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# INTEGRATED PROTECTED AREA CO-MANAGEMENT (IPAC)

FIRST ANNUAL PROGRESS REPORT

June 2008 – May 2009

And

FOURTH QUARTERLY PROGRESS REPORT

March 1, 2009 – May 31, 2009

July 15, 2009

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International Resources Group (IRG)

With subcontractors:

WWF-USA, dTS, East-West Center

Environmental Law Institute, Epler-Wood International

The WorldFish Center, CIPD, RDRS, 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
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
CO	Contracting Officer
CODEC	Community Development 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
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 Users Group
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 Forest
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
PMP	Performance Monitoring Plan
PPP	Public Private Partnerships
ProAg	Program Agreement
PRSP	Poverty Reduction Strategy Paper
RDRS	Rangpur Dinajpur Rural Service
RFTOP	Request for Task Order Proposal
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
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

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# 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.<sup>1</sup>

The technical support contract for the Integrated Protected Area Co-Management (IPAC) Project was awarded on June 4, 2008 by USAID/Bangladesh through the PLACE Indefinite Quantity Contract (IQC) through Task Order no. EPP-I-01-06-00007-00. The IPAC contract provides for technical advisory services and other support to be provided over a five year period (2008-2013) to GOB environment, forestry and fisheries agencies responsible for the conservation of Protected Areas in Bangladesh. The IPAC team is also working directly with key stakeholders at the local level support to the further development and scaling up of the collaborative management or co-management of Protected Areas in Bangladesh.

This Annual Progress Report covers the first year of IPAC, from June 2008 to May 2009. It includes the fourth quarter of IPAC implementation (March-May 2009) and is being submitted in lieu of a fourth quarterly progress report. This report summarizes the accomplishments and successes achieved in the first year of IPAC, along with challenges to be addressed in the years ahead.<sup>2</sup> Annexes for this Annual Report include details of the IPAC Activity Calendar, a listing of IPAC reports and deliverables and updated data for the IPAC Performance Monitoring Plan indicators. Further information about the strategic priorities and activity plans for the next year of IPAC implementation is included in the Second Annual Work Plan for IPAC. For more information, please contact: IPAC, House 68 (2<sup>nd</sup> floor), Road 1, Block I, Banani, Dhaka 1213, Bangladesh tel. 880-2-987 3229 or visit [www.nishorgo.org](http://www.nishorgo.org).

## Summary of Accomplishments

### Accomplishments and Successes

During the first year of IPAC, several major successes were achieved, including:

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Formal approval by the Ministry of Finance and the Ministry of Environment and Forests of a new policy granting 50% of revenues from entry fees to Protected Area to finance PA co-management and local community development; guidelines for the collection and utilization of entry fees were also approved, and training is underway to facilitate implementation of the guidelines and to enable co-management committees to access the grant funds

- Confirmation of the government's commitment to public-private partnerships in support of infrastructure development in Protected Areas, and renewal of permission to proceed with

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

<sup>2</sup> This report also refers to a number of key activities planned in the fourth quarter and actually completed in the first half of June 2009.

the construction of the Co-managed Nature Interpretation Center (CONIC) for Lawachara National Park; the innovative and award-winning design for the CONIC was developed with support from NSP, and a PPP fund-raising campaign was launched in 2007-2008, but stalled by questions raised by the Forest Dept; the concerns were addressed and plans for fund-raising and ground-breaking are now back on track.

- Leveraging of 10 million Euros (US\$12.5 million) in funding from the EC for the SEALS project in the Sundarbans; this project will provide additional support for AIG activities in rural communities around the Sundarbans and much needed investment in improved infrastructure and operational support for the Forest Department field staff working to conserve the Sundarbans.
- Development by a consortium of public and private universities of a curriculum for the first certificate course on conservation biology and co-management; this first of its kind 6-week course will be offered in July-August 2009 by the faculty of IUB/JU and provide specialized professional training for mid-career staff of government agencies and NGOs providing support to site level implementation of PA co-management activities.
- Significant progress in development of the strategic framework for the establishment of a network of co-managed Protected Areas, and mainstreaming of participatory and collaborative approaches to the conservation of biodiversity in association with increased economic benefits for local communities; over the past year, the IPAC team has supported an analysis of the legal framework for co-management and identified gaps and areas to be strengthened – including the updating and generalization of a government order for co-management organizations, the revision of the Wildlife Act and Social Forestry Rules, and facilitation of PPP and carbon financing; the team developed an innovative strategy for the development of community based ecotourism in the Teknaf peninsula; assessed capacity building needs and prepared a capacity building strategy for IPAC; assessed experience from pilot approaches for the co-management forest and wetlands co-management and identified major lessons learned and implications for the IPAC strategic framework.
- Considerable awareness-raising has been achieved about both the concept of co-management and of the need for an integrated national system of co-managed Protected Areas; over the past year, the IPAC team worked with concerned Departments and Ministries of the GoB and partners to organize Workshops for IPAC work planning with FD, DoF and DoE, a National Launch of the IPAC Program, Inception Workshops in each of 5 IPAC Clusters and a major, high-level Consultative Meeting on the Conservation and Co-management of the Sunderbans; during the Sundarbans meeting, a public commitment was made for a strategic shift in the management of the Sundarbans, to give more emphasis to a participatory, co-management approach, with more attention to biodiversity conservation, increased community level benefits and ecotourism development. Additional Consultative Meetings for decision-makers are planned for Lawachara National Park, Modupur and other areas and topics.

In association with these successes, over the past year, the IPAC team, partners and local stakeholders made significant progress in implementing the actions outlined in the first annual work plan for IPAC, including the following activities described more fully in the main sections of this report:<sup>3</sup>

- Completed a review and analysis of the legal framework for Protected Area co-management, and drafted a new Government Order for the establishment of CMC in Forest Dept protected areas

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<sup>3</sup> Additional achievements and accomplishments are also documented in previously submitted quarterly progress reports.



- Completed the KAP survey and developed a framework and draft creative briefs for the IPAC Communications Strategy
- Contributed to awareness raising efforts in association with America Week, World Wetlands Day, Sundarbans Day, visits to LNP and Hail Haor by Dhaka University students, and the 9<sup>th</sup> regional exhibition for Scouts
- Carried out a SWOT analysis and assessment of ecotourism opportunities in the Sundarbans
- Finalized and signed subcontract agreements with 8 local implementing partners
- Completed the recruitment process for IPAC field staff posted in five IPAC Clusters, including Site Coordinators, Site Facilitators, Communications and Governance Facilitators, Enterprise Support Facilitators, Performance Monitoring / Applied Research Advisors and Cluster Support Provision Coordinators
- Organized site level PRA and related assessments designed to guide site level implementation of IPAC support activities; information sharing meetings and social mobilization efforts are underway around 8 new targeted PA sites to facilitate the organization of village conservation forum and co-management organizations, in close collaboration with GoB field staff
- Completed an initial survey of bamboo resources in targeted sites, and organized a 6 day training workshop on value chain program design and enterprise development; IPAC partners Oasis Transformation Ltd. and Action for Enterprise collaborated to plan and offer this training for GoB staff, interested NGOs and IPAC field staff, including Site Coordinators and Enterprise Support Facilitators
- Developed a communiqué on good practices in the fisheries sector to be used by the Dept of Fisheries in district level workshops to disseminate proven good practices in wetland conservation and water resources / fisheries management
- Organized short term training for IPAC staff and partners, including orientation training for newly recruited field staff, and advanced with the preparation of specialized training in ecotourism development, governance, value chain analysis / enterprise development, communication, cross visits, and supporting study tours to Nepal and West Bengal
- Completed an initial visit to potential partner universities, training programs and wetland / forest co-management networks in Thailand
- Completed an initial visit and consultation with East West Center in order to plan the organization of small grants in support of applied social science research.
- Organized collection of baseline data of selected indicator bird populations in targeted Protected Areas, to monitor IPAC's impact on biodiversity conservation.

## Perspective on IPAC accomplishments

In taking stock of the accomplishments of the first year of IPAC, it is helpful to provide some perspective on both recent progress and the challenges inherent in implementing IPAC. An initial challenge for the implementation of IPAC was the organization, staffing and training of large and diverse team. IPAC absorbed most of the staff of the Nishorgo Support Project, which officially ended in November, 2008. Between the period of June and November, 2008, there was a gradual transition as NSP activities were phased out or handed over to IPAC, and as staff shifted from the old project to the new one. It was not possible to entirely shift the focus of most project staff to the planning and implementation of IPAC until November 2008, after NSP activities were completed and closed out.

During the period June – December 2008, the staff of key subcontractors was also gradually mobilized and phased in to a steadily increasing work load with IPAC. An initial constraint was a delay in approval of subcontracts with local partner organizations; once the subcontracts were approved in late 2008, subcontracted staff shifted their attention to IPAC implementation, and new staff could be recruited as needed. By the first quarter of 2009, more than 130 persons were mobilized as part of the IPAC core team and associated staff of implementing partners.

As part of the recruitment and mobilization process for field staff required to support site level implementation of IPAC, considerable efforts were made to rethink the job descriptions and qualifications for Site Coordinators, Site Facilitators and other key positions. The majority of field staff mobilized for IPAC has more experience and was newly recruited by the implementing partners. However, owing to the time required to identify better qualified field staff, and delays in gaining approvals of subcontracts, a gap emerged between the end of the employment period of MACH field staff (in June 2008) and NSP field staff (phased out from September to October 2008) and the mobilization of IPAC field staff (phased in from December 2008 to March 2009). This gap negatively impacted the transition in field support from MACH/NSP projects to IPAC, and delayed the achievement of IPAC site level implementation targets, particularly with respect to training and income generation.

