

(Narrative Report/Journal - Sri Lanka Water Partnership)

January- June 2015.

Names of individuals conducting assessment. Ranjith Ratnayake. Badra Kamaladasa,

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Goal 01 -Catalyze Change in Policy and Practice

GWP – Core Activities

RSM, RBO/RBM sub-Basin and Source area conservation

(Activity 1)

Sri Lanka Water Partnership which strongly supports catchment and river bank conservation celebrated World Environment Day 2015 with tree planting campaigns in the various locations where their partner organizations are active on 5th June.

Tree planting campaigns took place in following locations

- Deduru Oya – by Deduru Oya Area Water Partnership in Gatalawa, Bingiriya.
- The Historic Balana Fort, Kandy by – with NetWwater and the Lions Club Pilimalawe.
- Gin Ganga – led by the Department of Irrigation.
- The Nilwala Ganga, Matara – by the Nilawala Area Water Partnership.
- The Deniyaya Composting Project – by the Deniyaya Pradeshiya Saba and Nilwala AWP
- The Biodiversity Study Park, Talawathugoda – by Wetland Unit, Sri Lanka Land Reclamation and Development Corporation and Sri Lanka Water Partnership. This activity was featured in the IWMI Blog *Linda Langa* and in the *Desertification* Blog by Prof Wilhelm Van Cot them -University of Ghent.

(Activity 2)

The field trip for investigating the deterioration of *Digili oya basin* and discussion

A field trip and a discussion were organized for investigating the deterioration of Digili Oya on 18th June as part of our catchment conservation nod RBO activity. The field trip was organized by the Nilwala AWP and University of Ruhuna with support of the with Departments of Irrigation and the Agricultural Engineering of the university.

110 persons from Department of Irrigation, National Water Supply and Drainage Board ,Sri Lanka Army, Police, Department of Wild Life Conservation, Department of Forest Conservation, Central Environmental Authority, Divisional Secretary Akuressa, Agrarian Services, Agriculture Department officers of the area and the *Gramasewaka* participated in the field trip and the discussion.

The participants were divided in to two groups and discuss about the procedure and the protocols that should be attained relating to the River Reserve. The main points of the discussions were woven around the steps to be taken for the conservation of the existing Forest alongside the river, the steps to be taken to prevent mixing chemicals directly in to the river water, the way of preventing the exploitation the lands alongside the river, the prevention of mixing debris in to the river water, given space for the officers to examine the condition of the river with regard to its composition and the steps to be taken for the conservation of bio diversity and water quality. An action plan is to be developed and followed up for implementation.

(Activity 3)

Impact of Climate Change on outbreaks of water borne diseases In Nilwala basin and remedial measures.

Sri Lanka Water Partnership in collaboration with University of Ruhuna (Nilwala AWP) organized a programme on 30th June on the above topic as part of its water and Health/RBO activity at the auditorium of Department of Agric. Engineering, Faculty of Agriculture, and University of Ruhuna.

The 60 participants of the programme were mainly Public Health Inspectors and Community Health Workers (52). The Director of Health Services thanked organizers on an timely event. Prof. Chamapa Navaratne delivered a speech on Climate change and the how it effects the health condition of people. She also discussed about the greenhouse effect. Whether patterns, impacts of whether on Nilawala basin, purification of drinking water were other topics among discussion. An analysis of local rainfall data showed clearly a relationship between dengue and dysentery with rainfall.

Wetlands activities

(Activity 1)

SLWP Senior Advisor Ms. Kusum Athukorala was invited to the programme celebrating International World Wetland Day (Celebrated February 2nd every year) organized by Ministry of Wild Life Conservation and Central Environment Authority on 2nd February. This special even was located deep within the Wilpaththu National Park which is also a Ramsar Site. The program brought together agency staff, school children ,and civil society and community groups working with wetlands.

(Activity 2)

Focusing on raising awareness of the wise use of water and wetlands among school children, a special event was organized to mark the World Wetlands. The programme was organized in collaboration with the Wetland Unit of Sri Lanka Land Reclamation and Development Corporation which took place at the Wetland Center in Thalawathugoda on 6th February. 40 School children from selected schools participated with 15 other invitees including media and teachers.

