



NATURE ENVIRONMENT & WILDLIFE SOCIETY

Annual Report 2011-12



SECRETARY'S REPORT

Our organization, this year has stepped into twenty second year. A colourful journey that started in 1991 under the guardianship of our Founder President Late Adhip Sarkar, resulted into so many reports, publications, seminars and workshops. We could make our magazine, Environ self-sustained, which began its journey in 1993. Last year was quite an eventful year for the society.

The mangrove reforestation and afforestation programme has stepped into third year. We could involve people, specially women of Sunderban in the endeavour. Still a huge task is ahead. We are grateful to Mr Bernard Giraud, Mr. Jean Pierre Renaud, Mr. Timm Tennigkeit and Mr. Jack Ruitenbeek for the tireless efforts to make the mangrove project a great success. Also in Buxa Tiger Reserve the collaborative study in lesser cats, a project close to our heart, has taken off and already some unexpected positive results have started coming in. I thank Mr. R. P. Saini and Mr. Bhaskar for their guidance and cooperation. We have been entrusted with a very prestigious project of improvement of the quality of life of the vulnerable people of Sagar by the World Bank through ICZM, Dept. of Environment, Govt. of West Bengal. Our hearty thanks to Mr. Arijit Banerjee, Mr. Somnath Bhattacharya of ICZM and Mr. Tapash Pal of World Bank.

My hearty thanks to Mr. Mark Lorenz of Hyatt Thrive for selecting this organization for the task of formulating a pilot project of solid waste management in two wards of Bidhannagar Municipality. The contribution of Mr. Debasish Jana, Chairman-in-council of Bidhannagar Municipality is highly acknowledged.

We are grateful to Mr. Sk. Emdadul Islam and Mr. Gautam Seal of BITM for collaborating in Wildlife and environmental programmes with NEWS.

The Mangrove Benchmark study, sponsored by IUCN through Sunderban Biosphere Reserve is a real challenging programme. The field work have just begun. I am thankful to Mr Subrat Mukherjee, Mr. Ravi Kant Sinha and Ms. Lipika Roy for their suggestions and guidelines in the project.

I am grateful to Mr. Hiten Burman, Minister-in-Charge, Forest and Mr. Dean R. Thomson, Consulate General of USA for their kind participation in the inaugural programme of our Annual Photography Exhibition. My special thanks to Mr Sumit Sen of the Times of India, Mr Tapan Chakraborty and Mr Ambar Singh Ray of Tata Steel for their whole-hearted support in all our events. Lastly on behalf of our society I thank Mr. S.B. Mondal, PCCF, Wildlife and Mr Pradeep Vyas, Director, Sunderban Biosphere Reserve for their continuous guidance and advice to our society in every respect.

Mr Biswajit Roy Chowdhury

Secretary

GOVERNING BODY

President	: Mr Partha Sengupta
Vice Presidents	: Dr J R B Alfred, Dr H S Debnath
Secretary	: Mr Biswajit Roy Chowdhury
Jt. Secretary and Project Director	: Ms Ajanta Dey
Treasurer	: Mr Subhasish Basu
Members	: Dr Twisha Lahiri, Dr Manas Ranjan Roy, Ms Raka Kar, Mr Partha Sadhan Bose, Mr Abdul Kader Kagalwala
Past Presidents	: Late Adhip Sarkar, Mr Prasun Mukherjee

ENVIRONMENT & ECOLOGY



Mangrove Nursery in Sunderban

❖ Afforestation and reforestation of mangroves in Sunderbans

Funded by: Livelihoods

It is a large scale mangrove afforestation programme, engaging community for securing livelihoods through carbon finance models

Goal :

- ❖ Afforestation of mangroves and restoration of the vibrancy of the wetlands ecosystem
- ❖ Community mobilization and engagement in restoration process
- ❖ Developing a carbon offset strategy on wetland restorations to reduce impact of greenhouse gas emissions - an innovative approach to link biodiversity and livelihoods

Livelihoods Fund is an innovative carbon investment fund, whose fundamental goal is to create social value for rural communities and contribute to their food security through restoration of their ecosystems.

