



Water, Sanitation and Hygiene Institute



Annual Report 2010-11



## VISION

A world in which communities have access to safe, protected and sanitation services and follow improved hygiene practices.

## MISSION

We bridge the knowledge gap for community and service providers through education, training and assistance to stake holders. We provide sustainable support in the areas of planning, implementation, operation and management of water, sanitation, hygiene and environment

## Foreword from CEO

Water, Sanitation and Hygiene Institute (WASHi) is an initiative of sector experts who felt a need to address the health issues of South Asia's poor and marginalized community through imparting knowledge on water and sanitation and the application of sustainable community based solutions.

WASHi started its formal activities in May 2008, and has already carved a niche for itself by training many different actors on relevant sanitation and water sector issues and the recognition as Key Resource Centre itself speaks about the success of our constant endeavor. In the first year, the Institute established the team, an office and infrastructure, and in the next 2 years the programme built a solid reputation through a series of trainings on ecological sanitation and the provision of technical and monitoring assistance to different projects. The Institute also gained visibility through organising events and participation in national workshops in India.

The Institute continued to grow as an organization with many consultations, campaigns and training programmes and reached an important milestone in 2010 when WASHi was recognized as one of the 20 Key Resource centers by the Ministry of Rural Development, Government of India. This enabled WASHi to receive government support to conduct trainings in several states of the country.

The legal and design requirements for conducting formal courses with the Madurai Kamaraj University have now been completed and WASHi is ready to start formal courses for the sanitary inspectors and health workers from August 2011. These courses will help to create more man power in the sanitation sector through formal training.

During the year 2010-11 WASHi has trained 1,245 participants to be Trainers in School WASH, WES Emergency preparedness, Water quality monitoring, Hand pump maintenance, integrated water and sanitation and Ecological Sanitation. The training programmes were well appreciated, and as a result many state Government organizations have now requested WASHi to conduct various training programmes – and, as before, Ecological Sanitation training and advice continues to be in demand.

The National level conference organized by WASH institute in Delhi on "Cost Effective Sanitation" was well received by the WATSAN Sector players from many countries. 42 technical papers were presented and more than 300 professionals attended the conference. This conference gave us valuable inputs which helped in dissemination of information and innovations in a variety of subjects and also gave a good visibility for WASHi in the sector. We also executed total sanitation model project supported by Plan India at Rupahali Panchayat,

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Bhilwara, Rajasthan which saw 1,288 families and 4 schools targeted in sanitation and hygiene awareness campaigns, and 100 toilets constructed for individual households.

A major development of the year was the signing of the agreement between SEI (Stockholm Environment Institute), Sweden and WASHi for the implementation of the SIDA (Swedish International Cooperation Agency) funded research project for "Enhanced Sustainable Sanitation Provision in Flooded Areas of India." This is to be carried out in Bihar.

We produced two animation films: "WES- Intervention in Emergency Relief" and "Hygiene – The way of life" both in Hindi and English. These were made in coordination with REAL and supported by Plan India, and the films received a very good response and is now in the process of being translated in all Indian regional languages and are being included in the Sarva Shiksha Abhiyaan (SSA - Education for All) program of the Government of India to available all over the country.

Encouraged by the response to our animation films, we are also planning to produce another animated film on menstrual hygiene among adolescent girl students, which is a vital area that has not been given proper attention in the past as has resulted in health problems and dropout of girls from school. A national level conference on household and community level water treatment technology is also planned.

Sustainability of the WASHi itself is also a major issue that will require focus in coming years so that the institute can reach a position where it does not need to totally dependent on funds from donor agencies for its regular operation.

The much expected Ministry of Drinking Water and Sanitation (MoDWS) training programs scheduled for this year could be conducted next year due to some procedural delays.

As we move into our fourth year, we plan to focus on a series of Water Quality trainings including:

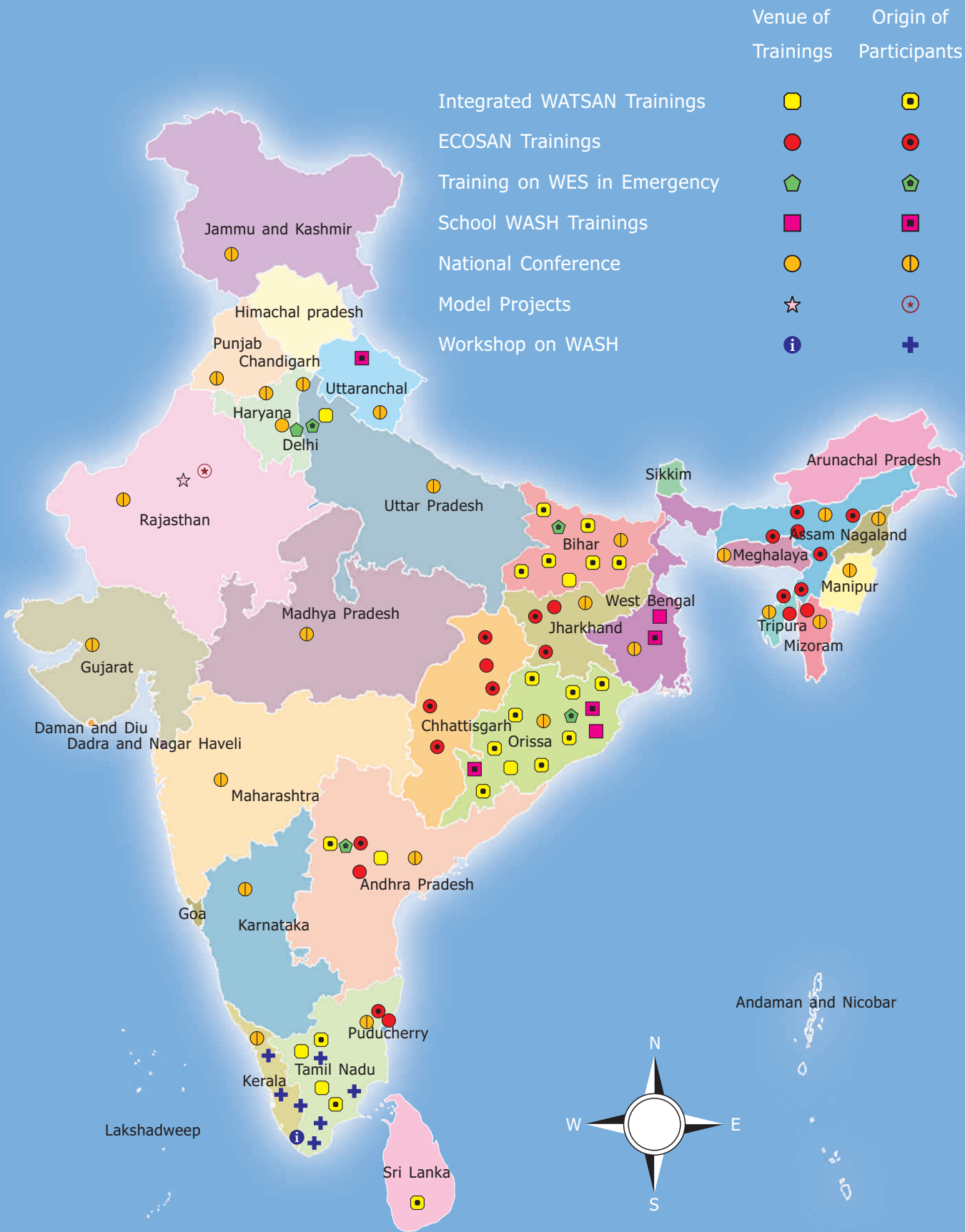
- Better Water Quality for Better Health
- Community Based Water Security Plan
- Construction and Maintenance of Ferro-cement Iron Removal Plant
- State level workshop in Bihar for WATSAN facilities in flooded area

Above trainings are for the five states of Bihar, Chhattisgarh, Orissa, Puducherry and Uttar Pradesh. We are also awaiting sanction of the sanitation training calendar submitted to the MoDWS which will have a series of training planned for sanitation as well across the country.

It is however realised by WASHi that one of the major challenges is about bringing the convergence of various sectors namely Education, Health, Nutrition, Agriculture and others along with Water and Sanitation can only bring about sustainable changes and health impact. In summary, it has been a very satisfying year with a wide range of programs conducted across the country with collaboration with many stakeholders. We hope in the coming year to increase our presence in eastern states of the country with opening of a branch office at Patna and become recognized as the knowledge node in the WATSAN sector.