During the first year of IPAC and throughout the partner/staff mobilization process, the IPAC project team invested considerable time and effort in building institutional relationships at many levels. This included the organization of a series of introductory and planning workshops designed to familiarize key implementing agencies of the GoB and partners with the scope of work and targeted results of IPAC while promoting a dialogue on needs to be addressed and priority actions to be implemented with IPAC support.

During the first few months of IPAC, three planning workshops were held with the Forest Dept, Dept of Fisheries, and Dept of Environment. These workshops were organized to prepare the first Annual Work Plan for IPAC which was completed in July 2008, as planned. In the ensuing months, additional briefings were organized for the Secretary, Minister and senior staff of the Ministry of Fisheries and Livestock, Ministry of Environment and Forests, and Ministry of Chittagong Hill Tracts Affairs. Informational meetings were organized with the Ministry of Lands, and Ministry of Finance.

Following the national elections held in December, 2008, the caretaker Government handed over power to the appointed Ministers and other officials of the new Government. As a result, there were numerous changes in senior staff of MoEF and MoFL and in the three technical departments responsible for IPAC implementation.

During the past year, the team worked closely with these Ministries and technical departments to prepare and obtain the approval of the IPAC TPP, covering the first year of IPAC (up to June 30, 2009). In addition, three separate DPPs have been prepared, with the planning staff of the Forest Dept, Dept of Fisheries and Dept of Environment, and the approval process is ongoing to cover the remaining period of IPAC implementation. A final Steering Committee Meeting for NSP was organized in November 2008, and the IPAC Steering Committee was organized and held its first meeting in January 2009.

The team also worked with a number of “strategic partners” who do not have subcontracts for IPAC implementation, but whose collaboration will be critically important to the success of IPAC. This includes development of close working relationships with the MACH NGOS (CNRS, Caritas and BCAS). The MACH project officially ended in June 2008, but provision was made for local currency funding of a two year phase of extended support for monitoring. Over the past year, IPAC has assumed the leases for field offices located near MACH sites and provided logistical support to staff of CARITAS and CNRS that have remained involved in MACH follow up support.

The IPAC team also promoted collaboration with the Arannayk Foundation, the Tiger Action Plan (implemented in association with the Wildlife Trust of Bangladesh and others) and the Bangladesh Cetacean Diversity Project (implemented with support from the Wildlife Conservation Society).

At the Cluster level, IPAC staff and partners organized Inception Workshops in each of the five Clusters targeted by IPAC. This involved introducing the concept co-management in two new areas – Sundarbans and Chittagong Hill Tracts – as well as reinforcement of co-management initiatives in Moduphur. The team organized a major Consultative Meeting with stakeholders concerned with the conservation of the Sundarbans, and participated in the design of the EC funded Sundarbans Environment and Livelihood Support (SEALS) project. Numerous meetings and briefing sessions were organized with the Rangamati Hill District Regional Council, the UNDP funded Chittagong Hill Tracts Development Facility, concerned Deputy Commissioners and UNOs and with local technical staff of the Forest Dept and Dept of Fisheries in IPAC Clusters. IPAC offices were set up in each the five IPAC Clusters, and 20 additional field offices were set up to support the field work of field staff recruited to facilitate site level implementation.

In addition to a wide range of training and capacity building activities, considerable effort was devoted in the first year to orientation and training of the IPAC team and partners. Within several weeks of the approval and signature of subcontracts for the three Cluster level IPAC implementing partners and the initial round of field staff recruitment, a three-day foundation training course was organized in December, 2008. It was followed over the next four months with additional specialized training courses on governance, ecotourism, enterprise development and communications, in addition to follow up staff orientation and training in support of site level implementation in each Cluster.

The IPAC team carried out a number of field level assessments to assist in the planning and organization of the first year of site level implementation, including an assessment of MACH wetland sites, and the organization of PRA/RRA field studies for each of the targeted Protected Area sites in all five Clusters. To date, a total of 21 PRA site assessments have been completed.

During the first few months, a procurement plan was prepared, and in the first year, basic office equipment, phones and computers have been procured. Arrangements were also made for vehicles.

The sum total of these efforts required considerable technical, administrative and logistical support from the IPAC team – and provide a necessary foundation for the achievement of targeted results in the coming year.

## Project Implementation

IPAC project support includes three main components:

1. **IPAC Strategic Framework:** Development of a coherent strategy for establishment of a national integrated system of co-managed protected areas, through support for constituency building; visioning, policy analysis and biodiversity conservation strategy development; partnership building for sustainable financing of a PA network; 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.

The IPAC project will also support **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.

With local currency funding mobilized by USAID and disbursed directly through the GoB implementing agencies (FD, DoF and DoE), the IPAC program has also earmarked \$2.2 million in investment for **infrastructure development** and **habitat restoration** in targeted IPAC sites. In addition, the IPAC program aims to leverage funding and additional support for PA co-management from other development assistance agencies and the private sector through complementary projects, PPP investments and strengthening of value chains linked to PA conservation.

In June-July 2008, a detailed implementation plan and schedule for completion of targeted results and deliverables was prepared in close consultation with the GoB and IPAC partners. The first quarter of IPAC project implementation was characterized by initial mobilization and work planning. Over the second quarter, the IPAC team, partners and local stakeholders accomplished many additional follow on tasks related to mobilization and start-up.

In the second and third quarters, the team made significant progress in the review and analysis of the legal framework for Protected Area co-management, in the development of an ecotourism strategy for the Teknaf peninsula, the preparation of a new Government Order for CMCs, approval of entry fee retention guidelines, organization of short term training for IPAC staff and partners including orientation training for newly recruited field staff. The curriculum for a six-week certificate course on conservation biology and co-management was prepared by IUB/JU, and preparations made for the award of applied social science research fellowships and associated capacity building. A KAP survey was completed and used to develop a communications strategy and activity plan for IPAC.

In the fourth quarter of the first year of IPAC, the team carried out an assessment of lessons learned from wetlands co-management, and an analysis of capacity building needs and development of capacity building strategy for IPAC. A major consultative meeting on the conservation and co-management of the Sundarbans was organized, along with cross visit by community stakeholders to West Bengal and a study tour to Nepal for senior officials of the GoB. The team carried out specialized training in ecotourism development, communications and governance, and on natural resource inventory systems and the use of GPS. Baseline data collection was organized to monitor the populations of indicator birds in targeted Protected Areas. Field teams completed PRA/RRA surveys and prepared assessment reports to guide site level implementation. The following sections provide more details about these and other activities implemented over the past year for each of the main components of IPAC.

## Development of IPAC Strategic Framework

During the first year of IPAC, activities for this component were implemented in three major areas: constituency building / outreach, strategy development and partnerships / financing. Significant progress made with respect to specific tasks identified in the first annual work plan are outlined below.

**Constituency Building / Outreach**

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Initial Visit by Joan Ablett	Organization of support by Asiatic for KAP survey and communications plan
KAP survey and preparation of creative briefs	Completed survey; identified stakeholders; key messages developed
Preparation of communication plan	Communications strategy and first annual plan drafted, reviewed and finalized; creative briefs for key messages prepared
Preparation of briefs, weekly reports, success stories, newsletters, communications materials	Materials prepared for IPAC launch, planning and inception workshops, briefings; working group prepared extension materials (communiqué) for good practices in wetland and fisheries management; first newsletter prepared
Outreach with students, communities, private sector, other stakeholders	Site visits by Dhaka University students to LNP and Baikka Beel; collaboration with Leaders of Influence; ecotourism discussions with tour operators, organization of mass meetings; contributed to DoF MACH Mela, FD Tree Fair, World Environment Day, Wetlands Day, cross-visits by local stakeholders

**IPAC Strategy Development**

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Policy Advisory Group	Recruited Policy Advisor on interim basis; TOR prepared for Policy Group; prospective advisors identified pending organization of formal meeting
Assessment of IPAC site selection priorities	Planning workshops organized with GoB; Inception workshops and PRA field work carried out with local stakeholders
Analysis of policy and legal framework	Two missions organized by ELI legal specialists; report prepared and briefing organized for senior GoB officials; BELA mobilized for follow up; drafted new GO for CMC; gained approval of new policy for entry fee sharing; confirmed approval of CONIC PPP funding; consulted with DoF and MoL on new leasing policy; consulted with FD and MoEF on social forestry / benefit sharing / zoning reforms
Take stock of lessons learned from MACH, Nishorgo, CWBMP	Nishorgo book under preparation; second EWC publication printed; lessons learned seminar organized; wetlands consultative meeting planned
Organization of stakeholder meetings to discuss strategic	Consultative Meeting held for Sundarbans; TOR for Economics study and concept note prepared for Strategic Management Plan for Sundarbans; EWI prepared strategy for community based ecotourism in

framework for IPAC	Teknaf; prepared Catterson / Alam report on assessment of capacity building needs and development of capacity building strategy
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### Development of Partnerships / Sustainable Financing for PA Co-management

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Assess constraints / ensure collection and retention of PA entry fees	FD, MoEF and MoF finalized and approved guidelines for collection and use of PA entry fees, for all existing and prospective FD Protected Areas; initial training organized to facilitate grants to CMC of 50% of collected entry fees
Examine adjustments or innovations needed in benefit sharing to increase motivation of CMO	Mobilized legal / institutional specialist and work underway with MoEF and FD to propose revisions in Social Forestry Rules  Working with MoFL and DoF to remove obstacles to use of UFC/RMO Endowment Fund
Review recommendations of PPP roundtable and move ahead with CONIC	IPAC Steering Committee met and approved PPP investment for LNP Interpretative Center; private sector contributors contacted – fundraising underway and ground breaking targeted for August 2009
Liaise with PPP activities of Tiger Action Plan and promote collaboration with Arannayk Foundation	Commented on draft Tiger Action Plan – and collaboration underway with TAG/WTB for field activities; collaboration with Arannayk for support to co-management in Teknaf / Inani
Mobilization of carbon project funding	Liaison with GTZ for Chunoti pilot; collaboration with USFS for development of training course and REDD project for Sundarbans