The Sunderbans project has target of 6000 ha cover of mangrove regeneration, thereby restoring the wetland ecosystems, contributing significantly to increased livelihood resources through increased fish and crab catch. It also ensures continued existence of the community in this fragile matrix; the mangroves on the mudflats dissuade wind and wave energy and protect the embankments against tidal surges. It also forms a bio-shield against tropical cyclones and storms and protect the community from natural hazards.



The project has already completed 2500 ha of mangrove area plantation in first two years and envisages to complete the rest 3500 ha by 2014. With a strategy of 4000 saplings per ha, the community has already planted 1 crore plants (saplings and direct seed) in 2500 ha of mudflats. In the last two years 41 lakhs saplings have been generated through nurseries, maintained by communities. This year alone, the target is 35 lakhs. Working in 15 out of 19 blocks in Sundarbans the project is spread over 112 villages. More than 30000 villagers have directly taken part in the project implementation.

Seaweeds - Upgradation of Socio-Economic Profile of Women Folk of Indian Sunderban through Seaweed Culture

Funded by: Department of Science and Technology, Government of India.

There is a huge demand for *Glacilaria Verrucosa* seaweed which grows in brackish water almost throughout the Indian coast. It has an immense economic potentiality due to its medical, cosmetic and edible value. This natural resource has remained untrapped so far in this region. NEWS has taken the initiative to train the women folk of Sunderban area on the importance of Seaweed as an alternative

livelihood. Seaweed is a favourable protein supplement to the under-nourished women folk of the area. Seaweed culture in the present geographical locale is not practiced; neither the technology is known to the local people. The dominant seaweed species are present in wild condition on jetties, blocks, mangrove stumps and pneumatophores.

The women who care little for their comfort, health and personal life also get engaged in prawn seed collection and other unsustainable livelihood practices to support their families with additional income. This often causes life risk as they are prone to skin diseases and crocodile attacks. This also keeps them away from their houses for long time which enhances the household problems and usually they suffer from malnutrition, mortality during childbirth (18%), skin problems and anaemia.

OBJECTIVES

- 1. Optimization of sustainable harvesting practices of seaweeds from natural resources
- 2. Identification of sustainable cultivation locations and standardizations of culture and cultivation practices of *Glacilaria Verrucosa*
- 3. Development of culture farm of the seaweed, *Glacilaria Verrucosa* in one acre land for demonstration purpose
- 4. Standardization for post harvesting technology for drying, packaging and storage in specific location
- 5. Development of methodology for preparation of poultry and cattle feed, liquid fertilizers and other nutritional value added feed from *Glacilaria Verrucosa*
- 6. Arrangement of buyback of the products
- 7. Preparation of training and awareness generation materials at grass root level.
- 8. Building scope of upliftment of social and economic status of low income women groups through seaweed culture.

❖ **Mangrove Benchmark Study And Related Workshop**

Funded By: IUCN through Sunderban Biosphere Reserve.

The project aims to study the sustainable habitats of mangroves and their associate in Sunderban under different physio-chemical and anthropogenic factors of the area, mangroves species suitability under different environmental condition and to develop mangrove afforestation manual.

OBJECTIVE:

- ❖ Study the suitable habitat of mangroves and their associates in Sunderban under different Physico-Chemical and anthropogenic factors of the area.
- ❖ Study the dominant mangrove species suitability under different environmental condition for afforestation programme.
- ❖ Develop mangrove afforestation manual.

The inception report has been accepted and first field trip to Lothian Wildlife Sanctuary has been completed.

❖ **Develop a community participative model for scientific management of municipal solid wastes in East Kolkata Wetlands**

Funded By: Hyatt Thrive

The project aims to build a scientific management of municipal solid waste of 17 and 18 no. wards under Bidhannagar Municipality, to make the people aware and generate action in developing a household level waste segregation and explore generation of entrepreneurial activities e.g. vermicomposting, awareness camps, plastic cleaning campaign, jute bag, paper bag making etc.

