



**C R E D**



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**MICRODIS**

## **Deliverable 6.2.6**

# **Field Briefs on Training and Awareness Activities taken by each MICRODIS Country Team**

**May 2009**

Prepared by:  
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Project coordinator:  
Prof. Debarati Guha-Sapir

MICRODIS Technical Officer:  
Laura Irvine

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*\*Quangnam and Morpeth sites were added later*

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## Introduction

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One of the main objectives of the MICRODIS project is to improve human resources and coping capacity in Asia and Europe through training and knowledge sharing. Thus, each country team was responsible for carrying out awareness and training activities in the communities involved in their empirical surveys along with the general research community. This has been done through conversations during surveys, distribution of information and results, meeting with local authorities, local education or training programs, information sessions, etc.

The MICRODIS project has come to the stage of finishing the fieldwork in year three. The data will be gathered in each site before the end of this year. The desire arose among the consortium partners to give back to the community for their hard labour of answering questions of all kinds. The consortium members, guided by the MICRODIS project objectives, wished to give the communities feedback of their findings, and training or awareness opportunities. The consortium upholds a policy not only to benefit the scientific community from work done in MICRODIS, but most importantly to use both the information gathered and analyzed to help benefit the affected populations themselves. An added benefit is also including the local researchers in and institutions who have or will be involved in future work in the affected areas.

The consortium partners have conducted a wide range of activities in order to provide these opportunities and feedback to the disaster-ridden populations, to create awareness and to build capacity among the affected communities. These activities are in addition to the enumerator and staff training, which have mainly been reported in other deliverable documents (D3.1.2, D3.2.2, and D6.1.7). In this report you will find the activities that were conducted by each country team in MICRODIS in the first and second year of the project in: the Philippines, Vietnam, India, Indonesia and the UK. Also included are activities planned to be conducted in these above countries by the various implementing partners of the project in year three. The activities are described per implementing partner.

## LEGEND

Partner	Code	Field Site Involved
Voluntary Health Association of India	VHAI	Orissa, India
University of Delhi	UoD	Bahraich, India
University of Indonesia	UoI	Bojonegoro, Indonesia
Citizens' Disaster Response Centre	CDRC	Albay, Philippines
Xavier University	XU	Southern Leyte, Philippines
University of Northumbria	UoN	1. Tewkesbury, UK 2. Morpeth, UK
HealthNet TPO	HNI	Morpeth, UK
Hanoi School of Public Health	HSPH	Hanoi, Vietnam
Hue College of Economics	HCE	Quangnam, Vietnam

## **1. Voluntary Health Association India**

### **A. Training and awareness activities in the communities/country - Activities undertaken**

- Meeting of different stakeholders (representative of the community, Panchayatraj Institutions and local block/ district level government officials) during MICRODIS field activities launching. One event on 4<sup>th</sup> November 2008. Number of participants 156 both male and female.
- Large group discussions in the community. Six events from 6<sup>th</sup> to 8<sup>th</sup> November 2008. Number of participants in each meeting 50 to 75 in an average, both male and female.
- Meeting of members of Self Help Groups. Seven events from 11<sup>th</sup> November to 17<sup>th</sup> November 2008. Number of participants in each meeting 20 to 25 in an average, female only.
- Training workshop for survey enumerators and Supervisors. One event from 3<sup>rd</sup> to 5<sup>th</sup> November 2008. 14 enumerators and 3 supervisors. Male and female both.
- During these activities Hoardings and Banners were displayed in different settings in both local language and English. Leaflets in local language of MICRODIS work and objectives were distributed among the participants.
- These events were covered by the local and National newspapers and electronic media, which gave the programme a wide publicity.

### **B. Training and awareness activities in the communities/country - Activities planned**

- VHAI is planning to organise a workshop of two days duration among the local community, Civil Society Organisations, members of Panchyatraj and government officials for sharing and getting feedback on survey findings. Number of participants expected: 50.
- VHAI is also to organise a capacity building programme for the same audience on disaster preparedness at the community level.