In the second year of IPAC, emphasis will be given to the effective mobilization of the Policy Group, and to the completion and approval of a strategic framework and action plan for the IPAC program. This will incorporate insights from a major lesson learned workshop planned for June 2009, as well as elements from the Teknaf ecotourism strategy, capacity building strategy and findings of the ELI and BELA reviews of the legal and policy framework for PA co-management. The team will support the formal adoption of the new GO for CMO, revisions to the Social Forestry Rules and associated PA Rules, as well as the approval of revisions to the Wildlife Act. The IPAC communications strategy and activity plan will be implemented, to build a constituency for the establishment of the national IPAC network and to support increased benefits and economic incentives for local level investments and behavior changes in support of conservation and improved NRM. Mobilization of grants from PA entry fees will be supported and promoted, in addition to additional leveraged funding for IPAC and the preparation of carbon / climate change projects in support of the IPAC program.

## Capacity Building

The capacity building and training component of IPAC is critically important to both scaling up and sustaining co-management of Protected Areas. Capacity building is a key element of the exit strategy

of IPAC – and successful capacity building is a prerequisite for enabling both local stakeholders and responsible government agencies to continue with co-management activities well beyond the end of IPAC project support.

During the first year of IPAC implementation, the project team focused its training and capacity building efforts on key personnel in the three technical departments most directly responsible for Protected Area co-management (Forest Dept, DoF and DoE) along with the technical staff of associated NGOs and implementing partners, particularly those working at the field level. This focus was needed to ensure that GoB and IPAC field staff had the basic information needed to be effective in planning, facilitating and supporting IPAC implementation in each Cluster.

During the second year of IPAC, this basic orientation and training will be reinforced with the development of a “tool kit” and fact sheets on “good practices” for PA co-management, along with an array of supporting communication materials. The team will also shift the focus of training to give more emphasis to capacity development at the PA site and community level, including additional training for field staff of government agencies along with an expansion of “training of trainers” aimed at the development of a network of “local support services”. The team will also reinforce linkages with private sector / commercially viable service providers, and leverage greater synergies in capacity building through partnerships with other projects and programs.

With respect to the planned activities outlined in the first annual work plan for IPAC for this component, significant progress was achieved with all targeted activities, as follows:

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Review findings of NSP institutional capacity building assessment and update training needs	Tom Catterson and Dr. K. Alam consulted with GoB, field staff and CMO; report prepared and briefing organized; findings to be incorporated into IPAC strategic framework
Examine opportunities to strengthen existing training institutes and institutions and to promote networking	Initial reconnaissance visits organized to India (WII, CIFE) and to Thailand (MU, AIT, RECOFTC, KU, CMU); cross visits organized to West Bengal and to Nepal
Organize another round of applied research small grants	Jeff Fox visited in January 2009; 2nd volume of applied research case studies printed; IPAC applied research themes adopted; Grants awards committee organized, and pre-proposal requests finalized; research methodology workshop scheduled in July 2009
Finalize terms of collaboration with IUB/JU; organize new certificate courses in applied conservation biology and carbon project financing	6 week Certificate Course in Conservation Biology developed; to be offered July – August 2009; carbon project preparation training being developed in collaboration with US Forest Service and JU/IUB; to be organized in October – November 2009
Foundation course to be offered in PA co management and other short training courses	Orientation training organized for field staff with 3 Dept in Dec 08; follow up training organized Jan-April; short courses offered in Governance, Communications, Ecotourism, Value Chain / Enterprise Development, Wetlands and GPS training

The major accomplishments of IPAC over the first year include:

- organization of 3 day foundation / orientation training on “conservation and development through co-management” for more than 60 field staff, in close collaboration with FD, DoF , DoE and USAID

- awareness raising through a national program launching event, 3 department level brainstorming and planning workshops, 5 Cluster level Inception Workshops and a major consultative meeting on conservation of the Sundarbans; this event including the participation of 3 Secretaries (Environment and Forests, Fisheries and Livestock, Land), three heads of concerned technical departments, a Member of Parliament, university faculty, interested NGOs and other local stakeholders, representative of resource user groups, as well as the US Ambassador, USAID Mission Director and specialists of the U.S. Forest Service
- facilitation of cross-visits by potential members of new CMOs from new targeted sites through visits and interactions with established CMOs in conjunction with Cluster level inception workshops
- organization of specialized short courses for additional training of IPAC staff and partners in the areas of governance, ecotourism, communications, value chain strengthening and enterprise development, and laws and policies on forest, environment and fisheries
- completion of an expanded and updated assessment of capacity building needs for promoting and implementing co-management of Protected Areas by the Forest Dept, DoF and DoE
- exploration of networking and associated training opportunities with institutional leaders in co-management and participatory management of fisheries, wetlands, wildlife and forests in India and Thailand
- organization of a cross visit by local community members to see Joint Forest Management in West Bengal, India, and of a study tour by senior government staff to see co-management of national parks and other protected areas in Nepal
- initiation of AIG training for resource user groups to support bamboo crafts and weaving
- publication of the second volume of applied research case studies supported by EWC and funded through NSP, and planning for another group of applied research fellowships with grants managed by WorldFish and with support on research methodologies from EWC
- planning and organization of the first 6-week certificate course on Conservation Biology and Co-management, to be jointly offered in July-August by IPAC partners IUB/JU.

Additional details on the most recently completed activities follow<sup>4</sup>.

**Value Chain Program Design & Enterprise Development Training:** The goal of the course was to expose participants to concepts and tools for the design of value chain development programs that promote market based solutions for micro, small, and medium-scale enterprises. The course was implemented from May 16 – 21, 2009 at BIAM Foundation, Dhaka. Action for Enterprise is an international organization who conducted the course for first five days and the last one day was conducted by Oasis Transformation Limited, Bangladesh – also an international organization. Twenty four participants were attended the course, including 17 from IPAC team (five Enterprise Support Facilitator, eight Site Coordinators, two Project Coordinators, and two from Oasis Transformation Limited); five from GOB departments (three Assistant Conservator of Forests (ACF) from Forest Department (FD), one Upazila Fisheries Officer from Department of Fisheries (DOF), and one Assistant Director (AD) from Department of Environment (DOE); and two from NGOs, including Strategic Planning specialist from CNRS, and Project Coordinator from Prottayashi.

**India Visit for Local Stakeholders:** On behalf of IPAC the Center for Biosocial Advancement (CBA), West Bengal, India conducted a field study tour program in West Bengal, India to visit sites where Co-Management of Protected Areas in Northern West Bengal is currently being employed as a tool for improved Conservation and Management, and to meet with officials in West Bengal who

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<sup>4</sup> For additional details concerning capacity building activities organized from June 2008 to February 2009, see Quarterly Progress Reports for the first year of IPAC.



have worked on Protected Area Co-Management and Joint Forest Management activities in Protected Forest areas in Northern West Bengal. The duration of study tour was from April 17 to 23, 2009 with eleven stakeholders and Cluster Implementation Facilitator as team leader from IPAC. The stakeholders were four Upazila Chairmen; two Upazila Vice-Chairmen; one union council Chairman and two ex-Chairmen; one school teacher; and one business person. After returning back from India the stakeholders have been continuing their support to local IPAC officials for organizing and implementing conservation activities in their own localities.

**Nepal Study Tour:** The objectives of the Nepal study tour were a) observe and study co-management practices for forests/wetlands; b) interact with the concerned institutions and decision-makers; c) interact with local stakeholders; and d) provide a field visit for experiencing first hand impacts and lessons. Eleven participants visited Nepal from May 23 to 29, 2009 of which five from concerned ministries (Joint Secretary, Deputy Chief, two Senior Assistant Chief and Senior Assistant Secretary); three from FD of which one of each as DFO, ACF and Programmer; two Senior/Upazila Fisheries Officers (S/UFO) from DOF; and one Program Coordinator from DOE. The Joint Secretary was Team Leader while IPAC's Deputy Chief of Party facilitated the entire visit. CIRDAP, Bangladesh an international organization helped to plan and organize the visit on behalf of IPAC.

**Nature Tourism Planning:** The *Nature Tourism Planning* course was held on March 16<sup>th</sup> & 17<sup>th</sup>, 2009 at Bana Bhaban where Megan Epler Wood who is the Principal of *Eplerwood International* conducted the training. 31 participants from different organizations were present including 21 from IPAC; two from FD; one from DOF; three from The Guide Tours Limited; and four recent university graduates recruited as data collectors for the Sundarbans SWOT. The course focused on sustainable tourism, natural tourism supply chain, best practice enabling environments: model procedures and real world approaches to ecotourism.

**GPS & its Use in Forestry Practices:** The major objectives of the training course were a) to introduce GPS as a data source to find location, waypoint, track and map the forest area; and b) provide practical skills to the field based forest and IPAC officials to use GPS. Out of six planned batches of training, four batches were actually implemented. The trainers of the batches were mobilized from the RIMS Unit of Forest Dept. Each batch was targeted to have ~ 20 participants of which 18 from FD (Forest Ranger, Deputy Ranger, Forester and Surveyor) and two from IPAC (PMAR Associate & Site Facilitator) as follows:

- March 30, 2009 in Srimangal with 21 participants;
- April 12, 2009 in Cox's Bazar with 23 participants;
- April 28, 2009 in Chittagong with 23 participants; and
- May 10, 2009 in Dhaka with 22 participants.