OBJECTIVES:

- ❖ Aware and generate action in developing

waste segregation techniques at community household level

- ❖ Spread awareness and explore generation of entrepreneurial activities e.g. vermi composting, bio gas, jute bag, paper bag making etc.
- ❖ Establish linkages between identified stakeholders
- ❖ Build mutual trust and confidence with the community
- ❖ Create a proper scientific management plan for municipal solid waste

Plastic Awareness & Cleaning Campaign

NEWS in collaboration with Hyatt thrive has organized several plastic cleaning campaigns in 17 and 18 No. ward to promote non-use of plastic. During these campaigns team members chose one street of the selected wards where intensive awareness campaign and cleaning of the streets were conducted in order to make the area plastic free zone.



Plastic awareness campaign, EKW



WILDLIFE CONSERVATION



Survey of lesser cats

Estimation Of Population Trend Of Lesser Cats In Buxa Tiger Reserve

The aim of the project is to ascertain the occurrence of the lesser cats viz. clouded leopard, marbled cat, leopard cat, fishing cat, jungle cat and golden cat in Buxa Tiger Reserve. The project aims at finding out their population trend and behaviour through camera trapping and scat DNA analysis.

OBJECTIVE:

- To ascertain the occurrence of the Lesser Cats in BTR and to find out their population trend
- To identify the habitat reference and zones of concentration
- To reveal the available prey species and their relative abundance
- To suggest area specific conservation measures
- To create Lesser Cats conservation management plan
- To generate awareness among the forest guards and community towards conservation of Lesser Cats.

Estuarine Crocodile Estimation Programme

Nature Environment & Wildlife Society participated in the crocodile assessment program in Sunderbans which was organized under the guidance of MoEF. The biggest estimation exercise in India for salt water or



Crocodile estimation programme

estuarine crocodile was conducted in the month of January 2012, which includes the Sunderban Tiger Reserve (STR) & South 24 Parganas Forest division. The program included 31 teams, each comprising 3 staff (Two foresters and a NGO member).

❖ Tiger Census in Buxa

Nature Environment & Wildlife Society took part in the comprehensive estimation of the big cats which was arranged this year by the Buxa Tiger Reserve (BTR). In this campaign a scat DNA profiling method was used instead of camera trapping or direct Sighting method. During the tiger estimation exercise, scats were collected to enable DNA profiling of tigers in the reserve. Coordinates have been taken in that place

where the scat sample are found. Camera trap will be arranged where the tiger density will be found high.



Tiger census in Buxa

HEALTH

- ❖ Nature Environment & Wildlife Society, NEWS has been organizing Medical/Health Camps in different parts of Sunderbans, such as in Gosaba, Canning, Sagar, Nafargange, Basanti etc. and Kolkata. The main purpose of these camps is to diagnose the health problem faced by the people living in this threatened ecosystem and also to make them aware about their health problem and as well as basic sanitation and also provide them with free basic medicines. The project is headed by Sri Swapan Chattopadhyaya. The activities include :

- ❖ No. of Medical Camps at Sunderbans: 15
- ❖ No. of Medical Camps at East Kolkata Wetland Area: 2
- ❖ Following quantity of medicines were distributed free among the villagers:
- ❖ Antipyretic & Pain Killer Tablets & Suspension: 19,800
- ❖ Antacid Tabs. & Gel: 32,195
- ❖ Gas & indigestive capsules & Tablets: 37,950
- ❖ Antibiotic Capsules, Tablets & Suspension: 18,500
- ❖ Digestive Enzyme Tablets: 22,650
- ❖ Deworming Tablets: 3,250

- ❖ Cough Syrups: 14,350
- ❖ Multi Vitamin Tablets & Suspension: 42,480
- ❖ B Complex syrup and Tablets: 30,300
- ❖ Anti-Vomiting Tablets: 2,490
- ❖ Iron Capsules: 51,630
- ❖ Eye Drops: 1,850
- ❖ Skin Ointment: 9,840
- ❖ Medicines for blood pressure: 9,790
- ❖ Medicines for blood sugar: 7,210
- ❖ Sugar testing strips: 2,150



Health Camp in Sunderban



LIVELIHOOD



Workshop on better livelihood in Sagar

Project Facilitation of NGOs for Livelihood Development at Sagar Island, West Bengal

Funded By: World Bank (through ICZM)

The project aims to improve the quality of life of the vulnerable segment inhabiting in Sagar Island who are exposed to and victims of natural disasters, climate change effects. The project targets 15000 households to higher economic return as the project funds flow to them. NEWS is implementing the project at Ramkarchar area of Sagar Island, in Samsad No. 9 and 13.

