

## NETWORK PROGRESS REPORTS - 2018

### Name of the Network

Cap-Net Lanka

### Period covered by the report

Annual progress

Mid year progress

Host Institution and Address Postgraduate Institute of Agriculture, University of Peradeniya, Peradeniya, Sri Lanka

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Core support contract number: 020518/00075517-PGIA

### SUMMARY

#### Network Management & MELP

In 2018 Dr. S. Pathmarajah, Senior Lecturer, Dept. of Agric. Engineering, Faculty of Agriculture, University of Peradeniya continued his second year as the Country Coordinator of Cap-Net Lanka and Ms. Tharanga Randunu continued as the Secretary / Admin. Assistant. Dr. Pathmarajah was also elected as the Head of the Department, Dept. of Agric. Engineering, Faculty of Agriculture, University of Peradeniya with effect from 15 October 2018.

The host Institution, Postgraduate Institute of Agriculture (PGIA) continued to provide office space and all other logistical support for the Cap-Net Lanka Secretariat to continue its activities. Prof. CMB Dematawewa continued as the Director / PGIA since December 2017.

- At the beginning of the year, Cap-Net Lanka gave priority to Aqua Republica Competition among school children which was very effective in stimulating their logical thinking and implementing strategies towards managing water resources. The competition was published in Newspapers and conducted as a regional level activity. Later part of the year, the Secretariat organized seven activities including a MELP workshop and a meeting with a foreign WASH team of World Vision as soon as the funds were confirmed. Some of the Cap-Net Lanka members, school children and teachers gathered at its first "Cap-Net Lanka Water Forum"; a parallel event with the Junior Water Awards 2018 which was held on the 01st October 2018.
- A half-day Monitoring, Evaluation and Learning Plans (MELP) workshop on Climate Change Adaptation (CCA) was conducted at the Irrigation Department, Wariyapola in the North Western Province on the 17<sup>th</sup> September 2018 for the farmer leaders and

representatives in a medium irrigation schemes. 23 participants including five females participated the event.

- Mr. Dimuthu Daya Sri Daluwatte, a member of Cap-Net Lanka since 2016 was selected for the post of Network Attachment (Intern) by Cap-Net UNDP. He is assisting in compiling MELP reports and outcome evaluations of Cap-Net Lanka and other Networks for 2018.
- The Cap-Net Lanka website has been updated and new materials have been uploaded. According to a decision taken at the Core-Group Meeting of Cap-Net Lanka 2017. Website has been currently updated by adding a database on “expertise search” to [www.capnetlanka.lk](http://www.capnetlanka.lk). to select expertise in water sector under membership similar to the website of [www.cap-net.org](http://www.cap-net.org) of UNDP.
- Thirteen Members were added to Cap-Net Lanka family in year 2018 where the total no. of members is 160. The list of all the Cap-Net Lanka members as at present is given in Annex 1.

### **Summary of Network Activities**

- The first training programme for 2018, Capacity development of the farmer leaders in medium/ major irrigation schemes was conducted in Farmer Training/Meeting Centre, Uyilankulam, Mannar District in the Northern Province of Sri Lanka on the 25<sup>th</sup> June 2018. Sixty-six (66) people participated. The main partners of the programme were Irrigation Department, Department of Agriculture, Department of Agrarian Development, Sri Lanka Water Partnership and Irrigation Management Division/ Ministry of Irrigation.
- A Climate Change Adaptation (CCA) programme for Allai Major Irrigation Scheme in Trincomalee district was held at the Muthur Divisional Secretariat Conference Hall on the 10<sup>th</sup> September 2018 for Officers and Farmer Leaders of Allai Scheme. Seventy-four (74) people participated. The Programme was organized by Cap-Net Lanka in collaboration with Sri Lanka Water Partnership, Irrigation Management Division (IMD) of the Ministry of Irrigation, Irrigation Department (ID) and Department of Agriculture (DoA).
- A hands-on training on Aqua Republica for Advanced Level School Children was given on the 7<sup>th</sup> September 2018 to prepare them for the Competition. A total of 45 students (22 Females) and five teachers attended the training at the Computer Unit of the Postgraduate Institute of Agriculture (PGIA).
- Cap-Net Lanka-PGIA Junior Water Awards for Innovations and Knowledge Management and Cap-Net Lanka Water Forum were held on the 01<sup>st</sup> October 2018 at the RR Appadurai Auditorium, Faculty of Agriculture, University of Peradeniya.
- Along with the Junior Water Award, the Cap-Net Lanka Water Forum was held on the 01<sup>st</sup> October 2018. Key events of the day were; Junior Water Awards Ceremony, Guest speeches by two visiting delegates from Australia and a panel discussion. A discussion on Cap-Net Lanka Annual Plans-2019 also was held. Ms. Indika of Cap-Net UNDP severed as resource person for the discussion. A total of 110 participants attended the programmes on the day.
- One day On-farm Water Management Training for Farmer Organization Leaders, in Jaffna and Kilinochchi were conducted on the 8<sup>th</sup> and 9<sup>th</sup> October 2018, respectively. Imminent people from Irrigation Department, Department of Agriculture and University of Jaffna