**Prakash Kumar**  
Chief Executive Officer

# Training and Activities of WASHi



## Major Training Programmes/Events in the year 2010-2011

Sl.No.	Name of Programme / Event	Venue / Dates	No. of Participant
1.	Project Evaluation of the MIDS, CARITAS- France	5 <sup>th</sup> - 8 <sup>th</sup> April 10	Not Applicable
2.	Training on WATSAN to Coimbatore Multipurpose Social Service Society (CMSSS)	13 <sup>th</sup> - 14 <sup>th</sup> April 10	23
3.	Training on ECOSAN to FERAL organization	31 <sup>st</sup> May 10	32
4.	WATSAN Integrated Training to Marthandam Integrated Development Society (MIDS)	3 <sup>rd</sup> - 5 <sup>th</sup> June 10	600
5.	National conference "Cost effective Sustainable Sanitation - An Indian experience" in Delhi	28 <sup>th</sup> - 30 <sup>th</sup> June 10	250
6.	Training on ECOSAN Orientation to Engineers of Jharkhand State Water and Sanitation Mission, JWSM Ranchi	26 <sup>th</sup> July 10	17
7.	Training on ECOSAN toilet construction for Masons of ASM-PLAN	10 <sup>th</sup> - 14 <sup>th</sup> Aug 10	18
8.	Training on Water Quality Management for Youth Volunteers of ASM-PLAN	26 <sup>th</sup> - 28 <sup>th</sup> Aug 10	23
9.	Preparation of Starter kit for researchers in WATSAN for International Water management Institute (IWMI)	August 2010	
10.	Training on Hand Pump Maintenance for Youth Volunteers of ASM-PLAN	30 <sup>th</sup> Aug - 2 <sup>nd</sup> Sep 10	24
11.	Training on ECOSAN for Chhattisgarh in Coordination with SCOPE	27 <sup>th</sup> - 29 <sup>th</sup> Sep 10	18
12.	Training on Water and Environmental Sanitation for Plan India Staff from the various states	6 <sup>th</sup> - 8 <sup>th</sup> Sep 10	14
13.	ASM-Plan ECOSAN Exposure visit	1 <sup>st</sup> Oct 10	38
14.	Launch of the Total Sanitation in Ruphali Gram Panchayat, Bhilwara, Rajasthan	10 <sup>th</sup> Oct 10	1288 families
15.	ECOSAN Mason Training in Shillong, Meghalaya	25 <sup>th</sup> - 28 <sup>th</sup> Oct 10	40
16.	State level workshop on ECOSAN in Shillong, Meghalaya	29 <sup>th</sup> Oct 10	128
17.	Workshop on Case studies on Innovations in WASH experiences among South India NGOs supported by UNICEF	23 - 24 Nov 10	30
18.	Integrated Water Supply Sanitation and Hygiene Training for Water for People, Kolkata at Kodaikanal	6 <sup>th</sup> - 10 <sup>th</sup> Dec 10	10
19.	Training on Water and Environmental Sanitation WES in Emergencies for Plan India Staff in Bhubaneshwar	13 <sup>th</sup> - 15 <sup>th</sup> Dec 10	50
20.	School WASH Training At Bhubaneshwar for project staff of Plan India	16 <sup>th</sup> - 20 <sup>th</sup> Dec 10	50
21.	Training by Exposure Visit for ASM- TDH Project staff	17 <sup>th</sup> Jan 11	20
22.	Tripura ECOSAN Mason Training	20 <sup>th</sup> - 24 <sup>th</sup> Jan 11	40
23.	District level Work shop on ECOSAN for North Tripura District	25 <sup>th</sup> Jan 11	52
24.	School WASH Training at Kolkata for Plan Project staff	31 <sup>st</sup> Jan - 4 <sup>th</sup> Feb 11	18



### Highlights of the year

Three day National Conference on "Cost effective Sustainable Sanitation - An Indian experience"

Madurai Kamaraj University affiliation of formal Courses

Total Sanitation in Ruphali Gram Panchayat, Bhilwara district Rajasthan

SEI-WASHi project funded by SIDA

Preparation of Module for Health workers of Bihar



## 1. Three day National Conference on "Cost effective Sustainable Sanitation - An Indian experience"

The conference was organized in New Delhi 28th-30th June 2010 with support from the Plan staff and WASHi teams. The conference brought together over 300 officials Urban, Rural and Health ministries and heads of International NGOs and participants from a wide range of disciplines from different parts of the country. The conference offered a good blend of plenary sessions, workshops, paper presentations and panel discussions.

Delivering the keynote address at the meet, Mrs Sheila Dikshit, Chief Minister, Delhi said to combat the problem of waste removal in big cities like Delhi, there was a need to adopt the principle of "use, re-use and recycle". She also said "while the job of the municipalities is to ensure that cities remain clean, educating people to change their "habits" is also a key factor". She also requested Plan and WASHi to train the municipal engineers in low cost sanitation practices, which is the need of the hour. A declaration on the recommendations was framed at the end of the conference and submitted to the Department of Drinking Water Supply (DDWS). The Ministry of Rural Development, Plan India, UNICEF, Water Aid, WES-Net India, SPHERE India and Water for People (WFP) partnered with WASHi and successfully completed the conference.



*Smt. Sheila Dikshit, Chief Minister, third from left, releases the Conference Book of Abstracts*



*A view of Participants during the conference*

## 2. Madurai Kamaraj University affiliation of formal Courses

WASHi got affiliation from Madurai Kamaraj University to run two formal courses: a one year PG Diploma in Environmental Sanitation Science; and a one year Certificate course on Capacity Building for Health Workers. The process of getting the affiliation was quite long drawn because of the stringent criteria, and MKU officials visited twice to inspect whether WASHi fulfils all the criteria to run the formal courses or not. In their second visit in August 2010 they found WASHi up to their satisfaction, and affiliation was granted in October 2010.



*Inspection team from Madurai Kamaraj University visit WASHi for Affiliation Process*

## 3. Total Sanitation in Ruphali Gram Panchayat, Bhilwara district Rajasthan

The Ministry of Rural Development, under the Total Sanitation Campaign, had selected Rupahali Gram Panchayat in Bhilwara District of Southern Rajasthan, to showcase it as a Model Gram Panchayat with Total Sanitation practices. The ministry handed over the task to Plan India who entrusted WASHi to take up this project. The project period was from October 2010 March 2011. A team of four resource personnel were based in the field for completion activities.