**Governance Training:** The course objectives were a) gain basic knowledge on governance and importance of Protected Area governance; b) understand the governance issue under IPAC program; and c) explain the co-management organization's formation process and its features. A total of 26 IPAC field staff (Site Coordinators, Site Facilitators and Communication and Governance Facilitators) participated in the training course. The course was held from March 18 – 19, 2009 at IPAC Banani office. IPAC Governance Specialist was the coordinator of the course, and involved resource persons from IPAC, FD and CHTDF-UNDP.

**Communications Training:** The objectives of the course were a) to orient the field staff on the upcoming communication activities of IPAC; and b) to develop skill for implementing the cluster-level communication activities. The course was held during May 04 – 06, 2009 at Caritas office, Pallabi, Mirpur, Dhaka. Total participants in the course were 36 along with IPAC Project's eight Site Coordinators, 19 Site Facilitators and five Communication, Outreach & Governance Facilitators. Out of 37 participants, two attended from FD, one from DOF and one from DOE. The Communication Specialist coordinated the entire course and the resource persons were from IRG/Washington and Asiatic MCL.

**Inception Workshop:** During the fourth quarter, the team organized a fourth Inception Workshop in Khulna for the Sundarbans Cluster on April 22, 2009 with 100 participants of local community stakeholders, cluster based FD, DOF & DOE officials plus representatives from Dhaka; divisional,

district and upazila administration including the Divisional Commissioner, representative from SEAL Project; other local GOB agencies; local government; local NGOs; school, college & university teachers; journalists; tour operators company; and IPAC. The Divisional Commissioner, Khulna participated in the inaugural session. The workshop provided an overview of IPAC and related conservation and development projects active in the Sundarbans, along with an opportunity to discuss conservation issues and prioritizing of IPAC activities for the SRF. It also tried to build a consensus among the different stakeholders on the need for increased protection of the Sundarbans with special emphasis on biodiversity conservation, environmental protection, along with increased support for sustainable resource use and livelihood improvement of local resource users.

**Good Practices” for Fisheries and Wetland Co-management:** A Communique on “Good Practices” has been finalized by a working group of DoF, WorldFish, Asiatic and IPAC core team, and readied for printing. After printing of this communiqué on good practices, IPAC plans provide support for 16 district level dissemination workshops in order to promote awareness about and increased adoption of these good practices.

**Training course on floodplain management.** On March 29, a short course on floodplain management was organized in Srimongal for local stakeholders by Paul Thompson, with support from IPAC and others.

**Follow up on Co-management Orientation Course:** Two follow up workshops for field staff were organized at Modhupur for the Central Cluster on March 12, 2009 (with 15 participants) and in Khulna on March 23, 2009 for Sundarbans Cluster (with nine participants). The daylong follow up workshop enabled the previous training participants to reinforce selected key learning points for IPAC implementation process that were initially discussed in the IPAC Orientation course organized Dec 22-24. The follow up course reviewed the strengths and weaknesses of NSP implementation, as identified in the NSP evaluation and CMC sustainability assessment, and took account of lessons learned to improve implementation of IPAC. It also served to clarify the roles and responsibilities of IPAC members in a cluster/site team, and identified specific priority tasks for the cluster/site staff members to implement the IPAC work plan up to June 2009.

**Certificate Course on Applied Conservation Biology & Co-Management:** The Applied Conservation Biology and Co-Management certificate course was developed to enable the participants from government technical agencies and non-governmental organizations to collaborate more effectively in the management of PAs, Wetlands and Ecologically Critical Areas (ECAs) in ways that both conserve biodiversity and promote more sustainable and secure economic growth that directly benefits local communities. This six week certificate course has been developed jointly by the faculty of Independent University, Bangladesh and Jahangirnagar University (IUB/JU). The first batch of the course will be implemented from July 05 to August 17, 2009 at the Fisheries Training Academy, Savar. Some 20 participants are expected, including 14 from three government departments (six from FD; five from DOF; three from DOE); and six to be nominated from NGOs.

**Applied Research Grants:** The IPAC Project with support from the East West Center (Honolulu, Hawaii) and the World Fish Center are planning to provide 12 research grants in 2009 – 2010 to support six months of field research on the impact of co-management initiatives on rural livelihoods in the five cluster where support is being provided by IPAC Project. In order to select the candidates for research fellowships, a research grants committee was formed on May 24, 2009 and an announcement about the research grants was circulated to FD, DOF, DOE and universities. The ACFs of FD; S/UFO of DOF; AD from DOE; and master’s students & lecturers at any university in Bangladesh have been encouraged to apply.

## Site Specific Implementation

This component of IPAC is designed to ensure continued support as necessary to sustain and replicate the achievements of 8 pilot sites for forest and wetland co-management that were supported previously by MACH and Nishorgo Support Project. It also aims to refine and diversify approaches to community based and collaborative management of protected areas and improved conservation

and more sustainable and participatory management of natural resources in the PA buffer zones and surrounding landscapes.

For the 3 MACH pilot sites, IPAC is working with established UFC, RMO and FRUG and providing support to them, along with continued monitoring and assistance by CNRS and CARITAS for the period July 2008 to June 2010. Technical support is provided by the Dept of Fisheries and experts of WorldFish. For the 5 Nishorgo pilot sites, IPAC is now working with 8 co-management committees, community patrolling groups and user groups and their Federations organized with assistance from NSP. Technical support is provided by the Forest Dept and specialists recruited by IRG and IPAC implementing partners. In the new sites targeted by IPAC, the team is coordinating with Arannayk Foundation, IUCN/CNRS (for Tanguar Haor), the GEF/UNDP funded CWBMP (in Hakaluki Haor ECA and Teknaf ECA), as well as the EC/SEALS project being prepared for Sundarbans Reserved Forest, and the GTZ Chunoti Participatory Forest Management project being prepared for CWS. In addition, the team has been working closely with UNDP/CHTDF to coordinate interventions in the Chittagong Hill Tracts. Cooperation has been reinforced by the signature of MOUs between USAID and EC (for SEALS) and between USAID and GTZ (for Chunoti).

The IPAC approach to site specific implementation includes 6 major types of activities:

1. assessment of local community organizations (through PRA/RRA), social mobilization, awareness raising and establishment or reinforcement of democratic, representative, well-governed co-management organizations to share rights and responsibilities for conservation of targeted sites, and to provide a means for participatory management of PA landscape, and more equitable benefit sharing with increased levels of benefits accruing to local communities and user groups engaged in co-management
2. training and assistance to support a increased flow of socio-economic benefits to local communities and user groups, through the strengthening of targeted value chains (through market led collaboration with private sector); expanded support for ecotourism and conservation linked enterprises and alternative income generating (AIG) tied to improved management, increased productivity and more sustainable use of natural resources in the PA landscape
3. identification of destructive or non-sustainable uses of natural resources in and around targeted Protected Areas (through Site Assessments, land use / land cover mapping), and support for PA co-management planning, including more effective protection of core protected areas and organization of activities to address overfishing, illegal logging, encroachment, non-sustainable harvesting and other threats to PA
4. expansion and diversification of sustainable financing for PA co-management, through promotion of revenue sharing, grants from PA entry fees, and promotion of corporate social responsibility grants and other PPPs
5. leveraging of partnerships with other projects and programs to extend benefits of improved drinking water supply, climate change adaptation, enterprise development, health care, food security and other benefits to CMO
6. coordination with GoB agencies responsible for investments in habitat restoration and infrastructure development to maximize the effectiveness of these investments (including PA facilities developed under Nishorgo) and reinforce the sustainability of PA co-management

In the first annual work plan for IPAC, the Site Specific Implementation component targeted activities in support of a) continuation of MACH/NSP support, b) selection and organization of support for co-management in new sites, and c) expanded outreach and sustainable support for AIG. Significant progress on planned activities was made as follows:

For Continuation of MACH/NSP and Selection of New Sites:

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Organize review of findings from Nishorgo evaluation (by CODEC) and of CMC institutional sustainability assessment (Prof. Niaz)	Findings of NSP evaluation shared with FD and Cluster teams; briefing organized on Niaz assessment findings with FD and shared through Governance training
Staff recruitment; preparation of RRA/PRA reports; follow up on NSP support for MNP	Over 100 field staff recruited, trained and mobilized through CIPD, RDRS, CODEC and World Fish; management plan completed and report prepared on MNP interventions; Site offices leased and set up; Site Assessment reports prepared for 21 sites in 5 Clusters
Organization of IPAC launch in CHT; initiation of fieldwork in Kaptai; collaboration with IUCN for fieldwork in Tangaur Haor; extension of IPAC to Sundarbans Cluster	IPAC Launch organized in November 2008; PRA surveys, VCF formation and other work underway in Kaptai; staff fielded and visits organized to Tangaur Haor; Consultative Meeting, VIP Visit, Inception Workshop and contributed to EC project design for SEAL and 3 field offices organized for Sundarbans
Assist with Land use classification and zonation of Bhawal National Park using satellite imagery as a pilot effort	TOR development; SPOT imagery procured; interpretation, fieldwork and ground truth planning

For Outreach / AIG:

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Organize visit by Megan Epler Wood to develop community based ecotourism strategy for Teknaf and SWOT for Sundarbans ecotourism	Two missions completed; Teknaf Strategy drafted, revised and finalized; Sundarbans SWOT report drafted; eco-tourism training provided to Site Coordinators and Enterprise Support Facilitators; plans developed to support Ecotourism Value Chain in selected Sites
Mobilize expertise of Oasis to assess potential and guide development of bamboo value chain	Fieldwork carried out and survey report prepared; business plans for semi-processed bamboo outsourcing being developed
Assess AIG options; strengthen and expand eco-cottage network; develop strategy to provide micro-credit; collaborate with PRICE	Cluster inception workshops included working group consultations about AIG needs and opportunities; PRA and site assessment included analysis of AIG options and opportunities; further collaboration with PRICE and CARPE planned in 2009-2010
Organize training and other support for AIG	Training organized for sewing in MNP landscape (2 batches, 24 participants); Value Chain training organized for ESP and SC, interested NGOs and GOB staff in May; discussions underway with partner NGOs to provide leveraged support for micro-credit
Development Outreach	KAP survey completed to design outreach; Mass meetings organized in Sylhet with CMC, UNO, DC, to address illegal felling, poaching of fish, encroachment, other threats

In sum, the major accomplishments related to Site Level Implementation of IPAC in the first year included:

- organization of site selection and planning workshops with 3 technical departments and Inception Workshops in all 5 Clusters
- recruitment, mobilization and training of more than 100 field staff mobilized by four implementing partners (RDRS, CODEC, CIPD and WorldFish), and some 20 additional supporting technical staff from 4 other local implementing partners (Asiatic, BELA, Oasis and Module)
- organization and equipping of 5 Cluster offices and 16 site offices to support co-management in 25 targeted PA
- extension of support for PA co-management into the Sundarbans, Chittagong Hill Tracts and Moduphur
- review of the findings from the recently completed evaluation of NSP interventions, and assessment of lessons learned in wetlands co-management
- completion of KAP survey among resource users, tourists, other stakeholders, to design development outreach messages and communications strategy
- completion of 21 PRA and site assessment reports, including 13 new sites
- awareness raising and consultations for the formation of Village Conservation Forum, Peoples Forum and Co-management Councils and Committees in new sites
- support for organization of CMC meetings and preparation of annual development plans for established CMC
- completion of initial assessment of bamboo resources in 3 Clusters
- organization of AIG training in support of weaving and bamboo crafts
- training of field staff on GPS use

- analysis of needs and opportunities for strengthening visitor management and promoting ecotourism in co-managed PA
- organization of orientation training for entry fee collection and utilization and follow up to support implementation of Entry Fee Guidelines
- development of guidelines for management of student dormitories
- preparation of a Community-based Ecotourism Strategy for the Teknaf Peninsula
- organization of a major consultative meeting on the conservation of the Sundarbans
- completion of a SWOT analysis for ecotourism development in the Sunderbans
- organization of a lessons learned workshop on forest and wetlands co-management
- collaboration in the design of SEALS and Chunoti projects, and leveraging of additional resources in support of co-management
- follow up with DC and UNO for renewal of leases for MACH wetland sites, including Hail Haor

Over the next year, the IPAC team will be restructured to consolidate and reinforce support for site level implementation, with particular attention focused on the following interventions:

- Cluster Directors will be designated to consolidate responsibility for decentralized management of site level implementation activities by IPAC field staff and to reinforce communication and collaboration with GoB technical departments
- Increased attention will be given to AIG, ecotourism and related enterprise development activities linked to conservation and sustainable use of natural resources in the PA landscape, using a revamped approach to value chain (VC) strengthening, with support from specialized VC associates recruited by Oasis, WorldFish and other partners
- Increased support will be given to PA zoning and designation of sustainable use areas on PA buffer zones will be promoted in order to expand opportunities for income generation by CPG members and local stakeholders
- Additional support will be provided for implementation of Entry Fee Guidelines
- Collaboration with CARPE2, PRICE, AFE, Tour Operators and other enterprise development programs and private sector operators in targeted VC will be reinforced
- Coordination with IUCN and CWBMP will be strengthened; coordination with CARITAS and CNRS on monitoring of MACH sites will also be reinforced
- Specialists in social mobilization will be recruited to help assess weaknesses of CMOs and to guide revamping of support to CMC and CPGs, and reinforcing attention to gender
- Support will be provided for the formation and development of co-management organizations in new sites, in keeping with the guidance of the new GO for CMO
- Communication and outreach activities will be expanded, including promotion of theatre, folk dance and music for social mobilization and support of PA co-management
- Increased attention will be given to supporting a holistic approach to visitor management, and to improved management of PA infrastructure, including student dorms, interpretative centers, picnic sites and other facilities
- Annual development plans prepared by CMC will be carefully reviewed and funded allocated for specified activities from entry fee grants and other potential funding sources
- Support for micro-credit will be leveraged through IPAC implementing partners
- More attention will be given to leveraging partnerships to support climate change adaptation and to raise awareness about climate change and opportunities for adaptation and mitigation
- Increased support for collaboration with Scouts, Leaders of Influence and other outreach programs
- Increased support for promotion of energy saving devices such as improved cook stoves, in cooperation with GTZ and others
- More basic training on co-management will be organized, especially with Forest Dept field staff, along with exchange visits for local stakeholders and GoB field staff
- Guidelines and procedures for award of small grants will be developed, to implement support for LDF, in combination with technical support to FD, DoF and DoE for implementation of DPP/RPA funded infrastructure development and habitat restoration activities

## Cross Cutting Component: Gender and Youth

An important element of the IPAC Statement of Work is to give attention to gender and youth as a cross-cutting component in project implementation. In the first year of IPAC, several activities were planned and carried out in this respect.

<i>Work Plan Activity</i>	<i>Status – Accomplishment</i>
Follow up on gender mainstreaming initiatives of NSP and MACH	Organized cross visits for MNP stakeholders, predominantly women; targeted AIG training for women; continued with outreach to university students
Mobilize dTS expertise to carry out gender assessment for IPAC	Developed TOR; invited University and UNDP gender experts to contribute to orientation and governance training sessions; dTS assessment planned for October 2009
Collaborate with Save the Children on primary education programs in targeted IPAC landscapes	Met with Asia Foundation / LOI, Smiling Sun, STC, PRICE other projects to promote collaboration and co-location of projects; contributed to USAID GIS and reinforcement of linkages planned in 2009-2010
Negotiate and implement joint program with Scouts for conservation and promotion of improved stoves	Contacts renewed with Scout authorities and planning under for implementation of field level activities

In the second year of IPAC, the IPAC gender assessment will serve to identify key recommendations to address needs and opportunities to address gender; collaboration with the Scouts, and outreach with universities and students will also be strengthened.

# Project Management

## Administration and Finance

In addition to work on the preparation and approval of TPP/DPP and staffing, considerable effort was mobilized by the IPAC core team to follow through with the mobilization of all implementing partners, and with the equipping and training of field staff teams in five Clusters.

Over the past year, subcontracts were prepared for all local and international implementation partners, including:

### ***Local partners***

Asiatic – communications and outreach support

BELA – technical advice, training and advocacy in support in needed policy, legal and regulatory changes in the enabling framework for PA co-management (subcontract approved, and signature in process)

CIPD – technical and logistical support for site level implementation in CHT Cluster

CODEC – technical and logistical support for site level implementation in Sundarbans and Southeast Clusters

Independent University of Bangladesh / Jahanginagar University – development of a joint program for certificate level training in conservation biology and carbon offset project design

Module Architects – monitoring of local currency expenditures in support of infrastructure development in targeted PA

Oasis Transformation – assistance with market analysis / value chain strengthening, particularly for sustainable bamboo production and value added product transformation and exporting

RDRS – technical and logistical support for site level implementation in Central and Sylhet Clusters

WorldFish – wetlands ecology, fisheries management, applied research and performance monitoring

### ***International Partners***

Development Training Services	assistance in developing gender mainstreaming strategies
East West Center	support for applied research and WriteShops
Environmental Law Institute	support for analysis of legal and regulatory issues
Epler Wood International	development of an ecotourism strategy for Teknaf peninsula
World Wildlife Fund	assistance with PA planning and adaptation to Climate Change

By May, 2009, a total of 137 staff persons had been mobilized by IRG and 8 subcontractors to support the implementation of IPAC (see Annex D). In addition, short term technical assistance was mobilized over the past year from IRG, ELI, EWI and EWC. Additional short term assistance is planned from EWC in July 2009, and from dTS in October 2009.

The team is also working closely with a number of strategic partners, including Arannayk Foundation and Wildlife Trust of Bangladesh. With separate funding from USAID/Bangladesh, additional technical support for IPAC related objectives and activities is also being provided through the US Forest Service.

## **Issues Arising and Recommended Actions**

A number of implementation issues and challenges have arisen in the first year of IPAC, and the IPAC team and partners are making adjustments to address these issues.

- Despite the years of experience with community-based NRM and co-management, the term “co-management” continues to raise questions and is not yet widely understood and appreciated by many senior officials in government for its potential contribution to poverty reduction as well as biodiversity conservation; the Nishorgo Program was well regarded as a program to “save nature for future generations” but local communities want to see greater economic benefits and tangible, widespread positive impacts on their livelihoods. As the IPAC strategic framework is finalized, particular attention will be given to refining effective approaches that combine conservation with the generation of significant positive impacts on local economic development so as to increase local incomes in a sustainable manner.
- Forest Dept, DoF and DoE each have experience with a range of approaches to community based, participatory management of natural resources; however, much remains to be done to establish a more cohesive and integrated policy, legal and institutional base for Protected Area co-management that includes Ecologically Critical Areas, National Parks, Wildlife Sanctuaries, Game Reserves, RAMSAR sites and other protected Wetlands and nationally or locally designated fish sanctuaries. In the coming year, IPAC will consider opportunities to engage senior officials of the GoB to a greater degree, and to support and facilitate a national dialogue on co-management.
- Implementation of entry fee guidelines in a transparent and satisfactory manner, along with adoption of a holistic approach to the improved management of visitors in selected sites will require serious efforts by the CMC, Forest Dept field staff and IPAC facilitators in the



upcoming tourist season; accordingly, this will be a focus of training and capacity building efforts in the second year.

