



Sarvodaya



## **Quarterly Progress Report**

For the period of 01<sup>st</sup> October to 31<sup>st</sup> December 2006

**Program for Hydro Meteorological Risk Mitigation  
in Secondary cities in Asia (PROMISE)  
Kalutara City  
Sri Lanka**

### **1. Project Description and Objective:**

#### **Introduction:**

Cities throughout the world suffer significant human and economic losses as a result of recurrent natural hazards such as flood, drought, typhoons and landslides. In many Asian cities, these losses are a result of high population density and a high concentration of economic assets within areas prone to hazards. As a response to these recurrent natural disasters, many countries in Asia are forced to divert precious and scarce development resources to support disaster recovery and reconstruction. For example hydro-meteorological events occur frequently and are widespread throughout south and Southeast Asia, where major river basins flood on an annual basis.

Since 1990 Sri Lanka has experienced yearly flash floods, due to the hydro-meteorological events. Records demonstrate that floods have occurred every year at certain points of the Kalutara river basin. The Kalutara district is an area prone to floods. The most recent major flood event that affected Kalutara was in May 2006 and included seven administrative districts in southern, Western and Sabaragamuwa provinces. Kalutara district was also affected by the October 2006 flooding though it was not considered to be a major flood event.

#### **1.1 Program goal:**

To reduce the vulnerability of urban communities in areas prone to flooding, hydro-meteorological disasters zones in the city of Kalutara, by improving disaster preparedness of the Sarvodaya field staff and the affected communities.

#### **1.2 Program Objectives:**

- Adoption of specific hydro-meteorological disaster preparation and mitigation measures to manage hydro-meteorological disaster risk by stakeholders in target areas.
- Increase stakeholder involvement and further enhancement of strategies, tools and methodologies related to community preparation and mitigation of hydro-meteorological disaster in urban communities.
- Strengthen networks and regional links among relevant risk management institutions / organizations for improving potential and capacity for application and dissemination of lessons learned.

## 2. Summary of the Accomplishments for the reporting quarter from 01<sup>st</sup> October to 31<sup>st</sup> December 2006

- 4 community hazard mappings, vulnerability assessments done in November using PRA tools in the villages of Welapura - GN Division 725, Kalutara North – GN division 725 A, Nagoda West – GN Division 729 and Kuda Heenetiyanjala – GN Division 727.



- Hazard maps completed in 10 villages up to now were redrawn for clarity and some of them are shown below.



- Hazard seasonal calendar and hazard ranking data computerized
- New field officer, Ms. Hansika Hemanayake hired for supporting PROMISE project work
- Awareness programs on disaster risk reduction and early warning mechanisms conducted for 5 communities in the divisional secretary divisions of Ratnapura, Kuruwita, Kiriella and Kahawatte, in the upstream areas of Kalu River, in Ratnapura. The community members, Sarvodaya officers in Ratnapura and other officials participated at the program. Technical training

for these communities needs to be carried out by the Metrological Department in future.



<b>AGA Division</b>	<b>Name of the Sarvodaya Society</b>	<b>Address</b>	<b>Responsible person</b>
Rathnapura	Siripagama, Siripa Sarvodaya Society	Mahawaththa, Sri Palabaddala, Rathnapura	S.H Allis Nona
Rathnapura	Amuwala, Dinithi Sarvodaya Society	Gangulmitiya, Hangamuwa Rathnapura	L.V Janaki Padmalatha
Kuruwita	Mandadeniya, Samanala Sarvodaya Society	Mandadeniya, Dodampe Rathnapura	Mr. Rohan Weerawardana
Kuruwita	Madagama, Theppanawa, Sumana Sarvodaya Society	Theppanawa, Kuruwita	Mr. L K. Gnanathilaka
Kiriälla	Pahalagalathura, Ekamuthu Sarvodaya Society	Egodawaththa, Pahalagalathura, Kiriälla	H.A Priyani
Kahawaththa	Sarvodaya District Center, Rathnapura	Allagewaththa, Kahawaththa	Thamara Kumari Senewirathna

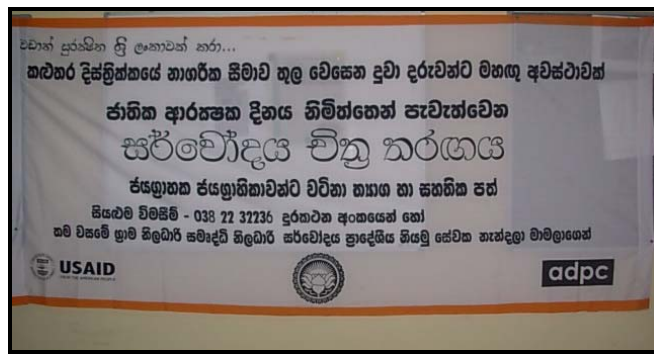
- National Safety Day 26<sup>th</sup> December 2006 program in Kalutara organized by Sarvodaya in partnership with other stakeholders. Main event for the day organized by the DMC will be held in Galle district related to the tsunami

disaster preparation. Hence, Sarvodaya will be highlighting flood preparedness through the Kalutara safety day programs.

