

# Indus FOREVER

01

A Quarterly Newsletter of the Indus for All Programme, WWF - Pakistan

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## In this Issue:

### Editorial

Glimpses of the year 2009

### Programme Highlights

- Phase II: Indus Ecoregion Programme
- Launching the "Citizens' Guide to Environmental Rights, Duties and Obligations"
- Indus Ecoregion Steering Committee Meeting Held
- Friends of Indus Forum Meet at Keenjhar Lake
- Partnership Fund Grants: Round Three

### The Policy Monitor

A Snapshot of Policy Interventions:  
October - December 2009

### Strengthening Partnerships

Glimpses from the Programme  
Implementation Units

### HR News

### Other News

## Editorial Board

Nasir Ali Panhwar  
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Indus Forever is the quarterly newsletter of the Indus for All Programme; the first five years (2007 – 2012) implementation phase of a 50 – year vision of the Indus Ecoregion Conservation Programme. Funded by the Embassy of the Kingdom of the Netherlands in Pakistan, the Programme is being implemented by WWF – Pakistan in close collaboration with the Government of Sindh. The Programme aims to conserve rich biological diversity of the Indus Ecoregion through livelihoods improvement of the local communities. The newsletter aims to keep stakeholders, other concerned organizations and individuals updated about the activities, progress and future endeavors of the Programme.

## Glimpses of the Year 2009

While reviewing the Programme's performance in 2009, it is important to highlight the role played by four cross-cutting elements: institutional development; resource mobilization for natural resource management; policy mainstreaming and community commitment. With regard to institutional development the programme has undertaken a series of initiatives. These include, the development of Sindh Forest Department's GIS Lab in Hyderabad, review of the Wildlife Protection Ordinance 1927 and strengthening the custodian departments through training workshop for District Game Wardens, first of its kind, are major achievements of 2009. District level institutions were strengthened by training Executive District Officers (EDOs) on environmental indicators and in the area of assessing Environmental Impact Assessments of large infrastructures and development projects. The Friends of the Indus Forum was successfully registered this year and a position paper on water requirements downstream of Kotri was also published. The Programme undertaken a review and began the planning and site selection process for phase II of the Indus Ecoregion Programme.

In the policy mainstreaming the programme has produced poverty-environment (PE) linkages and indicator studies, a PE manual and a PE working paper for the fisheries sector. Other PE working papers have been developed for long-term planning documents, namely the Poverty Reduction Strategy Paper (PRSP) and the Medium Term Development Framework (MTDF). With respect to resource mobilization for natural resource management the Programme has successfully developed Participatory Natural Resource Management (NRM) Plans and Livelihood Development Plans (LDP). The Programme was successful in obtaining technical support from the United Nations Human Settlement Programme (UN-HABITAT) for the creation of constructed wetlands. Alternate energy schemes such as solar, wind and biogas units were also installed at sites with the support of private sector, demonstrating the Programme's ability to engage with corporate bodies who are important stakeholders for future sustainability.

Community development has been strengthened by capacity building through trainings in project proposal development and advocacy methods, while resource user groups (e.g., mat makers, stone extractors and forest users) too have been trained to address location specific natural resource issues in their respective areas.

CBOs have also been sensitized on issues of environmental health and hygiene through celebrations held on significant environmental days, campaigns, spellathons, rallies, theatre and puppetry shows. The Indus Nature Carnival enabled students to showcase Indus Ecoregion themes and engaged a large cross-section of Karachi's population.



## Programme Highlights

### Phase II: Indus Ecoregion Programme

The Programme's progress and future prospects were reviewed by experts, departmental heads and senior officials of stakeholder organisations in two consultative workshops organised by WWF – Pakistan on 6 October and 24 November 2009 in Karachi. More than 120 participants including officials from the Sindh Government, representatives from Academia, UNDP, IUCN, LEAD Pakistan, AHAN, Embassy of the Kingdom of the Netherlands, Shirkatgah, community based organizations and media agencies attended both the workshops.