- With the transition from the caretaker government to the newly elected government, a number of new opportunities have arisen; in the coming months, IPAC will follow through with the mobilization of the Policy Group to capitalize on these opportunities, including:
  - Climate change: MoEF is anxious to move ahead with the preparation of a series of carbon projects designed to mobilize new sources of sustainable financing tied to climate change adaptation and mitigation
  - PPP: the GoB is ready to promote partnerships with the private sector in a wide range of sectors, including conservation and local development
  - Pro-poor policies: GoB is ready to support revenue sharing, revision of water body leasing policies and forestry regulations and other approaches that increase the level of socio-economic benefits for local communities, even though the process of policy formulation, implementation and regulatory change can be challenging.
- Effective September 30, 2009, RDRS will no longer work as an implementing partner on IPAC. A Request for Proposal for a new partner will be issued in August, and CODEC will provide interim support for field staff in Central and Sylhet Clusters until a new implementing partner is selected.
- IPAC will encourage the new implementing partner to take on field staff that has performed well with RDRS, but orientation and training of any new staff appointed by the newly selected implementing partner may result in some adjustment in the IPAC implementation schedule in the affected sites.

# Annex 1 - Activity Calendar

Major IPAC interventions and activities carried out in 2008-2009, by month, included:

June	Contract Award; mobilization of COP, Admin and Finance Director TDY by Dee Cottrill, IRG Admin Manager; Procurement Plan prepared Field visits to MACH sites; consultation with implementing partners
July	Briefings to Secretary, MoFL; Ministry of Finance Planning workshops with Forest Dept, DoF; annual work plan prepared Drafting of Tripartite MOU for coordination of MACH follow on Ambassadors Visit to Teknaf, Mochoni Visit to Wildlife Institute of India and Central Institute of Fisheries Education, India
August	TDY by Joan Ablett, IRG Communications Manager Advertisement for initial recruitment of Cluster field staff
September	Briefing for Forest Dept on CMC Institutional Assessment (Prof. Niaz Khan) Visit to Pabla Khali Wildlife Sanctuary; participation in Arannayk Foundation mission Field visit to Sundarbans; participation in SEALS project design mission Planning workshop with DoE
October	Finalization of plans for Asiatic led KAP survey Briefing to Secretary, MoCHTA Mission by Lisa Goldman, ELI Attorney Coordination workshop with UNDP CHT project IPAC presentation at DoF Fisheries Good Practice dissemination workshop Inception Workshop – CHT Cluster, Rangamati
November	Nishorgo Close Out Event; NSP final Steering Committee Meeting Visit by IRG VP Cynthia Pflugh; Tripura book launch TDY by Philip DeCosse, IRG Project Manager; Wildlife book launch IPAC National Launch and field visits, CHT Approval of subcontracts for IPAC implementing partners
December	IUB/JU workshop on design of Conservation Biology certificate course TDY by Jay Pendergrass, ELI Senior Attorney Visit to universities and networks in Thailand Participation in Good Practice dissemination workshop organized by DoF at Moulvibazar district

January	Initial hiring and orientation training for Cluster field staff
	Meeting with Chairman, CHT Regional Council
	Visit by Megan Epler Wood, Ecotourism specialist, Epler Wood International
	Visit by Jeff Fox, Applied Research Advisor, East West Center
February	Inception Workshop, Southeastern Cluster, Cox's Bazar
	Second recruitment for IPAC field staff
	Workshop on new GO for CMC
	Committee organized by DoF and IPAC to develop communications products for extension of fisheries good practices
	Celebration of World Wetland Day
	IPAC presentations to Scouting Jamboree
	Subcontract approval received for BELA
	DPP workshop and presentation of RPA funding assessment to Forest Dept DFO
	DoE meetings on collaboration with CWBMP
	KAP survey report prepared by Asiatic; findings presented
	Inception Workshop – Sylhet Cluster, Srimongal
	Bamboo assessment completed by Oasis
	Site visit to Sylhet, meetings with DC, DFO
	Printing of second volume – EWC Applied Research Case Studies
March	Final selection and posting of additional Cluster field staff
	First IPAC Steering Committee Meeting
	Proposals developed for IPAC Policy Group
	TOR drafted for Sundarbans Economics Study
	2-day Training on Ecotourism
	2-day Training on Governance
	Follow on Cluster level training and orientation – Central Cluster
	Follow on Cluster level training and orientation - Sundarbans Cluster
	DPP workshop and presentation of RPA funding assessment to DoE
	Recruitment of Communications Manager
	Drafting Communique on “Good Practices” in fisheries/wetland co-management
	Visit by Megan Epler Wood – Teknaf Strategy and Sundarbans Ecotourism SWOT
	Field level assessment of illegal felling in Lawachara National Park
	Initial Training Session on RIMS GPS
	Drafted TOR for Sundarbans fisheries study

April	Organization of wetlands assessment
	Briefing on IPAC to Minister of Environment and Forests
	TDY by Tom Catterson, IRG Capacity Building specialist
	Launching of first mission for study of lessons learned from wetland and fisheries co-management projects in Bangladesh
	Cross Visit by community stakeholders to West Bengal, India
	Consultative Meeting on Sundarbans – Khulna with US Ambassador, USAID Director, MP, Secretaries, department heads, local stakeholders, US Forest Service
	Inception Workshop – Sundarbans Cluster
	Approval of Guidelines for Entry Fee revenue sharing
	Continued training on RIMS GPS
May	Debriefing on Teknaf Ecotourism Strategy
	TDY by Joan Ablett, IRG Communications Manager
	Training on Communications for IPAC field staff and partners
	Drafting of IPAC Communications Strategy and Activity Plan
	Debriefing to MoEF, MoFL on IPAC Capacity Building Strategy
	Announcement of request for applied research fellowships
	PMP Training – Sylhet, SE, Sundarbans and CHT Clusters
	Training on Value Chain Analysis/Enterprise Development
	Study tour to Nepal
	Continued training on RIMS GPS
	IPAC support to Tree Fair
	Initiation of fieldwork for baseline surveys of indicator bird populations
	Finalization of design by IUB/JU for 6 week Conservation Biology and Co-management Certificate Course
June	Inception Workshop for Central Cluster
	Celebrations of World Environment Day
	International Energy Globe Award ceremony for MACH Project
	BELA Orientation workshop on Forest, Environment, Fisheries laws
	Visit by Philip DeCosse, IRG/W Project Manager
	Book Launch – Sirajul Hossain: Images from the Wild
	Continued RIMS – GPS Training
	Annual program review and work planning session
	Workshop on Lessons learned in wetland and forest co-management

Training on collection and utilization of PA entry fees

CHT Cluster – consultations for formation of Kaptai NP CMC

Completion of PRA and Site Assessment Reports (21 sites)

Renewal of Annual Development Plans for Nishorgo CMCs

Organization of AIG support training (bamboo, weaving)

Preparation of Guidelines for management of student dormitories by CMC

Second mission for study of lessons learned from wetland and fisheries co-management projects in Bangladesh.

# Annex 2 – IPAC Reports and Deliverables

## **Project Management Reports**

First Annual Work Plan, June 2008 to May 2009  
 Performance Monitoring Plan, July 15, 2008  
 First Quarterly Progress Report, June – August 2008  
 Second Quarterly Progress Report, Sept – November 2008  
 Third Quarterly Progress Report, Dec 2008 – Feb 2009

## **Documentation prepared with / for Government of Bangladesh**

Tripartite MOU for MACH Follow on activities, July, 2008  
 IPAC Technical Assistance Project Proforma (TPP), Nov 2008  
 IPAC IPAC Development Project Pro Forma – Dept of Fisheries, April 2009  
 IPAC Development Project Pro Forma – Forest Dept, May 2009  
 IPAC Development Project Pro Forma – Dept of Environment, June, 2009  
 Updated Guidelines for collection and utilization of Protected Area Entry Fees, April, 2009  
 Government Order for Co-management Councils and Committees, multiple drafts from December 2008 to June 2009

## **Other Technical Reports**

Summary Report on the Mission by Environmental Law Institute to Analyze the legal framework governing co-management in Bangladesh, ELI, December, 2008  
 Summary Report on Sundarbans Fisheries. By Kanailal Debnath, PMAR Associate, IPAC – WorldFish. February 05, 2009  
 Teknaf Peninsula Community-based Ecotourism Strategy, Epler Wood International, May, 2009  
 Initial Assessment Report on Bamboo Value Chain in Sylhet, Southeast and Central Clusters, Oasis Transformation Ltd., Feb 2009  
 Capacity Building for Promoting and Implementing Co-management of Protected Areas in Bangladesh: Final Report, Tom Catterson and Dr. Khairul Alam, May 2009  
 Progress in conserving biodiversity, improving the management of natural resources and promoting positive environmental impacts: the role of IPAC by Ishtiaq Uddin Ahmad, Nasim Aziz and B. Winterbottom. Published in DoE World Environment Day brochure. June 2009

