lessons learned in wetlands and forest co-management	1	90	3	93	
	Social Mobilization Skill Development					
	Training on interactive popular theater	2	25	0	25	
	Group Promoters training	4	23	34	57	
	AIGA Skills Development					
	Eco-tour guide training	2	31	2	33	
	Bamboo product development	4	0	41	41	
	ICS training at KNP	1	10	15	25	
	Training of trainers for existing eco-tour guides	1	16	1	17	
	Improved management of Bamboo clumps and gender awareness	1	10	15	25	
	Spot based training on home gardening	1	0	25	25	
	Nursery management training	1	5	0	5	
	Program Monitoring & Management					

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
	Fish catch monitoring and length frequency data collection	2	8	0	8	
	Training on revenue collection and tourist management	1	23	1	24	
	Entry fee orientation at Srimangal	1	25	0	25	
	Sub-Total		552	160		712
Sundarban	Awareness Raising					
	IPAC orientation training	65	1634	1031	2665	
	Orientation training of polices and laws on environment, forest and fishery	1	14	7	21	
	Social Mobilization Skill Development					
	Group promoter orientation training	4	66	39	105	
	AIGA Skills Development					
	Eco-tour guide training	2	15	5	20	
	Pond fish culture training	11	198	114	312	
	Homestead vegetable cultivation training	2	38	13	51	
	Program Monitoring & Management					
	Co-management organization workshop	1	18	6	24	
	Sub-Total		1983	1215		3198
Central	Awareness Raising					
	Workshop on environmental law	1	26	7	33	
	Orientation on IPAC	2	47	13	60	

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
	Social Mobilization Skill Development					
	Group Promoters orientation	1	11	0	11	
	AIGA Skills Development					
	Medicinal plant gardening	2	15	9	24	
	Eco-tour guide training	1	18	2	20	
	Tailoring training	2	0	24	24	
	Pond fish culture	1	17	2	19	
	Training on tree nursery	1	4	0	4	
	Homestead vegetable cultivation	1	16	16	32	
	Bamboo clump management	1	16	9	25	
	Program Monitoring & Management					
	Inception workshop of IPAC Project for central cluster	1	85	8	93	
	Sub-Total		255	90		345
CHT	Awareness Raising					
	Orientation of Kaptai and Karnafully Co-management Council Member on Existing Forest, Environment and Fisheries laws	1	91	9	100	
	AIGA Skills Development					
	Homestead vegetables production and management	9	0	179	179	
	Weaving training	4	0	72	72	
	Eco-guide training	1	14	0	14	

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
	Fish culture and business	1	30	0	30	
	Training on "Nursery raising and its management"	1	10	6	16	
	TOT on Improved Cooking Stove (ICS)	1	8	0	8	
	Sub-Total		153	266		419
SE	Awareness Raising					
	Training on laws & polices of forest, fisheries & environment	2	50	6	56	
	Social Mobilization Skill Development					
	Promoter's orientation	5	54	9	63	
	AIGA Skills Development					
	Bamboo mat producer refreshers training	2	0	50	50	
	Eco-rickshaw puller refreshers	1	21	0	21	
	Value chain training on 'Bamboo made products (Kharung) development'	3	12	103	115	
	Value chain training on 'Cap sewing'	1	0	30	30	
	Eco-tour guide training	2	38	6	44	
	Month long handicraft development training of women	1	0	21	21	
	Value chain training on 'Pond fish culture'	1	11	0	11	
	Weavers orientation	1	4	44	48	
	Eco-rickshaw puller orientation	1	25	0	25	
	Pond fish culture training	1	11	0	11	

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
	Training on nursery demonstration/establishment	2	6	5	11	
	Program Monitoring & Management					
	Exposure visit of Fashiakhali Wildlife Sanctuary Co-management Committee	2	86	12	98	
	Tourist and revenue management in PAs	1	32	1	33	
	Sub-Total		350	287		637
Dhaka	Awareness Raising					
	Dissemination of good practices in Fisheries sector	1	111	9	120	
	Orientation workshop on forests, fisheries & environment	1	20	3	23	
	Social Mobilization Skill Development					
	Workshop with people's theatre	1	24	4	28	
	AIGA Skills Development					
	Workshop on application of AIG modules	1	42	4	46	
	Program Monitoring & Management					
	Orientation program on operationalizing the approved guidelines for entry fees	1	54	1	55	
	Annual review and work planning session 2009	1	39	3	42	
	Quarterly review and work planning session	2	92	9	101	
	Fish catch monitoring and length frequency data collection	2	10	0	10	
	GOB/University/NGO Officials Professional Skill Development					

Cluster/ Place	Course Name	No of Course	No of Participants			Sub-total of Participants
			Male	Female	Total	
	Writeshop on 'Rural livelihoods & protected landscapes: Co-management in the wetlands and forests of Bangladesh'	1	5	6	11	
	GPS and its use in forest practices	2	45	0	45	
	Applied conservation biology & co-management	2	35	5	40	
	Certificate course on carbon financing	1	106	17	123	
	Certificate training course on carbon project development	1	24	1	25	
	Carbon project development	1	21	3	24	
	Co-management and Nishorgo Network orientation for filed officials of FD, DoF and DoE	2	47	0	47	
	Sub-Total		675	65		740
	Total		3968	2083		6051