Mr. Yan Willem Cools, the First Secretary Environment-EKN and other participants during Indus Ecoregion Programme Review workshop

In the first workshop the participants deliberated on various aspects of the Programme including progress to date, lessons learned, current status and stakeholders' contribution. New priority sites were selected for the next phase of the Programme. These include Shah Bunder (deltaic ecosystem) in district Thatta, Manchar Lake (freshwater ecosystem) in district Dadu, Nara Wetlands Complex (desert-wetlands ecosystem) in districts Khairpur and Sukkur and Khebrani Forest (riverine forest) in district Matiari.

During the second workshop, aside from the Programme's progress, the challenges faced during the implementation of the first phase were discussed in addition to scaling up selected interventions for the next phase.

### Launching the 'Citizens' Guide to Environmental Rights, Duties and Obligations'

A one-day workshop, organised by the Indus for All Programme for the launch and dissemination of the 'Citizens' Guide to Environmental Rights, Duties and Obligations' was held on 24 December 2009 at the Indus Hotel, Hyderabad. The launch presented the publication to a wide ranging audience. Its utility as an advocacy tool was highlighted. A total of 50 participants including representatives of local NGO and CBOs from Hyderabad, Thatta, Sanghar and Shaheed Benazirabad (formerly Nawabshah), the Sindh Environmental Protection Agency, journalists from electronic and print media, and Programme staff attended the workshop.

Sessions were facilitated by Advocate Qazi Ali Athar (Environmental Law Attorney) who gave a detailed account of the guide and informed the participants on the ways of using the guide as an advocacy tool. Professor Retd.



A view of the launch and dissemination of the Citizen's Guide to Environmental Rights, Duties and Obligations

Qalandar Shah Lakiari, who was responsible for translating the publication into Sindhi, was also in attendance. Mr. Muhammad Hashim Laghari, former Secretary Environment, attended the workshop as Chief Guest and shared his views on environmental legislation in the country. At the end of the workshop copies of the guide (both English and Sindhi) were distributed among participants.

### Indus Ecoregion Steering Committee Meeting Held



Mr. Munawar Opal, ACS, Planning and Development Department, Govt. of Sindh presiding over 7th IESC meeting

The 7th meeting of the Indus Ecoregion Steering Committee (IESC) was held on 16 December 2009 in the Planning & Development Department, Government of Sindh. The Additional Chief Secretary (Dev) Mr. Munawar Opal presided over the meeting. The Secretary Forest & Wildlife Mr. Mush-taque Ali Memon informed the members that Forest Act would be reviewed in collaboration with WWF - Pakistan. Highlighting the Programme's progress, the Programme Coordinator, Mr. Nasir Ali Panhwar, told the committee that two training workshops were held during the last six months, one for honorary district game wardens of Sindh. The other was 10-day training on fish stock assessment and aquaculture held at Keenjhar Lake. He added that the review of Wildlife Protection Ordinance 1972 has been initiated. In other Programme activities, on national tree plantation day, 121,200 saplings were planted in four priority sites of the Programme and that the construction of information centers at Keenjhar and Chotrai was underway.

## Programme Highlights / Policy Monitor

The Coordinator NRM, Indus for All Programme Mr. Rab Nawaz, spoke on issues of special concerns. Participants included: the Secretary Livestock and Fisheries Department, Dr. Laeeq Ahmed Memon, Mr. Hamid Marwat from the Planning Commission of Pakistan, Mr. A.B Kalhor, Chief Agriculture, Mr. Ghulam Qadir Shah from IUCN, Ms. Zubeda Birwani from Shirkatgah, Mr. Waqar Phulphoto from Sindh Environment Protection Agency, Dr. Bakhsal Lahsari from Mehran University and representatives of relevant government departments. Earlier, on 12 December 2009, the sub committee of IESC headed by the Secretary Forest and Wildlife Department, Mr. Mushtaque Ali Memon, visited Pai forest where they were briefed on lining of Rahib Shah minor. They also visited constructed wetland project in village Majeed Kerio.