OBJECTIVE:

- Formation and strengthening of self-help groups.

- Capacity building of self-help groups through orientation programme.
- Increased income and employment.
- Develop bank linkage and credit availability at reduced rate.
- Selection of proper livelihood project for individual self- help group.
- More viable micro enterprises.
- Developing marketing linkage and improvement of marketing efficiency.
- Developing linkage with government and nongovernment agencies

EVENTS



Photography Exhibition

- NEWS has conducted its 11th Annual Photography Exhibition "Inheritance" in January 2011 at Academy Of Fine Arts, Kolkata. Around 15 members of Society exhibited their photographs on the theme 'Nature & Wildlife'.
- NEWS had actively participated in a photography exhibition and cultural event organized by Banglanatak.com that took place at Baitanik Gallery. NEWS has exhibited the photographs taken by the members of the society for the three consecutive days at the gallery and also screened two short films on Sunderban and Buxa on the third day.

Earth Day

On 22nd of April 2012, Nature Environment & Wildlife Society in collaboration with Hyatt Thrive and Bidhannagar Municipality had celebrated Earth Day at Prantik Samaj Sadan Hall under Bidhannagar Municipality's 18 no. ward. Teachers and the school students of Naovanga Prathomik Vidyalaya, Choker Bheri Prathomik Vidyalaya and Basanti Niketan Vidyapith took an active part in this event. Different

events were conducted that gave message to conserve and protect wetlands that plays an important role in our Earths ecosystem. The events that were arranged were tree plantation, reptile awareness program by Mr. Dipak Mitra. He explained to the audience about their behaviour and their importance in the wetlands. For the municipal solid waste collectors of 17 and 18 No. ward Pulmonary Function Test (PFT) and general physical checkup was organized which had been conducted by Dr. Manas Ranjan Roy and his team from Chittaranjan National Cancer Research Institute.

World Environment Day

Nature Environment and Wildlife Society (NEWS) in collaboration with Hyatt Thrive and Bidhannagar Municipality celebrated World Environment Day on 5th June. This program was held at Prantik Samaj Sadan Hall under 18 No. wards, under Bidhannagar Municipality. Students and teachers from Basanti Niketan Vidyapith and Swami Vivekananda Adarsha Sishu Shebayak and also solid waste collectors of 17 & 18 No ward participated in this event. A sit and draw competition was arranged specially for the school students. The topic that was given to them was on environment and nature. The students were provided



with stationery products in a paper bag instead of a plastic bag to create general awareness. Simultaneously along with the sit and draw competition another event took place where the solid waste collectors were provided with safety boots for their safety purpose during the waste collection. A special campaign on plastic cleaning was organized by NEWS team where Hyatt Green Team, Bidhannagar Municipality, local councilor and secretary participated. The campaign took place in the Basanti Devi Colony Market. The goal was to convince the local shopkeepers to stop using plastic bags, other plastic products and to make them realize the dangerous effects of using plastics. They were also provided with paper bags.

In continuation of the celebration of World Environment Day, Nature Environment & Wildlife Society organized an event on 27th and 28th of June 2012 at Nafargange Baidyanath Vidyapith along with two other schools, Sunderban Adorsho Vidya Niketan and Hiranmoipur Joigopalpur Netaji Vidyapith at Nafargange, Sunderbans. This programme was funded by Livelihoods. The students were presented with stationery items. On 27th of June 2012 NEWS had organized a sit and draw competition at Nafargange High School, where all the three school participated. The topics for the drawing competition were 'Green Sunderbans' and 'Wildlife is beautiful in wild and a child is beautiful in mother's lap.' On 28th of June the programme started with three competitions that took place for respective classes, such as, Poster making for class VIII, quiz competition for class IX and Debate competition for class X. Two events simultaneously took place after the competitions were over. One is a plantation session at the school premises, where few children and teachers planted young saplings which will be taken care by the school children. And simultaneously for the rest of the children a movie on Sunderbans was shown.