(Activity 3)

Urban Wetlands was held in April 2nd at Thalwathugoda Eco Park organized with The Sri Lanka Land Reclamation and Development Corporation (SLRDC) with support from the Colombo and Ruhuna Universities for students and teachers from 3 schools and their parents (60) participated at this event. A school newsletter "Tech Bim Tathu" was also launched with first copy being handed over to Chairman SLRDC at this event.. A seminar followed with 3 presentations being made on Water Cycle and Wetlands by Dr Deepthi Wickramasinghe, Climate Change and Impacts on Wetlands by Prof Champa Navaratne and Why Conserve Urban Wetlands by Dr Missaka Hettiarachi.

GWP – WACREP Activities on CCA

Agency Staff Programmes (Activity 2A)

(Activity 1)

Sri Lanka Water Partnership in collaboration with Irrigation Management Division of Ministry of Irrigation organized a Climate Change Awareness Programme for Project Staff of Giritale, Minneriya and Kaudulla Major Irrigation Schemes. The Programme was held at the Hingurakgoda Divisional Secretariat Conference Hall on 27th February. There were 71 participants for the full day programme including 65 officers from the Irrigation, Agriculture, Agrarian Development Departments, Coconut Development Board and Project Managers and Development Officers of Irrigation Management Division (IMD) attached to the above projects participated. Programme was organized jointly by SLWP and IMD of the Ministry of Irrigation and Agriculture.

Resource persons included a Consultant Irrigation Agronomist, Chief Engineer Irrigation Office Polonnaruwa, Deputy Director Agriculture and a Senior Lecturer from the University of Rajarata . SLWP was represented by the Country Coordinator and Consultant, IMD by the Actg. Director who is also presently the Addl Director General Irrigation Department and the Monitoring Officer of IMD. Topics addressed included CC impacts on Water Resources and Rural Livelihoods, CC impacts on Irrigation Water Management, Cropping Practices to cope with CC and Adoption of New Technology as a CCA option.

(Activity 2A)

Sri Lanka Water Partnership in collaboration with Irrigation Management Division of Ministry of Irrigation organized a Climate Change Awareness Programme on 16th March for Project Committee members of Nachaduwa, Nuwara Wewa, Thissa Wewa, Mahakanadarawa, Mahawilachchiya, Hurulu Wewa, Padaviya and Wahalkada Major Irrigation Schemes. The Programme was held on 16th March at Conference Hall of the Dept.

of Agrarian Development Anuradhapura. There were 95 participants for the full day programme including 75 officers from the Irrigation, Agriculture, Agrarian Development Departments, Coconut Development Board and Project Managers and Development Officers of Irrigation Management Division (IMD) attached to the above projects participated. Programme was organized jointly by SLWP and IMD of the Ministry of Irrigation and Agriculture. Resource persons were from the Irrigation Department, IMD, Agriculture Dept. and the University of Rajarata.

New Technology Options (Activity 5A)

(Activity 1)

A CCA awareness programme was held for Project Managers, Development Officers and Development Assistants of the Irrigation Management Division projects in Puttalam, Kurunegala and Anuradhapura on 26th March at the Field Crop Research Institute (FRCDI) of the Dept. of Agriculture at Maha Illuppallama.

28 officers Project officials participated the programme of a total of 37 participants. The Director of FRCDI Dr. S. Weerakoon and Dr Ajanatha De Silva Addl. Director conducted the programme. This is a follow up to programmes for farmer leaders conducted in Phase 1. At present farmers are receiving advice only from vendors of sprinkler/drip equipment and are thus tied to brand names and products. Over 50% saving in costs are possible with local purchase and project Staff will take action to promote this at the PMC regularly

WACREP World Water Day Programmes

(Activity 1)

WWD Programme by IMD in Nuwara Wewa and Bathalagoda. This was joint sponsorship from WWD last year. Road shows and Marches of FO Organizations and students were organized by Resident Project managers of Nuwara Wewa In Anuradhapura and in Batahalagoda in Kurunegala. Nearly 1000 participated in both events. SLWP contributed to providing posters and flyers for the programme as the sponsor. SLWP Also contributed 125 "Water Cycle" posters for WWD School to be distributed by the Irrigation Management Division in their national WWD programmes in districts.

