

**Report (Technical and Financial) on  
CapNet Bangladesh Activity 2008**

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**Submitted by  
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## Introduction

Bangladesh Centre for Advanced Studies (BCAS) is working as secretariat of CapNet-Bangladesh network. BCAS and the networks members are working together to facilitate and promote interdisciplinary approaches to conceptualizing, planning and implementing water resource development in the country through different types of capacity building initiatives.

## Members of CapNet –Bangladesh

### Core Group Members of CapNet – Bangladesh

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**New General Members in CapNet Bangladesh:** The following individual/institutions have become general member of CapNet Bangladesh from January 2009 on ward.

1. Mr. Benedict Poresh Sardar of Uttaran ([uttaran@bdonline.com](mailto:uttaran@bdonline.com))
2. Ms. Farzana Yeasmin of Shushilaqn ([Sumaurp@yahoo.com](mailto:Sumaurp@yahoo.com))
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## **CapNet Bangladesh's Work Plan 2008**

**This report emphasizes the summary of the activity under Work Plan 2008 (A to C)**

### **A. Work Plan 2008**

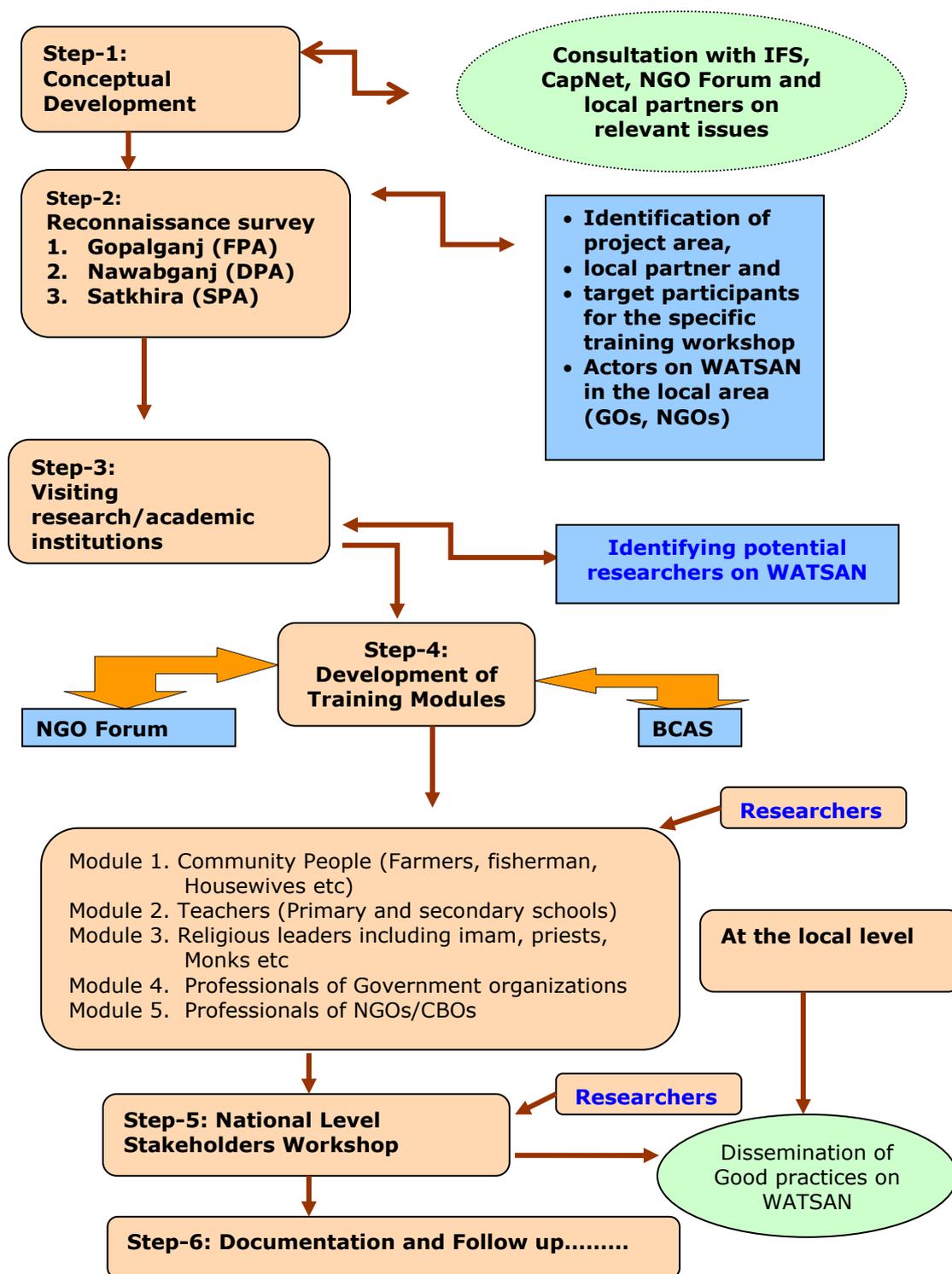
#### **Activity 1. Delivery of capacity on water and sanitation (WATSAN) management in Bangladesh**

The main objective of this program was to strengthen the capacity of the people to deal with water and sanitation issues in Bangladesh. One of the specific objectives of the program was to strengthen the scientific capacity of researchers and to combine this with thematic information on water and sanitation issues in Bangladesh. However, the following programmes were held in three identified districts/locations (Gopalganj, Satkhira and Nawabganj) as agreed in the work plan.