◀ Livelihoods Network Camp

Livelihoods and Naandi Foundation had arranged a 3 day camp at Araku valley from 8th October to 10th October 2012. 130 participants from 21 countries, NGO's, private companies and public institutions have worked together to co-develop concrete solutions that combine environmental protection and the fight against poverty. Discussions went around patterns of agricultural production, agro-forestry access, renewable energy technologies, development of local agricultural production, improving nutrition and health, etc. Participants from Nature Environment & Wildlife Society took part in this campaign to help knowledge transfer regarding their experience in their own concerned field. Panel discussion was held which was concerned regarding different issues such as Carbon as a diamond for bio-diversity resource, marketing strategies, developing power generation & importance of nutrition. Other than the panel discussion and PowerPoint presentation on respective topic, a tour was arranged by Naandi Foundation to show the project on Agroforestry they are doing in Araku Valley in collaboration with Livelihood.



Livelihood workshop at Araku

◀ Workshop-Cum-Training on Seaweed Liquid Fertilizer (SLF) for Farmers, SHGs and Entrepreneurs

Nature Environment & Wildlife Society took part in a

workshop organized by Centre for Biotechnology, Siksha Bhawan, Biswa Bharati, and Soil Testing Laboratory. Like NEWS they are also a part of DST funded national coordinated project on sea weed culture. In this workshop Centre for Biotechnology Department they discussed about how they collect the weeds from Chilika and prepare some extract out of *Grassilaria* which can be used as organic fertilizers. Organic manure from *G. Verrucosa* is distributed among the farmers to test the fertility in compare to the other available manure in the market. Discussion regarding the future possibilities and large scale sea weed culture for organic manure preparation took place.

◀ COP11

XI Conference of the Parties (COP11), Convention on Biological Diversity was held at Hyderabad. NEWS participated in two sessions that were organized by Earthwatch Institute India and Livelihood network.

Earthwatch Institute India, had organized a discussion session on "Citizen Science Model at Work; Success stories on biodiversity in India" at CoP11. NEWS has done a project in collaboration with Earthwatch and HSBC, "The Local Volunteer Project". In this session NEWS shared its viewpoints and experience about working with the volunteers, and the potential of engaging citizen volunteers to further strengthen the conservation research and community work at field.



Biswajit Roy Chowdhury Raghu Saxena



level. Mr. Biswajit Roy Chowdhury, Secretary, Nature Environment and Wildlife Society, described how citizen science is employed in environmental monitoring of the Kolkata Wetlands, where volunteers collect data on flora and fauna, study threats to endemic species, monitor water quality, and study land-use change.

The Livelihoods Day initiated by the Livelihoods Fund was organized jointly with the World Agroforestry Centre (ICRAF), International Union for Conservation of Nature (IUCN), The Ramsar Convention, and the French Global Environment Facility (FFEM). Nature Environment & Wildlife Society (NEWS) was one of the two representatives of projects funded by Livelihoods responsible for the Sunderbans mangrove restoration project. The topic of the panel discussion that followed was: "Innovative approaches to deliver benefits to Livelihoods and Nature". The goal was firstly to explain the importance of biodiversity for poverty, and secondly stress that action should be taken now. The next session gave the opportunity to share the Livelihoods Fund's innovative concept which presents an efficient and sustainable economic model of shared value between local communities and private companies investing in the Fund. Mr. Biswajit Roy Chowdhury from NEWS underscored that ecosystem vulnerability is a matter of human rights. He presented the Livelihoods' sponsored project in the Sunderban area, India, where 30,000 villagers are involved in ecosystem preservation.



GPS Training

GPS Training Programme

Nature Environment & Wildlife Society had organized a special GPS tracking training programme for the Community and NEWS members. This programme was funded by Livelihoods Fund for Nature. For this training programme Mr. Prasant Kadgi from Unique Landuse was present to teach and demonstrate the method of usage of GPS, in monitoring and planning of afforestation programme.

IUCN World Congress

The IUCN World Conservation Congress is the world's largest and most important conservation event. Held every four years, it aims to improve how we manage our natural environment for human, social and economic development.