Goal 02 - Generate and Communicate Knowledge.

GWP – Core Activities

School Programmes / Water Messenger Programmes (Activity 2)

(Activity 1)

Menstrual Hygiene Programme for School Children

Above programme is a 100 Day programme which started on January 2015 and continuing on a schedule to be ended in April. The programme is collaboratively organized by The Sri Lanka Water Partnership and Lions Club of Pilimathalawa.

The first stage started in January 2015 with an awareness programme for school teachers on Hygiene Management. Then the programmes were scheduled to be carried out in the 100 day period in Uduwara and Yatinuwara with permission from provincial educational director.

In February programmes were carried out for School Principals and training teachers as instructors for training students in future programmes. 7 programmes have been undertaken in the Udu Nuwara and Yati Nuwara Education Zones.

A review meeting was held on 24th April at IWMI to move forward based on the survey on MH that was carried out. A workshop (planning activity) was held on 11th May to understand the challenges and define the type of activities to be carried out on 28th May 2015 in all the 86 schools in Denuwara Education zone, Central Province, Kandy,

(Activity 2)

Citizen Scientists for Digital Water Monitoring Across South Asia a Joint activity of Nepal Water Conservation Foundation, Nepal and Net Water, Sri Lanka with Technical support from State Department United States of America.

90 students and 12 teachers from 6 Schools in Denuwara Educational Zone participated the above programme in two stages and students from Lagamuwa Maha Vidyalaya who were trained during this event held an exhibition commemorating the World Environment Day on 26th June. These students carried out water quality testing and according to the training they obtained from above programme. Total of 250 students and 26 teachers participated at this exhibition.

School Programmes - World Water Day Programmes

(Activity 3)

A World Water Day Programme was organized by Ma Oya Mithuro on 22nd March at Ambulugala Maha Vidyalaya. The programme included presentations on Water Management, Water Security and Methods of protecting water resources. 80 School children participated in the programme. Also an essay competition was organized parallel to this event and essays from 10 Schools in the area are selected. They are planning to compile a booklet on best 10 essays.

(Activity 4)

A speech competition and a workshop were held on 14th May in Rajapakse Central College Deniyaya to commemorate World Water Day. The focus of the programme was to highlight the "Impacts of the Climate Change on Water Quality". The programme was organized in collaboration with University of Ruhuna and Kotapola Provincial Council. Discussions were carried out on Effects of Climate Change on Water Resources and Issues caused by pollution of water resources. Also a lecture and a practical demonstration on how to examine water quality. Total of 124 students, 10 Teachers three Kotapola Pradesheeya Sabha officers and eight final year students representing the University of Ruhuna for event management participated the programme.

GWP – WACREP CCA Activities

Drinking Water – CBO Activities (Activity 7A)

(Activity 1)

CBO Programme in Passara and Welimada on 12th and 13th March. The Programme was organized by the Sri Lanka Water Partnership in collaboration with National Water Supply and Drainage Board and The National Community Water Trust. The Programmes were focused on the climate change and the effect of the climate change on water supply and the rural community with the Drinking water CBO as target groups. They also discussed health issues related to climate change and issues the community has on adapting to climate change. The resource person included from an engineer, a senior chemist and sociologist from National Water Supply and Drainage Board, Regional Epidemiologist from regional health department and a forest officer. Total of 56 including resource persons on 12th (Passara Programme) and 46 including resource persons on 13th (Welimada Programme) participated in the programmes.

CCA SchoolsProgramme (Activity 7B)

(Activity 1)

Two school programmes were held in Anuradhapura district on 11th and 12th May. On 11th the programme was held in Kebithigollewa Madya Maha Vidyalaya and total of 183 participated including 4 teachers. On 12th the programme was held in Kahatagasdigiliya Madya Maha Vidyalaya and total of 162 participated including 12 teachers.