1. Capacity Building (training) of the community people on water and sanitation issues
2. Capacity building of the teachers and religious leaders (mosque, temple church etc)
3. Capacity building of local GO/NGOs for taking greater role and responsibilities in ensuring better water and sanitation services and practices of the community people especially poor, children and women
4. Learning good practices from others and sharing and dissemination the learnings with actors and stakeholders to build capacity through workshops
5. National level workshop on Dissemination of good practices on water supply and sanitation

## Methodology and approach of the programme

The following diagram shows different steps of the methodology



**Fig. Methodology of the Delivery of the Capacity on WATSAN Programme: Different Steps, Engagement and Deliverables**

Major Outcome of the activity:

1. The mentioned programme trained about 388 people on water and sanitation issues in three climate prone areas in Bangladesh
2. Of them, 286 were male and 102 were female
3. Four sets of training modules have been developed on water and sanitation issues addressing community people, teachers, religious leaders and relevant GO/NGO personnel
4. Learnt good practices on water and sanitation in different areas

### **Activity 2. Study on Impacts of “Cyclone Sidr” (15 November 2007) on water supply and sanitation in coastal districts in Bangladesh: A Case study/ Research**

The main objective of the study is to carry out impacts of cyclone on water supply and sanitation of the affected areas. The specific objectives are-

- a) To identify the sources of safe drinking water and water for sanitation
- b) To identify the ways and mechanism that how this event adversely affected water supply and sanitation system in the study areas (during and after the hit)
- c) To identify the consequences of cyclone Sidr hit on water resources (tube-wells, ponds, reservoirs etc) in the study areas
- d) To identify measures to reduce risk in future

The draft report has been shared at the national level stakeholders for dissemination and verification of the field findings. The final report is given in annex-1

### **Activity 3. Training on incorporation of climate change issues in water sector planning and design**

Two short courses on “incorporation of climate change issues in water sector planning and design” (under the title of climate change training for water professionals) had been successfully organized by Institute of Water and Flood Management (IWFM), Bangladesh University of Engineering and Technology (BUET) in association with Bangladesh Centre for Advanced Studies (BCAS), Center for Environmental and Geographic Information Services (CEGIS), Institute of Water Modelling (IWM) and Directorate of Continuing Education (DCE), BUET, Dhaka-1000.

The first short course was carried out from 18 to 20 October 2008, while the second one was carried out from 17 to 19 November 2008.

The objectives of the Climate Change Training were the following:

- To increase the understanding of the risks of climate change and possible impacts of climate change on water sector.
- To develop the capacity of water sector professionals to address climate change hazards in planning, design and management of water sector projects.

Resource persons were invited from BUET, CEGIS, IWM, BCAS, the Department of Environment (DoE) of Bangladesh, etc. All these institutions are active in the water sector and regularly offer short courses on water related topics and conducted many studies in water management and climate change related issues. So, the training program gave an opportunity to institutionalize these organizations and to draw upon

their knowledge base on water management and climate change and develop capacity in the country thereby.

Professionals like project planners; design engineers; water project managers from implementing agencies and consulting firms; general water sector planners; academicians and researchers who will develop and transmit the climate change knowledge were the participants in the training programme. Women professionals were encouraged to participate to fill up the climate related gender issues.

Water professionals were invited from prominent organizations like Bangladesh Water Development Board (BWDB), Local Government Engineering Department (LGED), Department of Public Health Engineering (DPHE), various agencies such as Department of Agricultural Extension (DAE), Planning Commission and Consulting firms, etc.

The programme ended with certificate awarding ceremony and interactions with the participants for further improvement of the training materials and short course as a whole.

Major Outcome of the activity:

1. The total 65 water professionals have been trained in 2 successive programmes on "climate change training for water professionals"
2. Of which, males are 48 and females 17
3. Development of a network among the government and non-government water professionals on climate change and water issues in Bangladesh
4. Training modules for water professionals developed

#### **Activity-4. Training for Media Personnel in IWRM Concepts and Principles on Integrated Water Resources Management (IWRM)**

Integrated water resources management (IWRM) is an approach to achieving sustainable management of water resources and will make a significant contribution to the achievement of MDGs. It has been demonstrated that improved water management can contribute to reduction of poverty through enhanced livelihoods security, reduced health risks, reduced vulnerability; and targeting pro-poor economic growth.

The programme of the workshop was composed of inaugural and technical. The inaugural session was equipped with the speeches of the representatives of the organizer. This session was chaired by Khandaker Mainuddin, Director, BCAS. Then Md. Golam Rabbani, senior research officer of BCAS introduced the participants with the aims and objectives of the workshop.