served as resource persons. Total of 33 trained from the programme. A total 33 farmer leaders participated.

- The two and half day's residential training of trainer (TOT) workshop on "Implementation of hygiene education and promotion programmes at rural level" was conducted in collaboration with World Vision Lanka (WVL) on the 19<sup>th</sup> to 21<sup>st</sup> November 2018. The objective was to produce at least 40 trainers who could train the rural community in local languages (Sinhala and Tamil) on personal and family hygiene. Altogether 67 (21 females) participated.
- Apart from the planned activities for 2018, the Country Coordinator represented Cap-Net Lanka in various events. One such event is, meeting with visiting foreign WASH Team. Drs. Shanon Marques, Vice Provost, Drexel University, Philadelphia, Emmanuel Opong, Regional Director of World Vision International (WASH) and Ms. Dhammika Peiris, Technical Advisor (WASH), World Vision Lanka visited the Postgraduate Institute of Agriculture (PGIA) on the 17<sup>th</sup> July 2018 to discuss the possibility of having joint training and research programs with Cap-Net Lanka at PGIA. The Director / PGIA, relevant Senior Academics and Postgraduate Students of IWRM programme participated in the discussion. At the end, it was agreed to see the possibility for PGIA and Drexel University to enter into a MOU which will include Cap-Net Lanka and World Vision Lanka as collaborators.

In addition, Country Coordinator served as resource person in Developing Watershed Management Plan for World Vision Lanka's water projects in the hill country, also assessed the Extent and Impact of Drought in the Northern Province for International Labour Organisation (ILO).

## **NETWORK ACTIVITIES**

### **1. Capacity development of the farmer leaders in medium/ major irrigation schemes; empowering them on participatory decision making – 25<sup>th</sup> June 2018**

The first training programme for 2018, Capacity development of the farmer leaders in medium/ major irrigation schemes was conducted in Farmer Training/Meeting Centre, Uyilankulam, Mannar District in the Northern Province of Sri Lanka on the 25<sup>th</sup> June 2018.

The main partners of the programme were Irrigation Department, Department of Agriculture, Department of Agrarian Development, Sri Lanka Water Partnership and Irrigation Management Division/ Ministry of Irrigation. 66 numbers including farmer organization leaders, agency staff of minor/major schemes, consultants participated the programme.

Programme covered the areas of principles of participatory management, Institutional arrangements for farmer representation, roles and responsibilities of staff and farmers in participatory management, field canal, distributary canal and system level organizations, legal basis, seasonal planning arrangements, pre-season and season meetings, constitution of Project Management Committees (PMC) and joint decision making. It also covered climate Change Impacts on rural livelihoods and risk management options in irrigated paddy cultivation and other crops and new technology options including rainwater harvesting for agriculture.

## **2. Capacity development of the farmer leaders in major irrigation schemes – 10<sup>th</sup> September 2018**

A Climate Change Adaptation (CCA) programme for Allai Major Irrigation Scheme in Trincomalee district was held at the Muthur Divisional Secretariat Conference Hall on the 10<sup>th</sup> September 2018 for Officers and Farmer Leaders of Allai Scheme. The Programme was organized by Cap Net Lanka in collaboration with Sri Lanka Water Partnership (SLWP), Irrigation Management Division (IMD) of the Ministry of Irrigation, Irrigation Department (ID) and Department of Agriculture (DoA). 74 Participants including 33 officers from the line agencies working in the scheme participated and the rest were FO leaders. Dr. S Pathmarajah (Cap-Net Lanka), Dr. N S Nijamudeen (DoA) and Eng. K. Akilan (ID) served as Resources Persons.