The last World Conservation Congress was held from 6 to 15 September 2012 in Jeju, Republic of Korea. Leaders from government, the public sector, non-governmental organizations, business, UN agencies and social organizations joined together to discuss, debate and decide solutions for the world's most pressing environment and development issues. NEWS, a member of IUCN attended this event at Jeju.

Mr Biswajit Roy Chowdhury, Secretary and Ms Ajanta Dey were invited to attend the congress. Ms Ajanta Dey delivered her speech in Mangrove restoration

session and both joined the question and answer session of the Press Meet.

Business Meet Biodiversity Conference, Netherlands

Nature Environment & Wildlife Society had the opportunity to take part in the Business meets Biodiversity- an international conference, exploring why and how businesses can effectively incorporate the sustainable use, conservation and restoration of ecosystems and biodiversity in their operational strategies. The Business Meets Biodiversity conference was organized by the Copernicus Institute of Sustainable Development of Utrecht University, in close cooperation with the Dutch Ministry of Economic Affairs, Agriculture and Innovation, Hivos, Rabobank Group, WWF Netherlands and Tropenbos International. The conference was initiated based on two current research projects of the Copernicus Institute on 'Business Cases for Biodiversity', commissioned by the Ministry of Economic Affairs, Agriculture and Innovation, and Hivos. Ms. Ajanta Dey, project director of NEWS, presented the large-scale mangrove afforestation program in the Sundarban. As part of Danone's carbon offset strategy, afforestation efforts not only contribute to the conservation of biodiversity and creation of carbon credits, but also to the protection of local communities against natural hazards. The mangroves in India are crucial to the



Project Director at IUCN Congress at South Korea

livelihoods of local communities but currently lack any form of protection. In order to promote the development of this region and the protection of the mangroves, various stakeholders such as NEWS, scientists, communities and the private sector were involved to realize this Clean Development Mechanism (CDM) project. Community engagement and the company's long-term commitment to the project are key to success.



Project Director at United States with the delegation

International Volunteer Leadership Programme on Ecosystems Management for 21 days in America

Ms Ajanta Dey, Project Director of NEWS was selected in the International Volunteer Leadership Programme on Ecosystem Management in America by the invitation of the Government of United States of America for 21 days. Under the programme she visited different types of ecosystems of United States to understand the techniques of their management and attended different workshops.

Exchange Programme

Nature Environment & Wildlife Society organized an exchange programme with the delegates of other



Workshop of the exchange programme in Sunderban

international partner organizations to show them the practices under "Mangrove Restoration Project" that NEWS is implementing in Sunderban and in exchange to get better practice ideas from them. The team comprised of member from Yagasu of Indonesia, Oceanium of Senegal, Pronatura of Mexico, Sur Voyageurs du Monde of France and Members of Livelihoods Network.

Livelihood Partners' Meet, Paris

Ms Ajanta Dey attended the Livelihood Partners' Meet Conference and workshop at Paris in order to exchange ideas and identify scope and challenges of the Sunderban Project with Livelihoods Advisory Board.



Project Director in a panel discussion in Livelihoods workshop, Paris



Field Excursion

NEWS team had organized a seven days excursion at Buxa and Darjeeling. The team made trips to: Bhutan Ghat, the adventurous boat ride where they got to see the local birds and butterflies and a special trip to Buxa Forest Core Area at Jayanti, in which they saw cheetals, leopard, and a herd of elephants. In the Darjeeling trip, they got to see the breathtaking mountainous view that the city has to offer. They also went to the renowned tea gardens.