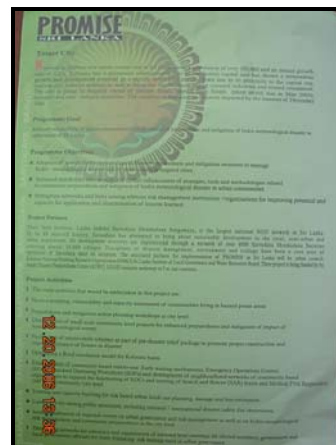
- Meetings were held with District Secretary, Divisional Secretaries, Government officers, Kalutara Urban Council members, other non governmental organizations working in the field of disaster risk reduction and details are given below;

Date	Meeting	Place	Target Group	No. of participants
28.11.2006	For planning the National Safety Day (26 <sup>th</sup> December 2006) activities and program for Kalutara	District Secretary office	District Secretary, Divisional Secretary, Disaster Management Center, Road Development Authority, Irrigation Dept, National Water Supply and Drainage Board,	22
29.11.2006	Awareness program on PROMISE project and organizing National Safety Day activities	Kalutara Sarvodaya district center	Gramaseva Officers, Samurdhi Officers, Sarvodaya district center officers	35
05.12.2006	Planning and group discussion on organizing National Safety Day activities in Kalutara # 1	Sarvodaya Disaster Management Unit	Sri Lanka Red Cross, Sawalanka, CONCERN, NBRO, SLILG and other government and local NGO representatives	10
19.12.2006	Results of the community mapping and PRAs completed up to now presented to Urban Council members	Kalutara Urban Council	Urban Council members	15
21.12.2006	Planning and group discussion on organizing National Safety Day activities in Kalutara # 2	Sarvodaya Disaster Management Unit	Sri Lanka Red Cross, Sawalanka, CONCERN, NBRO, SLILG and other government and local NGO representatives	Yet to happen
More meetings might be held before 26 <sup>th</sup> December depending on the need				

- Activities planned for the National Safety day (26<sup>th</sup> December);
  1. Awareness program for Gramaseva Niladaries, other officers and general public (200 expected) at the Divisional Secretaries office
  2. Awareness programs for school children and public
  3. Programs will be done in partnership with NBRO, Red Cross, Sewalanka, Green Movement, Urban Council, SLILG and Disaster Management Center (DMC) – Kalutara.
  4. Safety Walk with the participation of tsunami affected families, flood affected families, general public and other stakeholders
  5. Art competition to increase awareness among the schools (10 selected schools) in the areas/communities affected by flooding. The banner displayed around Kalutara regarding this program is shown below.



6. All art to be displayed at prominent road side areas in Kalutara (on either side of the road in front of the Kalutara temple)
7. Mini Exhibition near the temple with landslide display by NBRO and other displays by the stakeholder organizations
8. Leaflets on PROMISE and disaster risk reduction, posters and other information material distributed and displayed



- SLILG has been contacted regarding the courses to be developed for local government officials. Letters have been sent to SLILG and many discussions were held over the phone on how to progress with the preparation of programs for the local government officers. There has been a delay in preparation of these courses.

- Digital Flood Model being prepared by NBRO has been delayed. NBROs is completing the work related to the mapping of the flood risk areas for Kalu river with 35 of the cross sections completed to date out of the 100 to be done. The work has been delayed due to the high water levels in the river in the last few months.

### **3. Planned Vs Actual Achievements:**

#### **Planned activities**

##### **1. Hazard and Vulnerability Risk Assessment.**

- 1.1. Mapping to be completed in all villages
- 1.2. Results of the mapping to be presented to local communities and decision makers

##### **2. Training and Public Awareness**

- 2.1 Campaigns for raising public awareness
- 2.2 Disaster Safety Day events at city level
- 2.3 Institutionalization of regional course on urban governance and risk management course
- 2.4 Institutionalization of regional course on hydro- meteorological risk management and community preparedness

##### **3. Advocacy for mainstreaming risk management in urban governance**

- 3.1 Developing a network of local practitioners for experience sharing
- 3.2 Organization of national level meeting for elected members, government and local government officials.

#### **Actual Achievements**

##### **1. Hazard and Vulnerability Risk Assessment.**

- 1.1. Mapping completed in 4 villages, making the total completed number 10
- 1.2. Results of the mapping presented to decision makers in the region

##### **2. Training and Public Awareness**

- 2.1. Campaigns for raising public awareness carried out in conjunction with the National Safety Day activities
- 2.2. National Safety Day events planned at city level with all relevant stakeholders with the participation of students from 10 schools in Kalutara, tsunami and flood affected communities and international/local non governmental organizations

##### **3. Advocacy for mainstreaming risk management in urban governance**

- 3.1. Regional level meetings organized for elected members, government and local government officials.