*Toilet Constructed under the Total Sanitation in Bhilwara Rajasthan*



*Toilet Constructed under the Total Sanitation in Bhilwara Rajasthan*

Communities within the Gram Panchayat were made aware of sanitation through Nukkad Nataks, IEC materials, personal interaction by project staff and rallies of school children. One hundred individual household toilets, model compost pits, and model soak pits were constructed in three villages of the Panchayat and a grand celebration of World Water day was organised for the villages and schools with government officials and community support.

## 4. SEI-WASHi project funded by SIDA

WASHi and SEI (Stockholm Environment Institute) Sweden signed a MoU on 29th September 2010 with the aim to develop a mutually acceptable research agenda to facilitate the promotion of sustainable sanitation in the context of India. Accordingly a project proposal was submitted to SIDA who has granted 3.9 million SEK (2.78 crore INR) for a three year project on sustainable sanitation research, living examples, capacity development, communication and policy work in India.

WASHi and SEI, Sweden will now collaborate on finding sustainable sanitation solutions in areas experiencing recurrent floods in the State of Bihar - the most flood prone Indian State. The aim is to reduce human vulnerability in Bihar through better sanitation systems; and this will be accomplished by increasing coverage of improved sanitation (the current level is 25%); and through improved functionality of the systems. The project period is Jan 2011-Dec 2013.

## 5. Preparation of Module for Health workers of Bihar

CARE Bihar gave WASHi the task of developing a WASH module for community health workers like Accredited Social Health Activists (ASHAs), Auxiliary Nurse Midwives (ANMs) and Anganwadi (preschool centre) workers. The module was designed on the various topics of water and sanitation with notes for the trainer, and was submitted to CARE. This module can be used for training of the health workers across the state.



# Trainings/Events of the year

WATSAN Trainings/Workshops

ECOSAN Trainings

WES in emergencies Training

School WASH

Training on Water Quality Management

## 1. WATSAN Trainings/Workshops

1.1 Marthandam Integrated Development Society (MIDS), Marthandam implemented a WATSAN project funded under tsunami rehabilitation work supported by CARITAS- France. The main components of the project were construction of leach pit toilets and roof top rain water harvesting with Ferro cements tanks with capacity of 20,000 litres.

1.2 MIDS had been inspired by WASHi training (conducted at Thoothukkudi in February 2010), and approached WASHi to take up the evaluation to study the impacts of the project implemented. A three day evaluation study was conducted in April 2010 focused on the quality of work, people's participation, usage and the impacts of the project in the seven villages where the project had been running for three years.

1.3 MIDS then requested WASHi to conduct an awareness training programme on "Introduction to WATSAN" for their Self Help Groups (SHG) leaders, and a three day training programme was conducted for nearly 600 women leaders from Kanyakumari district in June 2010. This helped to raise the awareness of the women on basic concepts of water and sanitation. These leaders vowed that they would in turn pass on those messages to their group members during their regular SHG meets.

1.4 WATSAN Training to SHG Leaders of Kanyakumari district: Coimbatore Multipurpose Social Service Society (CMSSS) is a renowned NGO working in the field of development activities in Coimbatore district. CMSSS works with the Sri Lankan Refugee Camps for improvement of their water and sanitation facilities funded by Catholic Relief Services (CRS). A two day training programme on WATSAN was conducted in April 2010 by WASHi for their field staff involved in the refugee rehabilitation project.



1.5 A starter kit was developed in August 2010 by WASHi for WATSAN researchers. The data was collected for the three states of Delhi, Karnataka and Andhra Pradesh which will be used by researchers in water and sanitation. This project was given by International Water Management Institute (IWMI) in Sri Lanka.

1.6 WASHi, Kodaikanal organized a two day workshop titled "Innovations in WASH Experiences for the South NGO's (Tamil Nadu & Kerala)" in Hotel GRT Grand in Chennai in November 2010 with the support of UNICEF, Chennai. The objective of the workshop was to collate experiences of the NGOs who have innovated and implemented Water and Sanitation (WATSAN) projects successfully, and the best cases will be selected and documented for a wider dissemination to those who are working in the field of WATSAN in India and other countries.



The two day deliberations of 22 presentations covered a wide range of topics and experiences on water and sanitation. After every session there was an interaction with the audience which helped discussion and feedback which was well appreciated by the audience as it enriched their learning. The workshop ended with a plan of selecting the best ten of the case studies for publication with the help of a research and documentation team.

At the request of Water For People (WFP) India, WASHi conducted a five-day training programme on Integrated WES for their staff to enhance their capacity for doing the water sanitation projects in December 2010 at Kodaikanal. The programme had sessions imparting various concepts and technical knowledge which helped the participants to understand new concepts and methodology in WATSAN. As part of the program the participants were taken to the toilet park located in Gramalaya's Institute for Water and Sanitation in Kolakudipatti village. Urban and rural areas of Gramalaya and SCOPE projects helped them to evaluate and know the successes and challenges for urban and rural settings.

1.7 Plan India entrusted WASHi to conduct an integrated water sanitation and hygiene training for Plan Program Managers and Project Coordinators of the various regions. The three day intensive training covered various concepts and technical knowledge on WATSAN and helped the participants to understand new concepts and methodologies to be more effective. Field visits to both urban and rural areas projects helped them to evaluate and know the successes and



challenges in reality both for urban and rural settings. A tour around Kodaikanal made their training visit all the more interesting.