### Friends of Indus Forum Meet at Keenjhar Lake

A quarterly meeting of the Friends of Indus Forum was held on 30 December 2009 at Keenjhar Lake, district Thatta, Sindh. The meeting was presided over by the President of the Forum, Mr. Naseer Memon, while General Secretary, Mr. Nasir Ali Panhwar briefed the forum about major achievements.



Friends of Indus Forum's members at Keenjhar Lake

The Forum decided to launch its position paper on water requirements downstream Kotri, in order to sensitize policy makers and parliamentarians on the issue. The paper will address the environmental, social and economic impacts of water scarcity on the Indus Delta. The Forum also expressed concern over the pollution caused by tourists at Keenjhar Lake. Members visited the interventions of the Indus for All Programme at villages Aaz Mohammad Jakhro and Karo Dhandhail located around Keenjhar Lake. They also visited the Keenjhar Conservation & Information Centre at Keenjhar Lake and a floating hut made by local communities with the support of the UNDP-GEF's Small Grants Programme.

### Partnership Fund Grants: Round Three

The Partnership Fund of the Programme provides grants for conservation projects in the Indus Ecoregion and along the Indus Basin. The third round of funding began in quarter 4, 2009. Seven project proposals were presented before the Partnership Fund Technical Committee in its fourth meeting held on 20 October 2009. The committee approved five, and rejected two proposals.

Between June-July 2009, the Project Review Committee reviewed 51 projects and recommended seven for consideration by the Partnership Fund Technical Committee.

The Scientific Committee of WWF - Pakistan also granted two projects under the Partnership Fund during this time. Further details about the seven approved projects are as under:

Project Title	Project Implementer	Project Title	Project Implementer
Rehabilitation & Restoration of Internal Irrigation System & Habitat Conservation of Pai Forest	Sindh Forest Department, Afforestation Division Govt. of Sindh, Shaheed Benazirabad, Sindh	Community Based Wetland Management Deh Akro-II	Sangat Development Foundation, Shaheed Benazirabad, Sindh
Reforming Forestry Governance in Sindh	Forest and Wildlife Department Govt. of Sindh	Kiran Aurat Tarqiyati Tanzeem village Talli, Shaheed Benazirabad, Sindh	Livestock sector development in Pai Forest as an alternate livelihood source
Biodiversity conservation of the natural Dye Plant in Pai Forest of Indus Ecoregion	Goth Sudhar Sangat village Haji Keerio, Shaheed Benazirabad, Sindh	Mehran Taraqiyati Tanzeem Shaheed Benazirabad, Sindh	Economic empowerment of women through skill enhancement and provision of alternate livelihood
Community Integrated Rangeland Conservation and Management	Sustainable Development Foundation, Sanghar, Sindh		



Partnership Fund Technical Committee deliberating on the project proposals

### Policy Monitor

A Snapshot of Policy Interventions:  
October – December 2009

At the end of quarter 4, 2009 the Indus for All Programme has endeavored to promote environmental mainstreaming in various government policies and actions, while providing instances of practical application for its Poverty-Environment (P-E) research.

The Programme has successfully contributed its recommendations on natural resource management and forestry for the forthcoming 10th 5-year Development Plan. The 10th 5-year Plan is the Government of Pakistan's five year economic planning document, which identifies government

## Strengthening Partnerships / Glimpses from the PIUs

development priorities and is accompanied by a long-term budget that outlines budgetary allocations to a variety of sectors including the environment, agriculture, forestry and water among others. The forthcoming 10th 5 year plan, which will be released next year will supercede the current Medium Term Development Framework (MTDF 2005-2010). While the title of the MTDF 2005-2010 is different from earlier 5-year plan, it has the same purview and follows the same parameters as the earlier 5-year plans.

The recommendations were submitted to the Environment Section housed in the Planning Commission in Islamabad. Recommendations include ways to strengthen the forestry sector; methods for efficient water use and combating desertification; market based instruments for promoting conservation; improving rangeland conditions; and capacity building and raising awareness.

To read the complete publication, please visit our website at: <http://www.foreverindus.org/policymonitor.php>.