Summary Report – Capacity Building Activities 2009-2010

Course Name	No of Course	Male	Female	Total
Awareness Raising	80	2369	111	3480
Social Mobilization Skill Development	17	203	86	289
AIGA Skills Development	69	641	813	1454
Program Monitoring & Management	15	472	41	513
GOB/University/NGO Officials Professional Skill Development	10	283	32	315
Grand Total	191	3968 (66%)	2082 (34%)	6051

Annex 5 – Performance targets and achievements

Table: Performance target and achievements for IPAC June 2008 to May 2010 (targets and achievements are cumulative)

Indicators	Baseline NSP+MACH	Target: Year 2 (June'09 to May'10)	Achievements June'09 to May'10	Comments
Common Indicators				
1: Number of hectares under improved natural resource management as a result of USG assistance.	134,268	105,725	189,113	Includes Medhakachapia NP, Fashiakhali WS, Khadimnagar NP, Aura-baura beel, Kaptai NP and 3 WSS in the SRF; NRM activities are in progress in Nishorgo and MACH sites as well
2: Number of hectares in areas of biological significance under improved management as a result of USG assistance.	46,111	40,000	178,769	Core area of above PA sites
3: Number of hectares of natural resources showing improved biophysical conditions as a result of USG assistance.	32,743	25,000	7,692	Areas (interface) brought under physical interventions including buffer plantation, homestead gardening, organic farming, pond fish culture etc.
4: Number of hectares in areas of biological significance showing improved biophysical conditions as a result of USG assistance.	2,673	20,000	6,402	Silvicultural operations in forest PAs and habitat restoration in wetlands
5: Number of policies, laws, agreements or regulations promoting sustainable natural resource management and conservation that are implemented as a result of USG assistance.	2	5	9	GoB gazettes, revision of rules, Govt. orders etc. including recent declaration of new Forest Protected Areas Sangu WS, Hazarikhil WS, Barayadhala NP, and Dudpukuria-Dhopachari WS (06 April 2010)
6: Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	137,830	150,000	276,593	Beneficiaries (including family members) from IPAC interventions like value chain promotion, training, leverage micro-finance and water & sanitation supports
7: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	32,203	10,000	8,932	Persons trained in different AIGAs and conservation enterprises.
8: Number of people with increased adaptive capacity to cope with impacts of climate variability and change as a result of USG assistance.	137,830	75,000	373,412	Beneficiaries (including family members) of AIGA trainings, Leverage MF, ICS, Water and sanitation
9: Quantity of greenhouse gas emissions, measured in million metric tons Carbon, reduced or sequestered as a result of USG assistance (million metric Ton C).	TBD	6	-	Carbon inventory are in progress at Sundarbans, Teknaf, Inani, Himchari, Medhakachapia, Fashakhali, Dudpukuria, Sitakunda and Rema-kalenga forest PAs
10: Number of people in target areas with access to improved drinking water supply as a result of USG assistance.	0	10,000	7,444	Beneficiaries (including family members)

11: Number of people receiving USG supported training in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills and techniques.	0	300	453	BELA training (281 persons), Orientation to FD/CMOs and specialized training courses (172 persons)
12: Number of people receiving USG supported training in global climate change including framework convention on climate change, greenhouse gas inventories, mitigation, and adaptation analysis.	0	25	378	Includes certificate courses, carbon finance orientation & training, research grants and exchange visits to abroad
Custom Indicators				
13: Number of individuals benefiting from use of improved stove and bio-gas plants.	25,166	19,600	6,337	1032 ICS are installed; ICS owning family members are included.
14: Market and non-market revenue generated from AIG, ecotourism and other economic activities in targeted sites.	\$ -	\$ 800,000	\$ 724,397	Earnings of value chain beneficiaries and eco-tourism; 1US\$ = BDTk. 70
15: Increase in density of indicator bird species in wetland and forested landscape.	TBD	TBD		Baseline survey completed for IPAC sites at Khadimnagar, Modhupur, Fashiakhali, Medhakachapia & Kaptai NP and Yr2 review on-going
16: Amount of leveraged financing for conservation.	\$ -	\$8.6 million	\$ 17,276,069	Includes finance from EC (Seals), GTZ, local MFIs
17: Number of individuals that are aware of a national Protected Areas network.	20,000	500,000	183,653	SPOT based Awareness meeting and other IPAC events at cluster and central level
18: More active and decisive support of PA co-management by FD, DoE, DoF and Local Government.		TBD	17	Support GOB agencies and local administration for AIGAs, improved administrative management, policy support, law enforcement and capacity building, communications and training support
19: Number of communities with Co-management agreements.	FD-08, DoF 16	TBD	CMC/RMO - 32 Nos.; FRUG/RUG/VCF/PF - 532 nos.	Includes NSP, MACH and ECA Management Committee and new PA co-management organizations.
20: Number of training curriculums developed and trained modules designed and taught.	-	6	20	Training curriculumns developed both at centrally as well as cluster level and implemented
21: Number of recorded visitors to targeted PAs.	55,428	250,000	252,664	
22: Number of GoB protected areas with improved performance	5	15	17	NSP's 5 PAs and 3 MACH wetlands are progressing while 5 new PAs (Khadim NP, FKWS, MKNP, Kaptai NP & SRF East WS) and Aura-baura beel are brought under improved performance; in addition CMCs will be formed soon at HNP, BNP & MNP.

Deleted: MACH wetlands