#### **4. Problems Encountered, New Opportunity and Lessons Learned:**

At present the project has encountered problems due to lack of interest in the public for disaster risk reduction. Since the tsunami people have got use to being given material support and hence when the project doesn't provide them with material or other aid, communities show a lack of interest in participating in the programs. Some communities get disappointed with the project due to their high expectations and benefits expected. Similarly, the elected officials in the Urban Councils expect material and financial support from the projects rather than building capacity in communities to cope with future disasters. Therefore, it is a challenge to achieve the project goals with the diverse stakeholder expectations on the project.

Further, due to heavy rainfall in the month of November, 3 villages in from the selected communities were affected by flooding. These were Kalutara North, Kuda Heenatiangala and Welapura. Since, the project has no funding allocations for emergency relief work, the project staff were faced with problems when carrying out relief work in those areas. Communities were critical of the project due to its inability to respond to their needs in an emergency. Therefore, future project budgets would benefit if there were allocations for relief work within the working communities at least within the project period. It will increase public confidence in the projects and implementing organization.

SLILG and NBRO, partner organizations working in the project have been slow to carry out the agreed work. NBRO delays have been due to unavoidable circumstances related to high water levels in the Kalu River.

#### **5. Achievement towards Project Objective Indicator:**

<b>Performance Indicators</b>	<b>Base line</b>	<b>Life of project target</b>	<b>Current Quarter (Actual)</b>	<b>Achievement To Date</b>	<b>Overall Assessment</b>
<b>Adoption</b> of specific hydro-meteorological disaster preparedness and mitigation measures to manage hydro-meteorological disaster risk by stakeholders in target cities.					<ol style="list-style-type: none"> <li>1. Hazard Vulnerability and Risk Assessment</li> <li>2. Mitigation and Preparedness</li> <li>3. Training and Public Awareness</li> <li>4. Advocacy for Mainstreaming Risk Management in Urban Governance</li> </ol>
Hazard mapping and Vulnerability assessment		2007 January	Completed 62 %	Before January 2007	
Preliminary community identification and capacity building			Completed	Completed	
Preparedness and mitigation action planning workshops	May		On going	Before March 2007	
Community level project for enhanced preparedness and mitigation of impact of Hydro-meteorological events		<b>May</b>	On going	Before March 2007	
Piloting community based end –to- end early warning system.	September	October	Completed 50%	Before 2007	
Risk based urban use planning	January 2007	January 2007	Planning	January 2007	
Emergency operation Center (EOCs) established and development of “Standard Operating Procedures” (SOPs)	January 2007				
Neighborhood network of community base organization to support the function of EOCs	<b>2007 February</b>	<b>2007 January</b>	<b>Planning</b>	<b>2007 January</b>	
Participatory monitoring and evaluation community training.	<b>2006 November</b>		<b>2007 November</b>	<b>2007 November</b>	



## **6. Planned activities for next quarter:**

1. Hazard mapping and Vulnerability assessment to be completed in all the selected villages
2. Sharing of hazard mapping and ranking information with the communities, Sarvodaya Societies and capacity building for emergency preparedness
3. Preparedness and mitigation action planning workshops to be carried out at all villages
4. Community level projects planned and implemented
5. Piloting community based end –to- end early warning system with the Sarvodaya Societies
6. Development of the digital flood model with NBRO
7. Development of the disaster related courses with SLILG

## **7. An update on participating organizations and individuals:**

1. District Secretary, Kalutara – The District Secretary office has been the focal point in the National Safety Day activity planning within the city
2. Divisional Secretary, Kalutara – Under District Secretary guidance Divisional Secretary office has supported the activity coordination for National Safety Day
3. Urban Council, Kalutara – UC has been involved in the National Safety Day activities in the city and UC members have been updated on the PROMISE program
4. Kalutara Disaster Management Center – National Safety Day activities are supported by DMC and are conducted with their support
5. Sri Lanka Red Cross, Green Movement of Sri Lanka, Sewalanka Foundation, CONCERN, SLILG, NBRO and many other NGOs will partner in the National Safety Day celebrations
6. Sri Lanka Institute of Local Governance (SLILG) is preparing the course material on disaster risk programs
7. National Building Research organization (NBRO) is conducting field surveys of the Kalu River catchment to prepare the digital flood model
8. Sarvodaya Societies in Ratnapura district and Kalutara DMC are involved in the early warning mechanism planning

## **8. Other Information:**

### **Abbreviations:**

ADPC	Asian Disaster Preparedness Center
SLILG	Sri Lanka Institute of Local Governance
NBRO	National Building Research Organization
DMC	Disaster Management Center

## **9. Project Financial Status**

**Financial Report will be submitted by the Finance department.**