2. ECOSAN Trainings

2.1The FERAL organisation was supported by the UN-Habitat for sanitation projects in Cuddalore district for 3 years. FERAL approached WASHi for technical consultancy and an awareness program was organized at Cuddalore in May 2010 for 23 beneficiaries of various villages. The training covered concepts of Ecological Sanitation and its benefits, water usage, the economics of ECOSAN, etc.



Exposure visit for FERAL NGO

2.2 The Chief Engineer of Jharkhand State Water and Sanitation Mission (JSWSM) requested WASHi to conduct a training program for their Engineers on ECOSAN, and this was conducted in Ranchi in July 2010. The training included all the important aspects of ECOSAN: closing the loop in sanitation, the linkage between agriculture and sanitation, construction of urine diverted dehydration design (UDDD), individual house hold latrine (IHHL), Do's and Don'ts etc. WASHi's short film on how to construct an ECOSAN toilet was also screened and all the participants welcomed the concept and JSWSM further requested copies of WASHi's publications for propagating ECOSAN concept in Jharkhand.

2.3 WASHi assisted REAL, Dindigul in conducting a five-day training for Arthik Samatha Mandal (ASM) masons at Srikakulam campus on ECOSAN toilet construction in August 2010. This helped to create two different models of UDD ECOSAN toilets and the local masons were trained in construction of different models of ECOSAN toilets. Now ASM is keen on promotion of this concept in their project areas.

Impressed with the training by WASHi earlier, ASM again requested WASHi to arrange exposure training for their ASM-Plan Krishna staff and ECOSAN beneficiaries of Plan India supported project to help a better understanding of the practical aspects of the technology. Hence in association with Gramalaya and SCOPE the exposure visit was arranged in October 2010. In addition, all the participants visited Gramalaya's Toilet Park and learnt about 20 different models of toilets.

2.4 ASM once again requested for exposure training for their new project staff of the project supported by Terres Des Homes (Tdh) which was conducted in January 2011. Through this exposure the team of 20 staff including the Project Director and the secretary of ASM visited the "Use and Get Paid" community toilet, household ECOSAN toilets and the SCOPE research farm which demonstrated the use of ECOSAN manure in agriculture.

2.5 A training programme was organized at Tiruchirapalli in September 2010 for 18 Capacity and Communication Development Units (CCDU) officials of Chhattisgarh in collaboration with SCOPE. The CCDU officials who attended the training were impressed with the training.



CCDU Training for Chhattisgarh participants at Tiruchirapalli

2.6 Bethany Society, a well known NGO in Meghalaya State requested WASHi to conduct a mason training programme in Shillong. Bethany Society, in collaboration with Meghalaya Rural Development society, State Council for Science and Technology and the People's Learning Centre Shillong organized the training programme in October 2010 in Shillong. About 40 participants from all over the state participated. A detailed orientation programme on ECOSAN was given



Participants of ECOSAN training at Shillong

followed by on the job training experience. As an outcome of the five days training two different models of individual ECOSAN toilets were constructed in the Bethany School campus for physically challenged people.

2.7 Impressed with the ECOSAN concept, Bethany NGO decided to conduct a big workshop on ECOSAN where the concept could be introduced and reach a larger scale to various sector players in the Meghalaya State. Hence a State level workshop was organized in Shillong on 29th October 2010 where Officials from state government departments like Public Health Engineering Department (PHED), Rural Development, Agriculture, Indian Institute of Management, and also selected students from Social Work department, NGO representatives and media people participated in the workshop. As an outcome of this workshop the PHED officials are now willing to create some living examples of ECOSAN model toilets in the hilly and remote rural areas under Total Sanitation Campaign (TSC) programme.



A child consultation before fixing the ECOPAN

2.8 The Department of Drinking Water Supply and Sanitation Government of Tripura approached WASHi to conduct an ECOSAN toilet construction training for their masons. An "on the job training programme" was conducted with the support of DDWS, in Agartala the capital in January 2011 where about 40 masons from all over the district participated and got acquainted with construction methods of ECOSAN toilets.



ECOSAN Training at Tripura



ECOSAN Training at Tripura

2.9 On the successful completion of this masons' training, the District Collector requested WASHi to organize a workshop on ECOSAN in Agartala on 25th January 2011. This workshop had 52 participants from various governments departments including all the Junior Engineers from the district and Volunteers from TSC. In this workshop ECOSAN was explained with the help of PowerPoint presentations and short films, and the success stories of Tamil Nadu were shared. As a result of this workshop, many officials were willing to implement ECOSAN toilets in North Tripura district. Furthermore they requested WASHi to organize one more training programme in Tiruchirapalli, Tamil Nadu for Tripura officials to increase their understanding of ECOSAN.