## **Trip Reports**

- Trip Report on IPAC start up – Dionne Cottrill, August, 2008
- Trip Report on Communications Strategy – Joan Ablett, August, 2008
- Trip Report on ELI Legislative Review –Jay Pendergrass, December 10-19, 2008
- Mission Report On IPAC Team Visit In Mach Sites (Sherpur And Kaliakoir) : December 12, 2008 – December 14, 2008
- Trip Report (1<sup>st</sup>) on Ecotourism – Megan Epler Wood, Jan 18-Feb7, 2009
- Trip Report on investigation of Lawachara field activities – Utpal Dutta, Feb 2009
- Trip Report (2<sup>nd</sup>) on Ecotourism – Megan Epler Wood, March 13-April 4, 2009

## **Seminar and Workshop Reports**

- Summary report on brainstorming / planning session with Dept of Fisheries on Co-management of Protected Areas, Dhaka, July 6, 2008
- Summary report on brainstorming / planning session with Forest Dept on Co-management of Protected Areas, Dhaka, July 13, 2008
- Summary report on brainstorming / planning session with Dept of Environment on Co-management of Protected Areas, Dhaka, Sept 22, 2008
- Report of IPAC Inception Workshop for Chittagong Hill Tracts Cluster, Rangamati, Oct. 30, 2008
- Report of IPAC Inception Workshop for Southeastern Cluster, Cox's Bazar, Jan 27, 2009
- Report of IPAC Development Project Proforma (DPP) Workshop, Forest Dept., Feb 19, 2009
- Report of the IPAC Inception Workshop for Sylhet Cluster, Srimangal, Feb 24, 2009
- Report of IPAC Inception Workshop for Sundarbans Cluster, Khulna, April 22, 2009
- Report of IPAC Inception Workshop for Central Cluster, Modhupur, June 2, 2009
- Workshop on Lessons Learned in wetlands and forest co-management, June 2009

## **Training Workshop and Study Tour Reports**

- Summary Report on IPAC Orientation Training: Conservation and Development through Co-Management, Dec. 22-24, 2008
- Report of follow on IPAC staff training, Cox's Bazar, Jan 28, 2009
- Report of follow on IPAC staff training, Srimangal, Feb 23, 2009
- Proposed Curriculum for Conservation Biology and Co-management Certificate Course, March, 2009
- Brief Report on Visit to West Bengal: Learning from Joint Forest Management, 19-23 April 2009
- Report on Value Chain Program Design and Enterprise Development Training, Oasis / Action for Enterprise, Dhaka, May 16-21, 2009
- Exposure Visit to Nepal for Officials of Government of Bangladesh, 23-29 May 2009
- Orientation Workshop on Forest, Environment and Fisheries Laws and Policies, BELA, June 2009

**IPAC Site Assessment Reports**

Central Cluster: 4 sites (Modhupur NP, Bhawal NP, Kangsho-Malijhee wetland, Turag Bangshi wetland)

Sylhet Cluster: 7 sites (Lawachara NP, Rema-Kelanga WS, Satchari NP, Khadim Nagar NP, Hail Haor wetland, Hakaluki Haor ECA, Tanguar Haor wetland)

SE Cluster: 6 sites (Chunati WS, Teknaf GR / ECA, Himchari NP, Medhaka Chapia NP, Faisakhali WS, Inani NP)

Sundarbans Cluster: 2 sites (Sundarbans East WS, Sundarbans West WS)

CHT Cluster: 2 sites (Kaptai NP, Pabla Khali WS)

**Communication Materials**

IPAC Summary Description, Nov 2008

IPAC Questions and Answers, Nov 2008

IPAC Communications Strategy, June 2009

Good practice in fisheries and wetland management communiqué (in Bangla)

Summary Report on World Wetland Day 2009 Observance, Feb, 2009

**Other Presentations**

IPAC Summary (powerpoint) – for DoF Planning Workshop, July 6, 2008

IPAC Summary (powerpoint) – for FD Planning Workshop, July 13, 2008

IPAC and GDA / PPP (powerpoint) – for USAID briefing, August 24, 2008

IPAC Summary (powerpoint) – for DoE Planning Workshop, Sept 22, 2008

IPAC Summary (powerpoint) – for CHT Cluster Inception Workshop, Oct 30, 2008

MPM methodological framework - ICF - Power-point presentation, 21-23 December 2008

Wetland resources management in Bangladesh – Power-point presentation, 21-23 December 2008

Need for fisheries management – future vision of DoF in inland capture fisheries - ICF - Power-point presentation, 21-23 December 2008

IPAC Summary (powerpoint) – for SE Cluster Inception Workshop – Cox's Bazar, Jan 27, 2009

Follow up Workshop on IPAC Orientation Training – Sylhet Cluster, Srimongal, February 23, 2009

Briefing on IPAC – First Steering Committee Meeting, Dhaka, March 5, 2009

Follow up Workshop on IPAC Orientation Training – Central Cluster, Modhupur, March 12, 2009

IPAC and Good Governance, prepared for Orientation Training on Governance, Dhaka, March 18, 2009

Presentation on IPAC for DoE DPP Preparation Workshop, Dhaka, March 24, 2009

Briefing on IPAC – for the Minister of Environment and Forests, Dhaka, April 9, 2009



Opportunities and Interventions: Potential Role of IPAC – Consultative Meeting on Conservation of the Sundarbans, Khulna, April 18, 2009

IPAC Presentation for Inception Workshop – Sundarbans Cluster, Khulna, April 22, 2009

IPAC Program Overview – for Communications Training, Dhaka, May 4-6, 2009

IPAC Presentation for Inception Workshop – Central Cluster, Moduphur, June 2, 2009

IPAC Presentation for Orientation Program on Approved Guidelines for Entry Fees – IPAC Interventions and Co-management Organization Development, Forest Dept, Dhaka, June 6, 2009

IPAC Presentation for Orientation Workshop on Forest, Environment and Fisheries Laws and Policies, BELA, Dhaka, June 7, 2009

Summary Presentation: Results of IPAC Annual Review and Work Planning Session, Dhaka, June 11, 2009

Strategic Framework for IPAC – Implications of Lessons Learned, Srimongal, June 14, 2009

### **Audio-visual Presentations (by Asiatic)**

Interviews with resource users in the Sundarbans Reserve Forest (DVD)

Audio-visual presentation on IPAC and Lawachara National Park co-management issues (DVD)

# Annex 3 – Performance targets and achievements

Table 1- Common Indicators of the U.S. Foreign Assistance Framework for IPAC

Indicators	Baseline NSP+MACH	Target 2009	Achieved	Notes
1: Number of hectares under improved natural resource management as a result of USG assistance.	134,268 ha	36,450 ha	10,524 ha	Approximately 3000 ha of Chunati Wildlife Sanctuary and 500 ha of Teknaf Game Reserve have been reinforced by community patrolling. Increased area of LNP (4000 ha) and buffer plantation (50 ha) at RKWS. Landscape of Hail Haor (2974 ha) under improved management through enforcement of Fish Act involving RMOs, Upazila Fisheries Office, Upzila Administration, Upzila Police Dept during breeding period of 2009.
2: Number of hectares in areas of biological significance under improved management as a result of USG assistance.	46,111 ha.	18,701 ha	3500 ha	Approximately 3000 ha of Chunati Wildlife Sanctuary and 500 ha of Teknaf Game Reserve have been reinforced by community patrolling.
3: Number of hectares of natural resources showing improved biophysical conditions as a result of USG assistance.	32,743 ha	5,000	80 ha	20 ha plantation has been established in Khadimnagar National Park  50 ha established plantation at Rema Kalenga Wildlife Sanctuary  In core zone of Hail Haor, 5 ha has been cleared of invasive species named Morning Glory ( <i>Lpomoea carneajsiulirra</i> ) (Dhol Kolmi in Bangla) for sanctuary management.  <i>Notopterus Chitala</i> has recently been found to come back in Boro Gangina Khal adjacent to Baikka Beel permanent sanctuary. Direct observation by RMO and IPAC staff and SUFO Srimongol authenticated the observation. The area of Boro Gangina Khal is 5 ha, which is connected to the beel system and will have a positive impact in the entire Hail Haor
4: Number of hectares in areas of biological significance showing improved biophysical	2673 ha	3,000	25 ha	20 ha plantation has been established in Khadimnagar

conditions as a result of USG assistance.				National Park.  In core zone of Hail Haor, 5 ha has been cleared of invasive species named Morning Glory ( <i>Lpomoea carneajsiulirra</i> ) (Dhol Kolmi in Bangla) for sanctuary management.
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	2	2	Retention of 50% entry fee to be used by CMC for promoting NRM.  MOEF has granted approval to build Community Based Nature Interpretation Center (CONIC) through public private partnership  <b>Work in progress:</b> <ul style="list-style-type: none"><li>Field level FD staffs have been asked by higher FD officials to stop use of free labor in forest management activities after brining the issue by IPAC staff; uch activity has been found to contribute to illicit felling. An official letter has also been issued in this regard from Forest Department.</li><li>Social forestry rules revision – drafted, approved by FD and MoEF and under review by Law Ministry</li><li>New Government Order for recognizing Co-management Council, Committee and Village Conservation Forum in process – drafted, approved by FD and signature pending with MoEF</li></ul>
6 Number of people with increased economic benefits derived from sustainable natural resource management and conservation as a result of USG assistance.	137,830	100,000	14,308	These beneficiaries include micro finance leveraged to LNP and SNP, beneficiaries of improved stoves and sanitary latrine, beneficiaries of employment, and enterprise.
7: Number of people receiving USG supported training in natural resources management and/or biodiversity conservation.	32, 203	5,000	228 (Male 160 + Female 68)	Training includes, Bamboo value chain assessment, home gardening, bamboo product development, cross site visits among forest or wetland protected areas and exposure visits to India and Nepal to observe co-management.
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	50,000	450	About 450 people were informed about the variability of climate that may occur in Sylhet region. However, subsequent action would be to assess vulnerability of the communities, followed by technology transfer and skill development support for