The workshop was held during 28-29 January 2008.

The technical session was divided in thirteen sessions, which were divided into five themes. The five themes were – i) IWRM: Basics concepts and Practices ii) IWRM: Sustainable Livelihood and Food Security iii) IWRM: Environment and Health iv) IWRM: Climate change and Disaster V) IWRM: Education and Human Rights.

Major outcome of the workshop:

1. The total 25 journalists (17 press media, 3 Electronics and 5 University-mass media academicians) were trained on IWRM issues to meet the objective of the programmes

2. Create awareness and enhance capacity of the mass media to deal IWRM issues properly.
3. They were aware about the necessity of involvement and contribution of the media professionals in promotion of IWRM in the country.
4. 25 media professionals are expected to be more effective to deal water issues and active carrying the relevant messages to public and policy makers.

## **B. Knowledge management and international cooperation**

BCAS has conducted research/case study on gender vulnerability to water related hazards related to climate change under the CapNet Bangladesh work plan 2007. It has been shared at International Disaster Risk Conference (IDRC) held in Switzerland during last week of August 2008. This case study has been submitted to an international journal (run by Practical Action) as advised by CapNet. BCAS is putting efforts in management of knowledge and strengthening international cooperation.

## **C. Network management**

BCAS as the secretariat of CapNet BD network maintains communication with the network members. We already had a CG meeting in May 2008 and the next meeting may be held in February 2009. In addition, BCAS is having consecutive informal meetings with implementing network members.

## **D. Financial Report**

The financial statement indicates that the total expenditure to implement all the activities planned under work plan 2008 was 115,856 USD. Of which, CapNet contribution is 82586 USD and other partners including IFS, Flora Foundation and BCAS will contribute the rest. Detail breakdown expenditure of each activity is available in the hard copy.

### **Total Expenditure of all events**

SL	Activity	Expenditure (USD)		
		Total	Contribution	
			IFS, Flora Foundation and BCAS	CapNet
1.	i-a) Training Workshop on Delivery of Capacity on Water and Sanitation Management in Bangladesh during 27-28 Jul, 10-12 Aug and 1-2 Dec, 2008 (Gopalganj).	13141	IFS: 6900	6241
	i-b) Training Workshop on Delivery of Capacity on Water and Sanitation Management in Bangladesh during 13-18 September, 2008 (Chapai Nawabganj).	13042	IFS: 7904	5138

	i-c) Training Workshop on Delivery of Capacity on Water and Sanitation Management in Bangladesh during 25-30 October, 2008 (Satkhira).	13881	IFS: 8440	5441
	i-d) National Workshop on Delivery of Capacity on Water and Sanitation Management in Bangladesh, 09 March 2009.	9585	-	9585
	Training Module Development	6000	-	6000
2.	Case Study on Impacts of Cyclone Sidr on Water Supply and Sanitation in Coastal Districts	17630	-	17630
3.	Training in incorporating climate change issues in water sector planning and design (Two workshops, each of three days)	16652	Flora Found.: 1676	14976
4.	Workshop on Integrated Water Resources Management (IWRM) for Media Professionals during 28-29 January 2009	10850	Flora Foundation .: 5850	5000
5.	Knowledge Management and International Cooperation	2575		2575
6.	Network Management	12500	BCAS: 2500	10000
<b>Grand Total</b>		<b>115856</b>	<b>33270</b>	<b>82,586</b>

## Work Plan 2009

The CapNet Bangladesh secretariat proposes the following activities under the work plan 2009. The secretariat, CG member and general member will implement the following activities. Detailed work plan with specific proposal along with budget will be sent separately.

1. Workshop with Water and Environmental Academicians of public and private universities : IWRM concepts and principles
2. ToT on Climate Change and Water Resources: IWRM as a tool for adapting climate change (follow up at national level)
3. Case study on "Impacts of climate change on wetlands ecosystem in coastal zone of Bangladesh: necessity of IWRM implementation at the community level"
4. Capacity building programme for City dwellers on Efficient Water Use

5. Development of capacity of the community through field level practice and research initiatives on “water and sanitation management” in Bangladesh (Follow up)
  - i. Training on water supply and sanitation management (WSSM) for school teachers, religious leaders, community leaders etc
  - ii. Training on WSSM for professionals of GOs and NGOs
  - iii. documentation
  - iv. WSSM practice at the village level: demonstration: capacity building by practicing
  - v. A follow up Workshop (national level) on Scientific methodology and development of grant application for IFS on water supply and sanitation issues in Bangladesh
6. Capacity Building on Ecological Sanitation of People Living in Climate Threatened Areas of Bangladesh
7. ToT on conflict resolution and negotiation skills for implementing IWRM (national level follow up)

#### E. Conclusion

BCAS as the secretariat of CapNet Bangladesh facilitated/implemented all the activities planned under Work Plan 2008. The technical report highlights brief of the activities with major outcome. The detailed financial statement along with invoice will be sent soon.