3. Training on WES in emergencies



Training on Water and Sanitation in Emergencies for Plan India staff

Plan India has entrusted the responsibility to WASHi to conduct a three-day training programme on Water and



Sanitation interventions in Emergencies, for their programme implementation staff. WASHi specialists and skilled resource persons drawn from different organisations like SPHERE India New Delhi, Inter agency group etc. helped to add value to the programme which was organised in Bhubaneswar. The participants acknowledged that it was a very useful training conducted in an interesting way.

4. School WASH

4.1 Plan India has an innovative project to address WASH in Schools that is supported by AusAID. Plan India assigned WASHi to engage in capacity building of their project staff by organising two programs. One training and exposure visit to for the School WASH Project staff was conducted with project staff of the three Partner Organizations in Orissa and Uttarakhand covering orientation and training to understand the concepts, approaches, and methodology for implementing the School WASH program. In addition they also needed assistance in IEC development for the education program and promotion activities of the School WASH project. Hence a “five day training” with a field visit to Ruchika in Orissa was organized in December 2010.



Training at Orissa for Plan Staff on School WASH

4.2 In Plan India project, 18 staff who had already attended the December School WASH program were given a follow up training in Kolkata during 31st January to 4th February 2011. They were given a training as Training of trainers (TOT`s) so that they could train Block officials, teachers and members of Parent-Teacher Associations (PTAs). Accordingly WASH tailor-made the course contents. An exposure visit was included that took them to a very remote but



Exposure to Schools in Sunder bans for the Training of Trainers of Plan School WASH Project



Mr. Hemant Khosla, WASMO, Ahmedabad sharing his IEC experience on School WES

innovative project in Sunderbans where they saw models of force-lift pump, merry-go round pump, and menstrual hygiene facilities like incinerators, manufacturing of sanitary napkins were all observed.

4.3. Hyderabad Round Table -8 is a Charitable Trust; (HRT-8) in Andhra Pradesh and is involved in various developmental activities in the education sector. They initiated Project 511 in order to carryout various programs for underprivileged students of Government schools to improve the infrastructure facilities. WASHi personnel were invited for a consultative meeting in Hyderabad along with other stakeholders from government and International NGOs (INGOs) to seek advice on the program. Visits were made to their schools to assess the water and sanitation status and requirements.

5. Training on Water Quality Management

5.1 WASHi was requested by REAL to train youths and volunteers of ASM-Plan on Water Quality testing. A three day training was conducted in August at ASM's Srikakulam campus. Mr. Narasimmaiah and Mr. Rukaiah from Hyderabad participated as key resource persons in the theory and practical sessions of the demonstration of water quality testing by use of the water quality testing kits.



Training to ASM Plan staff on water quality

5.2 Training on Hand Pump Maintenance programme was conducted from 30th August -2nd September for the training to the youth and volunteers of ASM-Plan

to be Hand Pump Mechanics. All the pumps in the project area were shallow pumps (15 feet depth) due to shallow depth of the water table. The practical training was therefore conducted for the shallow pumps only, and all major repairs for the above ground level parts of the hand pump was carried out.



Hand pump Mechanics Training to ASM Plan

6. Advocacy of ECOSAN

Urban individuals attracted to ECOSAN toilets: Dr. Usha (Head of the Department of Bio Technology) and her husband Dr. Krishnasamy (Department of Plant Bio Technology) of Madurai Kamaraj University were both very impressed on hearing about WASHi's training on ECOSAN from Ms. Shantha Sheela Nair, IAS, former Secretary DDWS, Government of India. They requested WASHi to render technical guidance on ECOSAN construction for their home. So with technical guidance, trained master masons constructed two ECOSAN toilets in their houses. The whole expense was borne by them. As an outcome of this initiative, more ecological enthusiasts have approached WASHi to convert their pour flush latrines to ECOSAN toilets.

8. Future Action Plans

- Conducting DDWS sponsored training programmes on Water Quality, Water Security, and Ferro-cement Iron Removal Plant, in best possible manner according to schedule.
- Up gradation of training modules so WASHi will be able to offer a complete package of WATSAN training programmes.

7. Feedback from Participants

“Very good learning on water & sanitation”  
Mr. C. Sadasivam, AE, PWD, Pudhucherry

• • •

“We liked the participatory way of training. I personally learned about the seven components of Sanitation”

Mr. Sivanesan. Sri Lankan Refugee,  
Paruvai Camp, Coimbutore.

• • •

“The training is excellent we learned about Chlorination, Hand washing and simple way of disposal of waste water through leach pit”

Mrs. T. Petricia, Srilankan Refugee camp,  
Perumal Nallore.

• • •

“I am confident to participate as a Resource Person in WASH subjects in other programmes through WASHi ToT Training”

Mr. J. Jesudas, AWED, Thoothukodi.

• • •

“I learned about Eco sanitation and its merits”

Ms. Sugapriya- III B.Com,  
Govt. Arts College, Nilakottai

• • •

“One Day workshop on Rain Water harvesting is very much useful for us”

Ms. Shalini- II M.Sc., Holy Cross College, Tiruchy.