				increased adaptive capacity.
<b>9:</b> Quantity of greenhouse gas emissions, measured in million metric tons Carbon, reduced or sequestered as a result of USG assistance (million metric Ton C).	<b>TBD</b>	<b>4.29</b>	<b>-</b>	<b>Work in progress</b> Collaboration ongoing with GTZ for funding of participatory forest management and habitat restoration project in Chunut Wildlife Sanctuary, and with US Forest Service for REDD type intervention in Sundarbans
<b>10.</b> Number of people in target areas with access to improved drinking water supply as a result of USG assistance	<b>0</b>	<b>5,000</b>	<b>-</b>	<b>Work in progress</b> Collaboration and partnerships planned with UNICEF, UNDP/CHTF and EC/SEALS
<b>11.</b> Number of people receiving USG supported training in environmental law, enforcement, public participation, and cleaner production policies, strategies, skills, and techniques	<b>0</b>	<b>150</b>	<b>35</b>	1 day orientation training on environmental law scheduled in June 2009; additional Cluster level training planned in 2009  3 week course in estimation of carbon sequestration and preparation of carbon projects is being planned for Nov 2009
<b>12.</b> Number of people receiving USG supported training in global climate change including framework convention on climate change, greenhouse gas inventories, mitigation, and adaptation analysis	<b>0</b>	<b>-</b>	<b>-</b>	<b>Work in progress:</b> a training curriculum has been planned on Clean Development Mechanism.

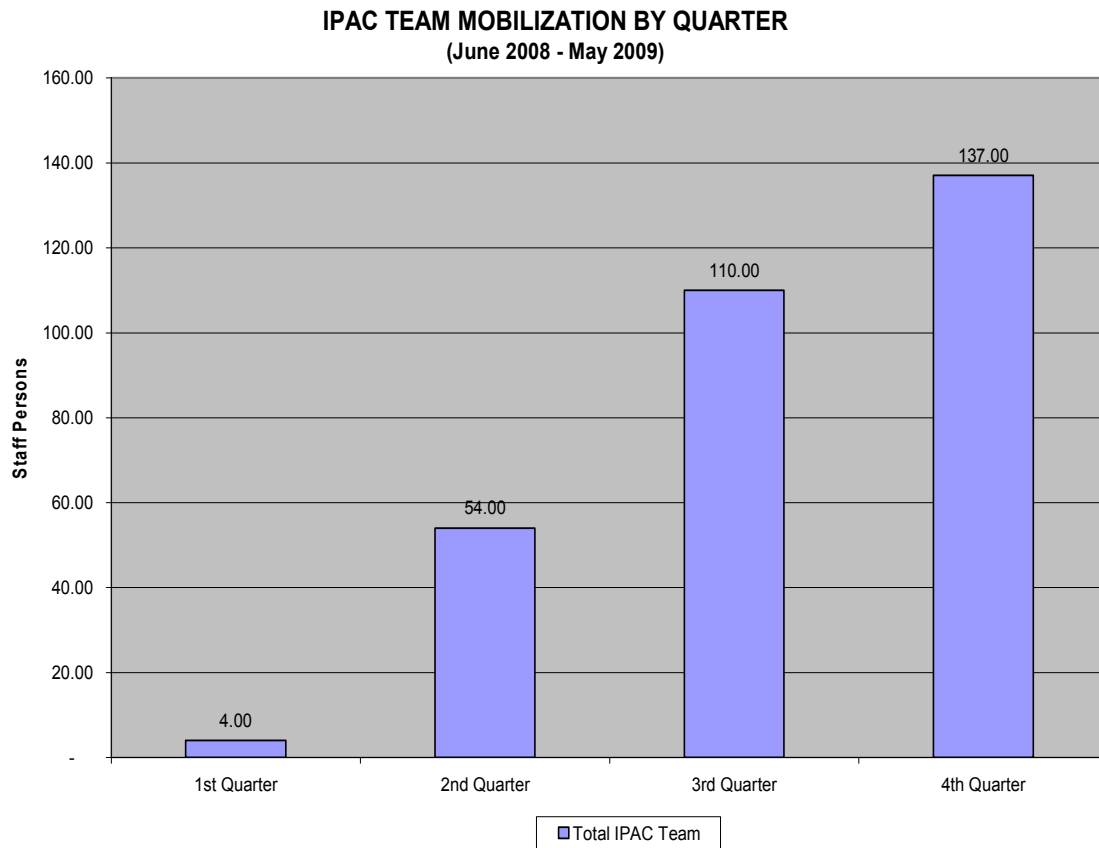
Table 2 - Custom Indicators for IPAC

Indicators	Baseline	Target 2009	Achieved	Notes
<b>13:</b> Number of individuals benefiting from use of improved stove and bio-gas plants.	<b>25,166</b>	<b>5,600</b>	<b>2800</b>	Continued expansion of improved stoves to 500 households (total beneficiaries 2800 including family members) at SNP, RKWS and LNP have installed improved cooking stoves.
<b>14:</b> Market and non-market revenue generated from AIG, ecotourism and other economic activities in targeted sites	<b>\$0</b>	<b>\$250,000</b>	<b>USD 156,933 (BDT 10,925,280)</b>	Revenue generated from eco-cottages, tourist shops, eco-guides, tree nursery, weaving, improved stove making, community based fishing (TGR), tourist kiosques, etc.
<b>15:</b> Increase in density of indicator bird species in wetland and forested landscape	<b>TBD</b>	<b>TBD</b>	<b>-</b>	Baseline survey of indicator bird population in targeted PA is ongoing; methodology being developed to collect baseline data and to monitor fish populations and aquatic diversity in wetlands.

<p><b>16:</b> Amount of leveraged financing for conservation</p>	<p><b>\$0</b></p>	<p><b>\$4,300,000</b></p>	<p><b>\$ 12,727,362.14</b></p>	<p>European Union funded – Sundarbans Environmental And Livelihood Security (SEALS) Project (<b>12,575,933.85 USD = EUR 10 million</b>). IPAC has participated &amp; contributed to the SEALS joint project design effort, and MOU has been signed between EC and USAID. The SEALS project is scheduled to start end of 2009. 1 EUR = 1.25759 USD</p> <p>1100 households have been provided with Ring-Slab Latrine, cost of each is Taka 1000 (see Indicator 6). Total amount in BDT is – 1,100,000, which is equivalent to USD 15,714.</p> <p>Leveraged from RDRS US\$ 64,286 at LNP and US\$ 71429 at SNP (total – <b>US\$ 1,35,714</b>).</p>
<p><b>17:</b> Number of individuals that are aware of a national Protected Areas network.</p>	<p><b>20,000</b></p>	<p><b>50,000</b></p>	<p><b>16,722</b></p>	<p>Events include IPAC Inception workshops, different communication and awareness raising gatherings.</p>
<p><b>18:</b> Improved capacity of Forest Department, DOE&amp; DOF to support integrated conservation and development programs.</p>	<p><b>TBD</b></p>	<p><b>TBD</b></p>	<p><b>-</b></p>	<p><b>Work in progress:</b> 14 GoB field staff are scheduled to attend Conservation Biology certificate course and related training activities; major training workshop on carbon project preparation is also being organized</p>
<p><b>19:</b> Number of communities with co-management agreements.</p>	<p><b>Forest – 8 wetland -16</b></p>	<p><b>TBD</b></p>		<p><b>Work in progress:</b> field level assessment has been done for all sites, 199 villages have been selected and 31 Village Conservation Forum formed. Subsequently Co-management committee and council will be formed. The new co-management structure is being discussed. Once approved by the GoB through gazettee notification, the formed CMC will have authorization and mandate to conserve Protected Areas.</p>
<p><b>20:</b> Number of training curriculums developed and trained modules designed and taught</p>	<p><b>0</b></p>	<p><b>4</b></p>	<p><b>1</b></p>	<p><b>Module on Bamboo Value Chain developed and taught.</b> <b>Work in progress:</b> One (1) applied conservation biology course has been developed including training modules. Training will start next reporting year.</p> <p>Training outline designed and carried for</p> <ul style="list-style-type: none"> <li>Exposure visit to India or Nepal to observe Joint Forest Management or Community Forestry</li> <li>Nature Tourism</li> </ul>

				<ul style="list-style-type: none"> <li>• Training on GPS</li> <li>• Communication Training</li> </ul>
<b>21:</b> Number of recorded visitors to targeted PAs.	<b>55,428</b>	<b>50,000</b>	<b>(70,000)</b>	<b>Work in progress:</b> Government has approved entry fee, ticket design and sharing of 50% revenue by the CMCs. Training is scheduled for CMCs to manage visitors. Soon after, the number will be recorded.
<b>22.</b> Number of GOB protected area management units with improved capacity for co-management	<b>5</b>	<b>9</b>	<b>-</b>	<b>Work in progress:</b> 11 senior officials of GoB participated in exposure visit to see PA co-management in Nepal May 23-29, 2009  14 GoB field staff are scheduled to attend Conservation Biology certificate course and related training activities; additional training for CMC members is under preparation

# Annex 4 – IPAC Team and Staff Mobilization



# **IPAC PARTNER STAFF MOBILIZATION BY QUARTER** (June 2008 - May 2009)