The objective of the programme was, Institutional and Management Strengthening of Farmer Leaders in Medium Irrigation Schemes to cope with extreme climate events which are (floods and droughts) now occurring with increased frequency.

## **3. Training Worksop on on-farm Water Management – 8<sup>th</sup>,9<sup>th</sup>October 2018**

A total 33 no of farmer leaders from Jaffna and Kininochchi were trained on Climate Change Adaptation and On-Farm Water Management on the 8<sup>th</sup> and 9<sup>th</sup> October 2018, respectively. The objective was to make the farmers aware of the nature of groundwater of Jaffna, groundwater quality, managing groundwater for irrigation and adapting agricultural practices to climate change. Training contentment included soil-plan-water relationships, irrigation water requirements and water management options such as drip and sprinkler irrigation systems, Farmer leaders and field level officers of government and non-government organizations from the area were made aware of their attitude of using excessive amount of water and fertilizer and also the issues associated with on-farm water management that pollutes the groundwater.

The farmers are expected to disseminate their leanings to the fellow farmers, families, friends and the villagers. Cap-Net Lanka will conduct an impact assessment after 6 months.

## **4. Monitoring, Evaluation and Learning Plans (MELP) workshop on Climate Change Adaptation (CCA) – 17<sup>th</sup> September 2018**

A half-day programme was held on the 17<sup>th</sup> September 2018 at Department of Irrigation, Kurunegala. A total of 29 participants participated for the programme.

## **5. Cap-Net Lanka-PGIA Junior Water Awards for Innovations and Knowledge Management and Cap-Net Lanka Water Forum – 1<sup>st</sup> October 2018**

The Secretariat started the groundwork of the Cap-Net Lanka – PGIA Junior Water Awards 2018 in early March 2018. Northern and North Central Provinces were selected for the competition. Two Coordinators appointed for each province. The following four schools were selected as winners of the programme:

Winners / "Cap-Net Lanka - PGIA Junior Water Award 2018" –North Central Province

No	Name of the School	Name of the Project
1	Anu/ Thalawa Maha Vidyalaya, Thalawa	Reducing the environmental pollution of the bathing spot of "Jayaganga" Talawa
2	A/ Rambewa Central College, Rambewa, Anuradhapura	Natural water body purification method using plant

Winners / "Cap-Net Lanka - PGIA Junior Water Award 2018" –Northern Province

No	Name of the School	Name of the Project
1	J/Uduppidday Americam Mission College, Uduppidday, Valvettithurai, Jaffna	Improving the drinking water facilities and water based sanitation in the school
2	Puthukkulam Maha Vidyalayam, Sasthirikoolankulam, Vauniya	Water Sanitation and Hygiene Education in School

The Cap-Net Lanka Water Forum was held for Cap-Net Lanka members, school children and teachers. Key events of the day were; Junior Water Awards Ceremony, Guest speeches by two visiting delegates from Australia and a panel discussion on “Modernization of irrigation water management” with the participation of eminent people from water sector in Sri Lanka. Guest Speech (1) on “Water governance and capacity building” was delivered by Mr. Pablo Orams, Senior Project Officer International Water Centre (IWC), Queensland and Guest Speech (2) on “Experience in irrigation water management in the Burdekin region, Australia” was delivered by Mr Steve Attard, AgriTech Solutions, Australia. A discussion on Cap-Net Lanka Annual Plans-2019 also was held. Ms. Indika of Cap-Net UNDP served as resource person for the discussion. A total of 110 participants attended the programmes on the day.