• • •

“Simple and useful construction techniques for the future”

Trainee mason Meghalaya

• • •

“We a team of 50 members from our SWM project attended a two day training workshop on Ecological sanitation organised by WASH institute. We found the training was very informative and well organised. We are happy to see the evolution of WASH institute into an excellent resource centre for Water and Sanitation training in the country.

V.Parisutham, Asst Project Director - SWM Project  
Environment Division, Hand in Hand / SEED Trust.

• • •

“The training is excellent we learned about Chlorination, Hand washing and simple way of disposal of waste water through leach pit.”

Mrs. T. Patricia, Sri Lankan Refugee camp,  
Perumal Nallore.



- Developing rapport in the states of India and countries of South Asia where we have not reached till now in order to render our services all over South Asia level.
- Capacity development of staff in order to enhance their performance individually and collectively to set and achieve the objectives of WASHi.
- Increasing the number of resource persons in the panel of WASHi in order to have flexibility in conducting training programmes.
- Focus on promoting formal courses.
- Plan for series of Sanitation programs with MoDWS on sanctioning.
- Focus on self sustainability of WASHi

9. Key Resource persons who associated with us during the Year

1. Mr. M. Subburaman, Director, SCOPE, Tiruchirapalli.
2. Dr. C.A. Srinivasamurthy, Professor, GKVK, Bangalore.
3. Mr. Jyothirmoy Chakraborty, Programme Co-ordinator, WFP, Kolkata.
4. Mr. Satya Narayan Ghosh, WFP, Kolkata
5. Mr. L. Peter, Executive Secretary, REAL & District Convener, (TNEC) Tamil Nadu Environment Council, Dindigul.
6. Mr. V. Ganapathy, Retd. Special Correspondent, The Hindu, Tiruchirapalli.
7. Mr. Vikranth, Sphere India, New Delhi.
8. Mr. M. Satchidananda Valan, Project Director ADRA India, Chennai
9. Mr. Sherine David, Consultant, Chennai.
10. Mr. J. Saravanan, Consultant, Chennai.
11. Mr. Anjal Prakash, Hyderabad.
12. Mr. Prakash Chandra Nayak, Consultant, New Delhi.
13. Mr. RP. Diwedi, Bhubaneshwar.
14. Mr. Hemanth Khosla, WASMO, Ahmedabad.
15. Mr. Amitava Basu Sarkar, Consultant, Dehradun.
16. Mr. Anindya Kumar Sarkar, Development Professionals Forum, Bhubaneshwar.
17. Mr. Ram Chandra Panda, Development Professionals Forum, Bhubaneshwar.
18. Mr. P.S. Yadav, Haryana.
19. Mr. R. Sukumaran, Consultant, Coimbatore.
20. Mr. Y. Narasimhaiah, TDC, Hyderabad
21. S. Annadurai, State Convener, River Network and Director, Vaigai Trust, Dindigul
22. Mr. S. Abdul Nazer, Axiom Trust, Dindigul.

10. Acknowledgement

The WASH Institute team expresses its sincere thanks to our General Council, Advisory Council and Executive Council Members, the various Government Departments and INGOs like Plan India and others for their financial and advisory support to us in our first phase of work. We also thank the decision makers and officials of the government departments, educational institutions, local governments and financial and other institutions, NGOs and community for their interest and enthusiasm in association with us in our activities which is what stirs us forward to realise the goals before us.

WASH Institute - General Council

Sl.No	Name	Address	Position
1.	Dr. TT Ranganathan	Prof. Agriculture, Gandhi Gram Rural Institute, Gandhi Gram Dindigul.	Trustee President
2.	Mr. Arumugam Kalimuthu	Country Director, Water For People (WFP), Kolkata, West Bengal, India.	Managing Trustee
3.	Mr. L.Peter	Executive Secretary, Rural Education and Action Liberation (REAL) Dindigul, Tamil Nadu, India.	Trustee-Treasurer
4.	Mr. Tom Palakudiyil	Head of Asia Region, WaterAid UK, 47-49, Durham Street, London-SE11 5JD, UK	Member
5.	Mr. Girish Menon	Director -International operation, WaterAid 47-49, Durham Street, London-SE11 5JD, UK	Member
6.	Mr. D. K. Manavalan, IAS (Retd)	Executive Director Action for Food Production (AFPRO) New Delhi, India	Member
7.	Mr. Shashikant Chopade	Senior Program Officer Winrock International (India), New Delhi, India.	Member
8.	Mr. S. Paramasivan	Country Director Wherever the Needs (UK) Cuddalore, Tamilnadu, India	Member
9.	Ms. Rajashi Mukherjee	Independent Consultant Kolkata, India.	Member
10.	Mr. S. Damodaran	Country Director Water.org, Tiruchirapalli, India.	Member
11.	Mr. Prakash Kumar	Deputy Team Leader, SWASTH, DFID Patna, Bihar.	Member

WASH Institute - Advisory Committee

Sl.No	Name	Address	Position
1.	Mr. Kumar Alok, IAS	Chief Executive Officer, TTAADC, Govt. of Tripura	Member
2.	Dr. Ian K Smout	Director, WEDC, Loughborough University (UK)	Member
3.	Mr. Rene Van Lieshout	Senior Programme Officer, RCD Section IRC, The Netherlands	Member
4.	Mr. Joep Verhagen	Senior Programme Officer, RCD Section IRC, The Netherlands	Member
5.	Mr. Anton Earle	Manager (capacity building) SIWI, Sweden	Member