Our interaction with the Government of Sindh, the Indus for All Programme's major partner, has also had a significant policy thrust with concrete on-ground applications. The Programme is in the process of finalizing a plan for improving the P-E relationship in the fisheries sector. The sector plan focuses on assessing P-E linkages and providing suggestions for improving incomes of fishing communities in our priority sites in Sindh. Once completed, the fisheries sector plan in conjunction with our ongoing Site Strategic Plans will shape our site specific interventions for 2010.

### Strengthening Partnerships

#### WWF, AHAN Signed MoU for Promoting Sustainable Livelihoods

The Indus for All Programme under WWF – P signed a Memorandum of Understanding (MoU) with Aik Hunar Aik Nagar (AHAN), Sindh aimed at mutual technical and institutional support for sustainable livelihoods.

AHAN will provide technical assistance to the women artisans initially at Indus for All Programme's two priority sites, Pai Forest in district Shaheed Benazirabad and Chotiari Reservoir in district Sanghar.



Mr. Nasir Ali Panhwar, Programme Coordinator Indus for All Programme and Mr. Shakeel Abro, Regional Manager, AHAN at the MoU signing ceremony

#### Forum of Environmental Journalists Pakistan (FEJP) Visits Indus for All Programme's Priority Sites

A seventeen member delegation of the Forum of Environmental Journalists Pakistan (FEJP) visited three sites of the Indus for All Programme, including Pai Forest, Chotiari Wetland Complex and Keenjhar Lake from 1-4 November 2009.



The FEJP delegation at Chotiari Reservoir

The delegation observed various interventions including biogas plants, vocational training centre for women, pitcher irrigation schemes, habitat and species conservation zones etc. The delegation also held meetings and shared views regarding environmental issues of Indus Ecoregion with the representatives of the respective communities, journalists, district government officials and staff of the Indus for All Programme.

During the four days tour the delegation visited press clubs of Shaheed Benazirabad, Sanghar and Hyderabad and exchanged views with journalists. The Friends of the Indus Forum gave presentation on the situation of the Indus delta. The delegation also met the Vice Chancellor, University of Sindh, Mr. Mazahar-ul-Haq Siddiqui. The delegation also visited the floating boat hut at Keenjhar Lake established by a local NGO with support of UNDP-GEF to promote ecotourism and also visited low cost houses near Jhirk in district Thatta.

### Glimpses from the Programme Implementation Units (PIUs)

#### Resource Users' Sensitization Workshop



A view of the resource user's sensitization workshop at Keti Bunder.

## Glimpses from PIUs

The PIU Keti Bunder organized a resource user sensitisation workshop on 31 December 2009. 30 participants representing the fishing communities of Khobar and Hajamro Creeks and inland villages of Mero Dablo attended the workshop. The workshop raised awareness regarding sustainable management of fisheries resources among local communities dependant on fishing.

The sessions were facilitated by the Site Manager and the Natural Resource Management Officer. Through interactive learning sessions current fishing practices and their implications for livelihoods and the resource base were deliberated in detail. At the end of the workshop participants showed their willingness to advocate against the use of illegal fishing nets.

### Nature Camping at Keti Bunder



Students participating in the nature study camp at Keti Bunder

The PIU Keti Bunder arranged a Nature Camp for students. A total of 18 students, 5 teachers and the Area Manager of the Citizen's Foundation participated in the activity. The students were grouped into four, with designated group leaders who maintained learning, discipline and team work. The groups were assigned specific tasks such as observation of flora, fauna and environmental problems.

The participants visited village Khariyoon which is a potential site for dolphin watching and is a hub of avifauna. At the end of the camping activity each group presented their work and learned from each other's findings. The students and teachers along with the management of TCF showed their commitment to hold similar outdoor learning events in future.

### Nature Study Camp at Chotiari Reservoir

Members of various nature clubs from district Sanghar went for a 2-day nature study camp to learn and interact with the unique natural environment at Chotiari Reservoir. The camp was organised by the Programme from 19-20 November 2009 at Sadori Island in the reservoir. During the two-day study event, 33 students engaged in a variety of activities including camp setting; exposure to a model nature club; a boat ride; plant collection and trekking in the desert.