Excursion

AWARENESS PROGRAMME



Secretary with Col Shailendra Singh & his cadets at BITM

Popular Talk and Film Show on Environment & Wildlife

Nature Environment & Wildlife Society in collaboration with Birla Industrial & Technological Museum has been organizing Special talk and film show on environment and wildlife. Eminent speakers and experts such as Mr. Pradeep Vyas, Mr. V. K. Jadav, Mr Dipak Mitra, Mr. Subhankar Sengupta, Dr. Sujit Chakraborty and Mr. Animesh Kar. have delivered talks on topics such as Sunderban, Buxa Tiger Reserve, Indian Biodiversity, East Kolkata Wetlands, Behaviour and habits of snakes and Mangrove ecosystem. Relevant films were also screened in each programme

Environmental Awareness Classes for the school children

Nature Environment & Wildlife Society had arranged special environmental classes for the school children of 17 and 18 No. wards of East Kolkata Wetlands that falls under the project area of Solid waste management conducted by NEWS and Hyatt collaboratively. The schools that were visited were Swami Vivekananda Adarsha Sishu Shebayak, Naovanga Prathomik Vidyalaya, Shishuratna Vidyapith, Choker Bheri Prathomik Vidyalaya (Khasmohol) and Basanti Niketan Vidyapith. The main aim of this school programmes was to make the



Awareness programme in a school



Awareness programme in Sunderban with the community



Awareness camp with the community in different parts of Sunderban

children more aware about their environment and also creating awareness regarding solid wastes and suggest how to segregate the degradable and non-degradable waste at household level and how to reuse the non-degradable waste to make various products like pen, pencil etc.

◀ **Environmental Awareness Camp with Community**

Nature Environment & Wildlife Society, one of the prime objectives is to spread awareness among the society for protection and conservation of environment and ecosystem. NEWS conducts special awareness camps in the

region of Sunderban to make the people aware about the importance of the Mangrove forest that acts as a bio shield against high tidal surges and strong cyclonic winds, man-animal conflict, ill effects of prawn seed collection and motivate villagers to develop the practices of stall feeding of their cattle in order to save the new born saplings in the mudflats.

77 such awareness camps have already taken place in different villages, such as Gorankathi, Daskshin Suredragunj, Rudranagar, Bipradaspur, Murigana 1 & 2, Ramkarchar, Amtoli, Jyotishpur, Ramganaga and many others.

PUBLICATIONS

◀ **Environ**

Two issues of Environ were published after the last Annual General Body Meeting

◀ **Film**

A short Film Buxa Tiger Reserve was released by NEWS, funded by Buxa Tiger Reserve



Chaukhamba By Animesh Kar



Red Headed Bullfinch at Garhwal by Ajanta Dey



Palm Civet in Bhòwanipur By Mallar Singha Roy



Pigtail Monkey By Biswajit Roy Chowdhury



Ruddy Shelduck at Monglajodi By Sanjib Banerjee



Anderson's Pit Viper at Andamans by Ranjana Saha

AUDITORS REPORT

We have audited the annexed Balance sheet of Nature Environment & Wildlife Society, 10, Chowringhee Terrace, Kolkata- 700020, as at 31st March 2012 and also the annexed Income & Expenditure Account for the year ended on that date.

We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining on a test basis evidence supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

- i) We have obtained all information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- ii) The Balance sheet and the Income and Expenditure Account dealt with in the report are in agreement with the books of accounts.
- iii) In our opinion and to the best of our information and according to the explanations given to us, the statement give a true and fair view:
 - 1) In the case of Balance Sheet of the state of affairs as at 31st March, 2012; and
 - 2) In the case of Income & Expenditure account of the Excess of Income over Expenditure for the year ended on that date.