Sl.No	Name	Address	Position
6.	Ms. Verity Corbett	Independent Consultant New Delhi	Member
7.	Mr. James Wicken	Advocacy Officer, WaterAid, Australia	Member
8.	Mr. Peter Feldman	WES Officer, UNICEF, Ethiopia (former Regional WES Advisor, Plan Asia Regional Office Bangkok)	Member
9.	Mr. Ned Breslin	C.E.O, Water For People, USA	Member
10.	Mr. Dara Johnston	WES Chief, Myanmar UNICEF	Member

### WASH Institute - Executive Committee

Sl.No	Name	Address	Position
1.	Dr. TT Ranganathan	Prof. Agriculture, Gandhi Gram Rural Institute, Gandhi Gram Dindigul.	Trustee President
2.	Mr. Arumugam Kalimuthu	Country Director, Water for People, Kolkata	Managing Trustee
3.	Mr. L. Peter	Executive Secretary, REAL, Dindigul	Treasurer
4.	Mr. Tom Palakudiyil	Head of Asia Region, WaterAid, UK	Member
5.	Mr. Prakash Kumar	DFID SWASTH, Patna	Chief Executive Officer



Ecosan Toilet Construction training at  
ASM-PLAN Krishna AP



Ecosan Training for  
CCDU Officials of Chhattisgarh



Hand in Hand Staff Training on  
Environment and Ecosan

### Financial Highlights

#### WATER, SANITATION AND HYGIENE INSTITUTE (WASH Institute) "Ashwath Nivas" 5-296, Anandhagiri 7th Street, Kodaikanal 624101 Receipts and Payments account for year ended 31st March 2011

Amount in Indian Rupees					
Receipts	Sch	Amount	Payments	Sch	Amount
<b>To Opening Balances</b>	<b>R1</b>		<b>By Expenses</b>		
Cash In hand		4217.00	Local Contribution Account	<b>P1</b>	1056972.00
Canara Bank		262312.00	Foreign contribution account	<b>P2</b>	2784624.00
Account No 0945101030250			Revenue Expenditure	<b>P3</b>	330401.00
<b>To Receipts</b>			Capital Expenditure		165.00
Local Contribution Account	<b>R2</b>	1859940.00	Bank Charges Staff welfare account		
Foreign contribution account	<b>R3</b>	3553613.00	<b>By Contributions (Contra)</b>	<b>P4</b>	56719.00
Bank Interest - Staff welfare account		1547.00	<b>By Advance</b>	<b>P5</b>	491994.00
<b>To Contributions (Contra)</b>	<b>R4</b>	56719.00	<b>By Closing Balances</b>	<b>P6</b>	
<b>To Advance</b>			Cash In hand		3430.00
Staff Welfare Account		430621.00	Cash at Bank		1444664.00
		6168969.00			6168969.00

#### Income and Expenditure account for the year ended 31st March 2011

Expenditure	Sch	Amount	Income	Sch	Amount
<b>To Expenses</b>			<b>By Receipts</b>		
Local Contribution Account	<b>P1</b>	1056972.00	Local Contribution Account	<b>R2</b>	1859940.00
To Depreciation		2547.00	<b>By Donation in Kind - Television</b>		25470.00
To Excess of Income over Expenditure		825891.00			
		1885410.00			1885410.00

#### Balance Sheet as on 31st March 2011

Liabilities	Sch	Amount	Assets	Sch	Amount
<b>General Fund</b>	<b>L1</b>	1547158.00	<b>Fixed Assets</b>	<b>A1</b>	
			Land		450000.00
			Other Fixed Assets		320284.00
			<b>Total Fixed Assets</b>		<b>770284.00</b>
<b>Project Fund</b>	<b>L2</b>	735949.00	<b>Current Assets</b>		
<b>Staff Welfare Fund</b>	<b>L3</b>	277536.00	Advances	<b>A2</b>	342265.00
			Cash at Bank	<b>A3</b>	1444664.00
			Cash in hand	<b>A4</b>	3430.00
		2560643.00			2560643.00

Place : Chennai

Date : 22/6/2011

As per Report of even Date  
For ANNAMALAI ASSOCIATES  
Chartered Accountant

K.K.NILAKANTHAN, B.Com., F.C.A.,  
Partner. M.No. 27208.







Integrated Training on WATSAN for WFP Staff



Integrated WATSAN Training for ADRA India Staff



School WES training for Plan



Shillong Training Programme



TMSSS Staff training on WATSAN



Training on Hand Pump Mechanics for ASM-Plan



## Water, Sanitation and Hygiene Institute

Ashwath Nivas, 5/296, Anandagiri 7<sup>th</sup> Street, Kodaikanal 624 101, Tamil Nadu

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email: [office@washinstitute.org](mailto:office@washinstitute.org)

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