**6. Aqua Republica 2018 (UNEP – DHI Eco Challenge 2018 Competition Pack – 1<sup>st</sup> October 2018**

The Aqua Republica competition was organized for the third consecutive year and a paper advertisement was published to make the programme to a regional level due to the interest shown by the school students and teachers. Mr. Sujeewa Dissanayake, RA, University of Peradenya served as the resource person and administrator for the Aqua Republica Eco-challenge. The new version is more user friendly and given new appearance to the interface. Therefore, all the selected schools were given a hands on training and given a time schedule for the competition. A total of 45 students (22 Females) and five teachers attended the training at the Computer Unit of the Postgraduate Institute of Agriculture (PGIA). Winners were as follows:

No	Name of the School	No. of students in Team	Scores
1	Sri Naga National College, Naula	19	28,319
2	St. Sylvester's College, Kandy	06	7682
3	Mahamaya Girls College, Kandy	12	4807

**7. Training of Trainers for implementation of Hygiene education and promotion programmes at rural level – 19<sup>th</sup> to 21<sup>st</sup> November 2018**

The two and half day's residential training of trainer (TOT) workshop was conducted in collaboration with World Vision Lanka (WVL) on the 19<sup>th</sup> to 21<sup>st</sup> November 2018. The objective was to produce at least 40 trainers who could train the rural community in local languages (Sinhala and Tamil) on personal and family hygiene. This programme was one of the most successful one conducted by Cap-Net Lanka for the year 2018 in terms of participation and enthusiasm of the participants. Altogether 67 including 21 females participated.

## **Main partners of the network**

The key partners that have worked with Cap-Net Lanka during 2018 are given below.

- Postgraduate Institute of Agriculture (PGIA)
- SLWP (Sri Lanka Water Partnership)
- IWMI (International Water Management Institute)
- UJ (University of Jaffna)
- RU (Rajarata University)
- Irrigation Department (ID)
- Department of Agriculture (DoA)
- Department of Agrarian Development (DoAD)
- Irrigation Management Division (IMD) / Ministry of Irrigation
- World Vision Lanka (WVL)

## **Results**

A total of 376 individuals (75 females) were trained through the activities conducted by the Cap-Net Lanka during the year 2018. The trainees include diverse group of people as indicated in Table 1 and 2.

## **Financial report**

For the year 2018, USD 4000 was received in September 2018 for the network management. No allocation was made for MELP.

To conduct seven activities, no advance was taken from the Secretariat. Total cost of activities for the year 2018 was USD 16451.52 of which Cap-Net Lanka contributed USD 6225.67 (37.8%). The Financial Reports and summaries of all activities forwarded for reimbursements.

## **Work plan for year 2019**

Has been submitted separately to the Cap-Net UNDP secretariat.

## **Conclusion**

In spite of the financial constraints, Cap-Net Lanka was able to conduct seven major activities with reasonable outputs. This report is a brief about the Network Management and the Project Activities carried out during the year 2018. Updated list of members is given in the Annex.

**Table 1: Summary of the activities (January to November 2018)**

Topic	Date & Place	Organizer	Partner/ co-organizer	Participants			Month planned for outcome monitoring	Leverage effect of financial contribution (US\$)			List the Cap-Net training materials OR network's training materials used in the activity
				Male	Female	Total		Cap-Net financial contribution	Partners financial contribution	In-kind partner contribution	
(1) Workshop on Climate Change Adaptation for Field Officers and Farmer Representatives in Giants Tank area in Mannar District	25 <sup>th</sup> June 2018	Sri Lanka Water Partnership (SLWP)	Cap-Net Lanka, PGIA, Irrigation Department, Ministry of Irrigation	61	2	63	Six month	1716.27	1455	-	
Farmer Leader Programm on Climate Change Adaptation for Field Officers and Farmer Representatives in Allai Scheme in Trincomalee	10 <sup>th</sup> September 2018	SLWP	Cap-Net Lanka, PGIA, Irrigation Department, Ministry of Irrigation	70	4	74					
(2) On-Farm Water Management Training for Farmer Organization (FO) Leaders	8 <sup>th</sup> October 2018	Cap-Net Lanka	PGIA	16	3	19				six	
	9 <sup>th</sup> October 2018	Cap-Net Lanka	PGIA	12	2	14	six				
(4) Cap-Net Lanka-PGIA Junior Water Awards for Innovations & Knowledge Management (Aqua Republica) – 2018 & Cap-Net Lanka Water Forum	01st October 2018	Cap-Net Lanka	PGIA, University of Jaffna, Rajaratta University	74	36	110	six	2582	4741.00	-	