A view of the nature study camp at Sadori Island, Chotiari Reservoir

### Field-Based Teachers Training in Environmental Education

A two - day field-based teachers training in Environmental Education (EE) was organized by the PIU - Chotiari Wetlands Complex from 18 -19 November 2009. The training was facilitated by Master Trainers in Environmental Education trained by the Programme and the Environmental Education Officer. A total of 21 teachers including 4 female teachers from 15 primary and high schools, government and private, attended the training. The training aimed to promote environmental education, develop knowledge and skills of schoolteachers and enhance exchange of information and experiences. On the second day of training, participants were given an exposure visit to a model nature club, at Govt. High School Choudhry Barkat where environmental education activities were practised.



Training participants during a field-based trip to Sadori Island at Chotiari Reservoir.

### Youth Greening Activity at Pai Forest

A two-day youth greening activity was organised by the PIU-Pai Forest in collaboration with Cultural Youth Group of Talli village and Sindh Forest Department from 14-15 December 2009. In one day 2500 saplings of Babul (*Acacia nilotica*) were planted in compartment 71 of Pai forest by 74 members of the youth group under supervision of 5 staff members of Sindh Forest Department. On the second day a seminar was organised in village Talli, Sakrand which was attended by about 300 participants including local communities, journalists, Union Council Nazims, representatives of CBOs and NGOs, professionals from Cotton Research Institute, Wheat Research Institute, Agricultural Training Institute, Sindh Seed Corporation and Education, Forest and Wildlife departments.

## Glimpses from PIUs



*Youth members and forest department staff during the plantation in Pai Forest*

The youth groups delivered environmental messages through a range of stage dramas and tableaux whereas social activists and experts spoke on environmental issues. The cable network in Sakrand and FM Radio channel broadcasted details of the event for three days. The event was covered by various local newspapers, FM Radio, and TV channels.

### PITE Delegation Visits Programme Site Office

Provincial Institute of Teacher Education (PITE), Shaheed Benazirabad is a renowned institution for pre and in-service teachers' trainings. Recently, the discipline of environmental education has been incorporated in its syllabi. A delegation of 37 members including 32 students and 5 faculty, visited Pai Forest site office on 30 October 2009.



*PITE delegation during briefing session at Pai Office.*

The delegation learnt about the approaches, methods and techniques applied by WWF – Pakistan to promote environmental education under Indus for All Programme. The Indus for All Programme's Communication & Awareness Strategy was reviewed focusing on sub-strategies for Academia and School Outreach Programmes. The delegation agreed that PITE would distribute Programme's awareness materials and would invite WWF – P staff to deliver presentations in PITE training events.

### Training in Fish Stock Assessment at Keenjhar Lake

The Indus for All Programme organized a twelve-day training workshop on "Fish Stock Assessment" for the officials of the Sindh Fisheries Department from 10-21 October 2009 at Keenjhar Lake, Thatta. The workshop was also attended by nominated staff of the Marine Fisheries Department, Punjab Fisheries Department, Zoological

Survey Department, Sindh Wildlife Department, University of Sindh Jamshoro and Karachi University. 20 participants including three females attended the training. The training helped build capacity of the Sindh Fisheries Department and other stakeholders in the field of fish stock assessment.

The training was facilitated by Professor. Dr. Upali. S Amarasinghe, University of Kelaniya, Sri Lanka, an expert in the field of fish stock assessment and Dr. Elmo Weerkoon, Ministry of Fisheries, Sri Lanka, an expert in Pen and Cage Culture.



*A view of the installation of pen and cage at Keenjhar Lake*

The installation of pens and cages at Keenjhar Lake was one of the hands-on learning activities, which was also attended by the local Community Based Organisations and staff of PIU-Chotiari Reservoir, district Sanghar. At the end of the training workshop a certificate distribution ceremony was organized. As Chief Guest, Mr. Waheed Ahmed, Director General, Sindh Fisheries Department, distributed certificates among participants.

