

SANDEE-IDRC Project Meeting – 24 March 2017, Friday

A Meeting of the Project Team on Climate Smart Cities was held in Sylhet on 24 March 2017 at 10am with Dr. A.K. Enamul Haque as the Chair.

The meeting was attended by:

- Dr. Muntaha Rakib (Climate Specialist)
- Ms. Nabila Nuzhat Hye (Research Assistant)
- Mr. Ashraf Uddin Mian (Research Assistant) (via skype from Dhaka)
- Dr. Mani Nepal (via Skype from Nepal – for discussion)
- Dr. E Somanathan (vis Skype from Nepal – for discussion)

Ageda and discussion

1. Discussion on progress on work since the last meeting

Literature Review - progress

Nabila Hye and Ashraf Mian presented their progress on the literature review work verbally. It was discussed and suggested that they should prepare a written submission on their progress of work.

Questionnaire for Baseline survey

Dr Karim was requested to look into the questionnaire sent from Nepal and develop a version on this for Survey on Sylhet.

The carried a small survey on 8 wards of Sylhet Division (3, 4, 7, 9, 15, 16, 18 and 22) in 2016. Based on this, it was decided that the team will review the finding from this survey and develop a fresh questionnaire for a baseline survey.

2. Discussion on Baseline Survey

Dr. Mani Nepal and Dr. E Somanathan joined the team meeting for discussion on Baseline survey. It was decided that the survey will be using the following steps for selection of respondents.

Step 1 – 4/5 clubs from different WARDS of SCC will be selected at random (from the list of clubs (provided by the SCC) for the intervention on garbage disposal. Two separate treatments will be used in these clubs

Treatment 1 – includes sensitization of the club members and the community on garbage segregation at source (at home) and will be provided with bags for separating organic components for a period of 30 to 60 days

Treatment 2 – includes sensitization of the club members and the community on garbage segregation at source (at home) and will be provided an incentive for an environment award. Nabila and Dr Karim will work on EFLG Nepal guideline and discuss in the next meeting.

Step 2 – 4/5 clubs will be selected from the same/adjacent WARDs where treatment will take place who will be used as control.

Step 3 – 50-100 households from these clubs will be selected at Random (systematic random sampling) for the baseline survey.

Additional list of clubs will be in the reserve list if any selected club does not agree to participate in the experiment.

Total households in the baseline survey will be between 1000 to 1200.

Collection of Club List

Nabila will work with Mr Akbar Ali (exec engineer of SCC) to collect the list of clubs ASAP.

3. Development of sensitization materials for club/communities

Nabila Hye was asked to work on developing sensitization materials and discuss with Dr Karim – to be presented in the next meeting.

4. Literature survey on Market Chain and Value Chain for reusable and recyclable wastes

Ashrf Mian was asked to work on this and to present it in the next meeting.

5. Weighting of garbage

Since there is no reliable estimates on the volume of garbage generated per household, the team decided to conduct a census in Mia Fazil Chist area for a week using weighing machine. The census will be on all households who dispose their garbage with the city garbage collectors.

Weighing will be done in two steps

Step 1 – garbage collected from each households will be weighed at the time of collection and will be recorded systematically.

Step 2 – the garbage collector after sorting useable/reusable/resalable materials will also weigh them to find the net organic wastes per day.

Dr Karim will administer this during March 2017.

6. Distribution of work among Research Assistants

Among the RAs, Nabila will work on organic garbage issues and Ashraf will work on non-degradable garbage issues.

7. Piloting Composting

Piloting composting is a major component of this research and this will be promoted among households who remains outside the regular collection system. Many of them live in slums. It was agreed that the research team will develop a business plan for this first in order to design a successful composting policy at the community level.

Nabila will work with the PI on this.

Nabila has already made correspondence with Aaga Composting (an India company) on finding a suitable composting techniques. Team will also look into other methods and find a suitable method and develop business plan.

An alternative is to use composting using bacteria which is also practiced in Munshiganj. Mr. Nasir Bhuiyan (+8801914567525) will be contacted to learn more about this.

8. Meeting with CEO of SCC

The team agreed to have a meeting with the CEO to apprise him of the complete plan of research work and get his agreement on this. Dr Karim will work on this to fix a date for the meeting between April 9-11, 2017.

9. Follow up meetings

It was decided that the team will have follow up meetings at least once in every 15 days. The next meeting date was fixed on April 1, 2017 (10pm via skype).

The meeting ended at 2pm with a vote of thanks to all.