Place: Kolkata
Dated: 30.07.12

Sd/-
S.K. Roy
Partner.
M.No.53127

For **MITRA GHOSH & RAY**
Chartered Accountants
FRN 302010E

**BALANCE SHEET** as on 31st March, 2012

LIABILITIES	Rs.	Amount	ASSETS	Rs.	Amount
General Reserve Balance	(1,737,212.84)		Fixed Assets		
Add: This year transfer from			Books		
Income & Expenditure Account	701,064.00		As per Last A/c	13,848.92	
		(1,036,148.84)	Less: Depreciation@10%	1,385.00	12,463.92
			Furniture & Fixture		
			As per Last A/c	32,422.28	
			Add: This year	5,800.00	
Current Liabilities				38,222.28	
Liabilities for Expenses		3,844,549.00	Less: Depreciation@10%	3,822.00	34,400.28
			Computer		
			As per Last A/c	16,274.20	
			Add: This year	52,801.00	
				69,075.20	
			Less: Depreciation@60%	41,445.00	27,630.20
			Camera		
			As per Last A/c	11,843.46	
			Add: This year	42,652.00	
				54,495.46	
			Less: Depreciation@15%	8,174.00	46,321.46
			Boat		
			As per Last A/c	1,207,010.47	
			Less: Depreciation@15%	181,052.00	1,025,958.47
			Fax		
			Purchase this year	7,735.00	
			Less: Depreciation@15%	580.00	7,155.00
			Current Assets, Loans & Adv.		
			TDS Receivable		1,200.00
			Closing Cash & Bank Balance		
			SBI-10959204772(FCRA)	778,215.31	
			SBI-10577673736(News Main)	180,825.16	
			SBI-10577673747(Seminar)	4,936.40	
			SBI-10577673758(Product)	18,779.96	
			SBI-30157348365(Project)	186,745.00	
			SBI-30506535451(New WHO 1)	3,548.00	
			SBI-31294310095(Dannone)	453,351.00	
			Cash in hand	26,870.00	
					1,653,270.83
		2,808,400.16			2,808,400.16

sd/-
Biswajit Roy Chowdhury
 Secretary, NEWS

sd/-
S.K. Roy
 Partner.

for **MITRA GHOSH & RAY**
 Chartered Accountants
 FRN 302010E

Place: Kolkata
 Dated: 30.07.12

INCOME & EXPENDITURE ACCOUNT

for the year ended on 31ST March, 2012

EXPENDITURE	Rs.	Amount Rs.	INCOME	Rs.	Amount Rs.
To Activity (Danone)		2,077,000.00	By Grant Received		26,781,116.00
To Food (Earthwatch)		107,475.00			
To Health Camp(RBS)		202,358.00	By Life Membership Fees	91,500.00	
To Materials (Earthwatch)		73,110.00	By Associates Membership Fees	86,000.00	
To M.S.W.M.(Hyatt)		89,645.00			
To Others(Earthwatch)		104,460.00	By Collection from Photo Exhibitions	555,500.00	
To Plantation Expenses(Danone)		21,000,167.00	By Donation	37,882.00	
To Staffing(Earthwatch)		85,500.00	By Collection through Coupon	417,780.00	
To Staff Salary of News		231,500.00			1,188,662.00
To Talk & Film Show at BITM		8,550.00			
To Transports (Earthwatch)		103,800.00			
To Travell & Transport (Danone)		2,023,610.00	By Bank Interest Recd.		238,163.00
To A Short Film Deliverable (Danone)		88,995.00			
To Audit Fees		19,509.00	By Reimbursement of Tour & Travelling		234,375.00
To Bank Charges		7,069.00			
To Boat Reconstruction & Repair		231,626.00			
To Computer Maintenance		18,530.00			
To Documentation & Publicity		153,500.00			
To Donations & Subscription		9,400.00			
To Drinking Water Supply		10,238.00			
To Electric Charges		18,000.00			
To Equipment(Earthwatch)		• 15,105.00			
To Food & Refreshment		6,305.00			
To Membership Fees		47,408.00			
To Misc. Expenses		27,800.00			
To Office Rent		72,000.00			
To Photography Exhibitions		89,617.00			
To Photo Processing Expenses		34,163.00			
To Postage & Telegram		16,969.00			
To Printing & Stationery		27,247.00			
To Talks & Meetings		88,536.00			
To Telephone & Broadband Charges		38,274.00			
To Tour Expenses for Danone personnel		234,375.00			
To Tour, Travelling & Conveyance		142,953.00			
To Depreciation on Fixed Assets		236,458.00			
To Excess of Income over Expenditure		701,064.00			
		28,442,316.00			28,442,316.00

sd/-
Biswajit Roy Chowdhury
 Secretary, NEWS

sd/-
S.K. Roy
 Partner.

for **MITRA GHOSH & RAY**
 Chartered Accountants
 FRN 302010E

Place: Kolkata
 Dated: 30.07.12



NATURE ENVIRONMENT & WILDLIFE SOCIETY

10, Chowringhee Terrace, Kolkata - 700 020 www.naturewildlife.org