Resource persons from National Water Supply and Drainage Board and Provincial Health Department participated the programme and introduction to Climate Change, Proper use of drinking water, water quality and water born diseases were discussed in both programmes.

Goal 03 - Strengthen Partnerships

Private Sector Collaboration

(Activity 1)

Awareness on Improving Water Quality and Introduction to Environmental Friendly Bio Cell Septic Tanks.

The programme was organized by Sri Lanka Water Partnership in collaboration with Net Wwater, Lions Club of Pilimathalawa and the Kadugannawa Urban Council on 27th March. The programme focused on improving water quality and introduction to bio cell septic tanks. Department of Agriculture, University of Peradeniya, National Water Supply and Drainage Board, Provincial Health Department and St. Anthony's Ltd the Bio Cell Agents collaborated as resource persons. 81 participants participated including locals, business community and the government officers in the area. This was follow up activity and due to a resurgence of interest St Anthony's Ltd has agreed to support a joint programme to be carried out.

Governance

- a. 6 Programme Committee Meetings and 1 Steering Committee Meeting held during the period.
- b. SLWP Chair Ms. Badra Kamalada participated in the Disaster Management Coordination Committee Meeting on 27th February at the Ministry of Disaster Management, Colombo.
- c. SLWP Senior Advisor Ms. Kusum Athukorala participated on the World Water Day Programme "Symposium on Dissemination of findings of Research and Development Studies, carried out by the staff of the NWSDB organized by the National Water Supply and Drainage Board on 19th March.
- d. Chair Ms. Badra Kamaladasa was invited to the National Symposium on "Water and Development" organized by Irrigation Department on 20th March. This program was the major event of ID's island wide program commemorating World Water Day 2015. The keynote address was delivered by Dr Herath Manthritilake of Inter National Water Management Institute, while the guest speech was delivered by Prof. Shanthi de Silva of Open University. The forum was attended by more than 250 participants including senior officials of Ministry of Irrigation and Agriculture, Irrigation Department and many retired senior officials of ID.
- e. Chair SLWP participated at the Workshop on Perpetration of Integrated Environment Solution Plans for 14 Local Authorities in the Kelani River Basin organized by the UNDP and the Central Environment Authority on 31st March.
- f. f Chair-LJ participated the 63rd NDMCC meeting held on 29th May at NDMC. The meeting was chaired by Mr W M Bandusena, Secretary of Ministry of Disaster Management. Booklet on National Policy on Disaster Management was distributed among the participants.
- g. Chair SLWP appointed as a member of INWEFP national committee and is involved in organising committee of INWEFP symposium to be held in November in Sri Lanka as a partner.

Reports/Media.

- a. A report on Water Disaster Early Warning Systems was submitted as part of UN APAN SAS Regional activity.
- b. Report being prepared on Issues arising and recommendations based on Farmer Resilience Survey by a Consultant
- c. **Website.** SLWP (Lanka Jalani) new website uploaded. Being modified based on comments/observations during trial period
- d. **World Water Day 2015. – Newspaper articles** by Chair Ms. Badra Kamaldasa, Country Coordinator Mr. Ranjith Ratnayake, Senior Advisor Ms. Kusum Athukorala and Dr Deepthi Wickramasinghe Executive Secretary were published (Full Page) in and a special World Water Day Supplement in English in two national newspapers “Sunday Island “ and “Sunday Observer”. An article by Chair SLWP on WWD was also published on 18th March in the “Dinamina” Sinhala newspaper. The SLWP articles in the Sunday Observer the largest circulation English Sunday paper were the only non-commercial articles included in the special supplement next to messages by the President, Prime Minister, Minister of Water Supply, Deputy Minister and Chair NWSDB.
- e. **Video on Climate Change Adaptation.** Script of 20 min video on CCA being prepared. Currently on hold due to WACREP funding freeze