### Ground-Breaking Ceremony of the Keenjhar & Conservation and Information Center

The ground-breaking ceremony of the Keenjhar Conservation and Information Centre being established by the Indus for All Programme was held at Keenjhar Lake on 23 November 2009.

Mr. Jan Willem Cools, First Secretary Environment and Water, Embassy of the Kingdom of the Netherlands laid the foundation stone along with Ms. Yasmeen Javed from the Embassy. Mr. Ali Hasan Habib, Director General WWF - Pakistan, Dr. Ghulam Akbar, Regional Director WWF Sindh, and other participants were also present on the occasion. Mr. Cools expressed his expectation that the centre would contribute significantly in raising awareness about Keenjhar Lake among the general public as well as students and researchers.

Mr. Ali Hasan Habib, Dr. Ghulam Akbar and, Mr. Nasir Ali Panhwar also spoke on the occasion. Earlier, Dr. Bakhshal Lashari and Mr. Masood Mahaser briefed the visitors about the construction work.

## Glimpses from PIUs



A view of Ground-breaking ceremony of the Keenjhar Conservation and Information Centre at Keenjhar Lake, Thatta

### Livelihood Development Plans Implementation at Programme Sites

Implementation of Livelihood Development Plans (LDPs) has been successfully initiated at the Programme's priority sites. A total of 9 interventions have been initiated at four sites during the fourth quarter of 2009.

Fish cold storage tanks were distributed among deserving fisher folk belonging to creek and inland communities in Keti Bunder area. A project on fish pen culture was also initiated with a women group of Keti Bunder and in creek villages. This is the first time that women are being seriously involved from planning to implementation in livelihood initiatives at the Programme sites. A traditional food corner (fish and Pakora corner) at Hillaya picnic point, Keenjhar Lake is another initiative of CBOs under the LDPs.



Fish cold storage tanks are being distributed among fishermen at Keti Bunder

Traditional fish items will be the main food along with a few more items to attract tourists and visitors.

Poultry units were also distributed among community women at Keenjhar Lake. Initially 160 poultry units (six birds in one unit) with poultry cages have been distributed among four potential women selected by the local CBO. This initiative will be replicated on a larger scale, if successful. Two livestock management trainings were also held at Keenjhar and Chotiari under LDPs.

### Adding Value to Local Handicraft

To obtain the required technical support in product development and marketing of handicrafts, the Programme partnered with AHAN, a project of the Government of Pakistan's Small and Medium Enterprise Development Authority (SEMDA). Four trainings, two each at Shaheed Benazirabad and Sanghar were conducted in product development. The trainings aimed at meeting with present market trends without harming/losing indigenous practices. Eight new products including ladies shirts, trousers, frames and pouches etc have been developed in this quarter.



A product developed by women artisans at Chotiari.

This is first time that the local community women have received market-oriented training and successfully obtained orders from a leading apparel outlet "Ideas" of Gul-Ahmed. Other potential outlets are being explored.

### Wind Turbines at Jhimpir- An Alternate Energy Source

The Sindh Minister, Cooperation Department, Mr. Abdul Jalil Memon, (late) inaugurated wind turbines near village Jhimpir, district Thatta. The turbines were installed by the Global Development and Welfare Organization with support of the Programme's Partnership Fund.



Mr. Abdul Jalil Memon (late), Minister, Cooperation, inaugurating wind turbines at near village Jhimpir, District Thatta

The Sindh Minister, Cooperation Department, Mr. Abdul Jalil Memon, (late) inaugurated wind turbines near village Jhimpir, district Thatta. The turbines were installed by the Global Development and Welfare Organization with support of the Programme's Partnership Fund. Speaking on the occasion, the Minister said that Kohistan has tremendous potential of wind power generation and hoped that the provision of power at the household level through wind turbines would provide long awaited power to the villages.

