

## Sharing Knowledge on Disaster Warning: Community-based Last-Mile Warning Systems

*Jakarta, Indonesia*

*March 5, 2008*

### Objectives

- Discuss and obtain feedback on the findings of "Evaluating Last-Mile Hazard Warning Dissemination: A Research Project"
- Exchange lessons learned from end-to-end hazard detection and alerting systems that serve grassroots communities in India and Sri Lanka
- Merge knowledge from Indonesia to develop practical solutions for communicating risk information to rural communities
- Analyze and determine methodologies for measuring the performance of Community-based Early Warning Systems
- Commence dialogue on the development of a regional last mile warning system

### Key Words

Last-Mile, All-Hazard, Community-based, Message Relay, Information Communication Technology, Common Alerting Protocol, Disaster Resilience, South Asia

### Workshop Announcement

LIRNEasia, in partnership with Sarvodaya, is organizing a series of dissemination workshops in the South Asian region to improve and discuss the findings from "Evaluating Last-Mile Hazard Information Dissemination Research Project"; namely the "HazInfo" project. This "Last-Mile" project reflects Sarvodaya and LIRNEasia's shared objective of evaluating the suitability of information communication technologies (ICTs) for the last mile of a national disaster warning system for Sri Lanka and possible extension to other developing countries. This series of dissemination workshops aims to share knowledge among experts, community volunteers and community organizations involved in early warning activities from the Bay of Bengal Region. The knowledge-sharing event for Indonesia will take place at Hotel Borobodur in Jakarta, Indonesia in partnership with the Indonesian Institute for Disaster Preparedness (IIDP).



## 1 Day Program

Inauguration		Workshop Moderator: Mr. Kusuma Adinugroho of UNDP
0900-0910	<i>Welcome, Introduction and Workshop Objectives</i>	Chandra Lukitasari, Executive Director, IIDP & Natasha Udu-gama, Dissemination Manager - HazInfo, LIRNEasia
0910-0920	<i>Keynote Address</i>	Ir. Sri Woro B. Harijono, MSc., Kepala BMG
0920-0940	<i>Elements of a Community-Based Warning System</i>	Rohan Samarajiva, Ph.D., Executive Director, LIRNEasia
0940-0950	<i>"The Long Last Mile" documentary</i>	LIRNEasia
0950-1000	<i>Aceh Tsunami Victim Testimonials</i>	Titi Moektijasih, UNOCHA
1000-1020	<b>Refreshment and Networking Break</b>	

SESSION I Methodology, Preparedness, Training and Community Organization		
1020-1035	<i>Indonesia Experience</i>	Jan Sopaheluwakan, Ph. D., Indonesian Institute of Sciences (LIPI)
1035-1050	<i>HazInfo Sri Lanka Experience</i>	Natasha Udu-gama, Dissemination Manager - HazInfo, LIRNEasia
1050-1110	<i>Group Discussion</i>	<i>What methodologies have been used to measure effectiveness?</i> <i>What are best practices in monitoring &amp; evaluation of effectiveness?</i> <i>Are local capacities and knowledge made use of?</i> <i>Are people prepared and ready to react to warnings?</i> <i>What training is required? Who should provide it?</i> <i>Are communities organized? What is an organized community? How is organization determined?</i> <i>What roles do specific community groups play?</i>

SESSION II	First Responder Action
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1110-1125	<i>Indonesia Experience</i>	Patra Rina Dewi (KOGAMI Padang)
1125-1140	<i>HazInfo Sri Lanka Experience</i>	Nuwan Waidyanatha, HazInfo Project Manager, LIRNEasia
1140-1200	<i>Group Discussion</i>	<i>How long does it take for the decision to be made to press the “button” dispatching the warning/alert?</i>

<b>SESSION III</b> <b>Transmission of Warning to Local Levels</b>		
1200-1215	<i>Indonesia Experience</i>	Mr. Aim Zein, GTZ, Padang EWS; Drs. Sunarjo, MSc. Kepala Pusat Sistem Data dan Informasi Geofisika, Bureau of Meteorology and Geophysics (BMG)
1215-1230	<i>HazInfo Sri Lanka Experience</i>	Nuwan Waidyanatha, HazInfo Project Manager, LIRNEasia
1230-1245	<i>Group Discussion</i>	<i>How does the signal go? How long does it take? What are the problems?</i>
1245-1330	<b>Lunch</b>	

<b>SESSION IV</b> <b>Determination of Hazard from National Level</b>		
1330-1345	<i>Indonesia Experience</i>	Dr. Dirhamsyah, Director, Tsunami Research and Disaster Mitigation Center, Universitas SYIAHKUALA)
1345-1400	<i>HazInfo Sri Lanka Experience</i>	Natasha Udu-gama, Dissemination Manager - HazInfo, LIRNEasia
1400-1415	<i>Group Discussion</i>	<i>Do warnings reach all of those at risk? Are the risks and the warnings understood? Is the warning information clear and useable? Does it address all-hazards? Is there ongoing measurement for improvement?</i>

<b>SESSION V</b> <b>Next Steps</b>
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1415-1430	<i>Roles of Policy Makers, Regulators, Private Sector, &amp; Civil Society</i>	Rohan Samarajiva, Ph. D., Executive Director, LIRNEasia
1430-1445	<i>Discussion and Concluding Remarks</i>	Mr. Kusuma Adinugroho, Senior Programme Officer, Crisis Prevention and Recovery Unit, UNDP
1445-1515	<b>Refreshment and Networking Break</b>	