(5)TOT for implementation of Hygiene education and promotion programmes at rural level	19 <sup>th</sup> November to 21 <sup>st</sup> November 2018 (2, 1/2 days)	World Vision Lanka	Cap-Net Lanka, PGIA	46	21	67	six	1469.96	2800	30	
MELP Programme on Capacity Development of the farmer leaders in medium irrigation schemes empowering them on participatory decision making	17th September 2018	Cap-Net Lanka	PGIA, SLWP, Irrigation Department	22	7	29		457.44	-		-
<b>TOTAL</b>				<b>301</b>	<b>75</b>	<b>376</b>		6225.67	10,225.85		
<b>Capacity development trainings</b>											
<b>Educational and innovative learning and sharing activities</b>											
<b>Total</b>											
<b>Knowledge development (Case Studies/ training material/publications)</b>											
<b>Topic</b>	<b>Date &amp; Place</b>	<b>Organizer</b>	<b>Partner/ co-organizer</b>	<b>Description on the product and links to download</b>		<b>Plan for outcome monitoring</b>		<b>Cap-Net financial contribution</b>	<b>Partners financial contribution</b>	<b>In-kind partner contribution</b>	

( 1 USD = 174.45 SLRS)





**2 Table - Types of stakeholders reached through the capacity development activities throughout the year**

**2.1 Capacity development of the farmer leaders in medium/ major irrigation schemes; empowering them on participatory decision making – 25<sup>th</sup> June 2018**

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	-	
Academics/ researcher	-	
Policymaker/ Executive level officer	3	4.7%
Technical / social / government officer	15	23.8%
NGO official	-	
Journalist	-	
Community members	45	71.4 %
Other		
<b>Total</b>	<b>63</b>	<b>100%</b>

**2.1.1. Capacity development of the farmer leaders in major irrigation schemes – 10<sup>th</sup> September 2018**

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	-	
Academics/ researcher	-	
Policymaker/ Executive level officer	33	44.6%
Technical / social / government officer	-	
NGO official	-	
Journalist	-	
Community members	41	55.4%
Other	-	
<b>Total</b>	<b>74</b>	<b>100%</b>

2.2. Training Worksop on on-farm Water Management – 8<sup>th</sup>,9<sup>th</sup>October 2018

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	-	
Academics/ researcher	-	
Policymaker/ Executive level officer	4	12.1%
Technical / social / government officer	-	
NGO official	-	
Journalist	-	
Community members	29	87.9%
Other..	-	
<b>Total</b>	<b>33</b>	<b>100%</b>

2.3. Aqua Republica, Cap-Net Lanka -PGIA Junior Water Awards for Innovations and Cap-Net Lanka Water Forum– 1<sup>st</sup> October 2018

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	6	5.5%
Academics/ researcher	20	18.2%
Policymaker/ Executive level officer	13	11.8%
Technical / social / government officer	10	9.1%
NGO official	-	
Journalist	-	
Community members	-	
Others (Student assistants)	61	55.5%
<b>Total</b>	<b>110</b>	<b>100%</b>

2.4. Monitoring, Evaluation and Learning Plans (MELP) workshop on Climate Change Adaptation (CCA) 17<sup>th</sup> September 2018

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	-	
Academics/ researcher		
Policymaker/ Executive level officer		

Technical / social / government officer	4	13.7%
NGO official	-	
Journalist	-	
Community members	25	86.2%
Other	-	
<b>Total</b>	<b>29</b>	<b>100%</b>

2.5. Training of Trainers for implementation of Hygiene education and promotion programmes at rural level – 19<sup>th</sup> to 21<sup>st</sup> November 2018

<b>Type of profession</b>	<b>Number</b>	<b>Percentage</b>
Water manager	-	
Academics/ researcher		
Policymaker/ Executive level officer	2	2.9%
Technical / social / government officer	21	31.3%
NGO official	10	14.9%
Journalist	-	
Community members	10	14.9%
Other	24	
<b>Total</b>	<b>67</b>	<b>100%</b>