He urged the area people to ensure timely operation and maintenance, so that these turbines run for longer time to benefit them. Programme Coordinator, Indus for All Programme, Mr. Nasir Ali Panhwar said that communities of Keenjhar Lake are directly dependent on the natural resources and it is imperative that they should be provided with alternate sources of livelihood, so pressure on depleting natural resources may be reduced. He added that biogas plants are being promoted in the area, which would have positive impacts on the economy and ecology of the area; while the byproduct of biogas would serve as an environmentally friendly fertilizer for the crops. Site Manager, Keenjhar Lake, Mr. Zahid Jalbani, Mr. Aftab Memon, President of Global Development & Welfare Organization, Mr. Qadir Palari, Mr. Razak Barach, Mr. Khalid Memon Mr. Mehboob Brohi, Mr. Ahmed Palari and others also spoke on the occasion. Later the Minister inaugurated biogas plant in village Sukhi Aatho.

## HR News

### National Trainings

Twenty - four staff members of both Programme Management Unit and Programme Implementation unit attended national level trainings in different disciplines.

### International Trainings

Mr. Rab Nawaz, NRM Coordinator, attended four -day training on "Achieving Carbon Offsets for Mangroves and Wetlands" organized by Ramsar Secretariat from 8-11 November 2009 at Gland, Switzerland.

### Internships

- Abdul Sattar Channa, B.Sc, University of Sindh, interned from 28 August - 27 September 2009. He assisted Programme Economist at Karachi Office.
- Nida Shaheen, M.A Social Science, Karachi University, interned from 28 September - 9 November 2009. She assisted in data analysis under Programme Economist at Karachi Office.

### Welcome on board

1. Mr. Attaullah Pandrani joined as Natural Resource Management Officer at Programme Implementation Unit, Pai Forest, Shaheed Benazirabad from 20 October 2009.
2. Mr. Chettan Kumar joined as Community Development Officer at Programme Implementation Unit, Keenjhar, Thatta from 2 November 2009.

## Other News

### Getz Pharma Visits backwaters



Representatives of Getz Pharma visit backwaters

A meeting was arranged between Getz Pharma and WWF - P's Sindh Program on 11 November 2009 at WWF Pakistan's Wetland Centre. Representatives of both organizations agreed to meet again with some concrete plan to develop infrastructure for the promotion of ecotourism. Later the representatives of Getz Pharma visited the backwaters. Dr. Altaf Abro, Manager Sindh Programme, briefed the visitors about the potential for ecotourism at Kakapir village, Sandspit.

### Pakistan Rangers at the Wetland Centre



Pakistan Rangers during a training workshop at Wetlands Centre, Sandspit

A one-day training workshop for Pakistan Rangers was organized by Pakistan Wetlands Programme, Islamabad on 18 November 2009 at WWF - P's Wetland Centre, Sandspit, Karachi. A total of 25 including officers and soldiers from Pakistan Rangers attended the training. Dr. Altaf Abro, Manager-Conservation, Sindh Programme, and Babar Hussain, incharge Wetland Center, gave presentations on the efforts of WWF-P's Wetland Centre towards conservation of marine turtles, mangroves and other awareness raising activities.

## Indus For All Programme, WWF - Pakistan

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### Programme Implementation Units (PIUs)

#### Chotiari Wetlands Complex

House # 129/2, Housing Society,  
Shaheed Benazirabad Road,  
District Sanghar, Sindh  
Tel: 0235-542837,  
Fax: 0235-542791

#### Keenjhar Lake

House # B/112,  
Hashimabad Society Makli,  
District Thatta, Sindh  
Tel: 0298-772318, 772319, 610426

#### Keti Bunder

Adnan House, Rano Mori Stop,  
P.O. Keti Bunder  
via P.O. Mirpur Sakro,  
District Thatta, Sindh  
Tel: 0298-620406, 610976, 619366

#### Pai Forest

House # A-3, M.U.C.E.T Employees  
Co-operative Housing Society,  
Shaheed Benazirabad, Sindh  
Tel: 0244-366364, Fax: 0244-282496

"Every time we lose a species we break a life chain which has evolved over 3.5 billion years."

- Jeffrey McNeely.