### **C. Additional comments**

- Besides these activities VHAI translated and printed the MICRODIS flyer in to local language and printed in each interview schedule in the back of the consent form. So this covered 1574 families those who were covered for survey.
- VHAI is constantly creating awareness among these community on issues of disaster preparedness and mitigation. MICRODIS survey findings will help the team in preparing a communication strategy to fill up the gaps.

## **2. Hanoi School of Public Health**

### **A. Training and awareness activities in the communities/country - Activities undertaken**

#### Training sessions

- Attending the disaster-related training - Assessing Public Health in Emergency Situations (APHES) intensive summer course in July 2008 (2 delegates).

#### Capacity building activities

- Reviewed the proposal in Hue, undertook pilot survey, the HEALTH CORE and HEALTH EXTENDED questionnaires, guideline for qualitative survey training manual with Dr Terry Canon's supports in month 20.
- HSPH also trained interviewers and pre-test instruments with Dr. Nguyen Huu Tuan's supports in month 21, organized training of interviewers on data collection in month 23, and also organized training of staffs on entry data in month.

#### Group meetings/Awareness activities in the communities

- Group meeting with authorities and local communities in Hue (Thua Thien Hue city, Quang Dien commune) for the pretest study.
- Group meeting with provincial authorities and local communities in Hanoi.

### **B. Training and awareness activities in the communities/country - Activities planned**

#### Training sessions

- Attended the disaster-related training - Assessing Public Health in Emergency Situations (APHES) intensive summer course in July 2009 (1 delegate)

#### Group meetings

- Group meeting with authorities and local communities in Hue (Thua Thien Hue city, Quang Dien commune) for the pretest study (number involved: 4 people. They helped organize meeting)
- Group meeting with provincial authorities and local communities in Chuong My (Nam Phuong Tien, Dong son) and Hoang Mai (Thinh Liet, Thanh tri) for the pretest study and data collection (6 meeting group: 2 with Provincial Authority, 4 with Commune people committee authorities and commune health unit directors. Total number involved: 30 people. They helped organize meeting, they talked to their community members, they introduced project to their community members)

#### Awareness activities in the communities/ Pamphlets/poster

- Take part in "Disaster Mitigation Day Workshop 2008 " hold by Ministry of Agriculture and rural Development Vietnam (MARD) 8th of October 2008

#### Scientific seminar

- Presentation on result of New Delhi - India trip by Vietnam MICRODIS team at Hanoi school of Public Health on 5 March 2008 (50 audience)
- Presentation on Vulnerability, Climate Change and Disasters Risk Reduction by Dr. Terry Canon, University of Greenwich at Hanoi School of Public Health on 24 Sept 2008 (46 audience)
- Presentation on "Health Impacts of Hurricane Katrina on Vietnamese New Orleanians: An (Accidental) Longitudinal Study" Dr Mark J. Van Landingham

(Tulane University School of Public Health and Tropical Medicine, USA), Hanoi school of Public Health on 24 Nov 2008 (42 audience)

- Presentation on “Climate change in Vietnam: Status and Impacts” by Dr. Nguyen Van Thang, Vice Director of Center of Meteorological and Hydrographical Vietnam, on 3 Dec 2008(56 audience)
- Presentation on “MICRODIS Annual meeting 2009” by Dr. La Ngoc Quang, MICRODIS coordinator, 12 May 2009 (46 audience).

### **3. Citizens’ Disaster Response Center**

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#### **A. Training and awareness activities in the communities/country - Activities undertaken**

- Discussion of MICRODIS Project with the Provincial Governor of Albay, the Provincial Disaster Coordinating Council Officer of Albay, the Municipal Mayor of Polangui, the OIC-Mayor of Legazpi City, and the City Disaster Coordinating Council Officer of Legazpi City on September 18, 2008. MICRODIS pamphlets were also distributed to the local government units of Albay Province, Legazpi City and the Municipality of Polangui. With these activities, CDRC team successfully clinched the approval and support of the local government officials on the survey. The local executives also gave their commitment to endorse the project to the village-level officials. Data on the survey sites like site maps, demographic profiles, socio-economic profiles, and disaster profiles were likewise provided to CDRC.
- Follow-up discussions on MICRODIS survey objectives with village-level officials in 8 survey sites (Maysua, Napo, Kinale & Balangibang in Polangui; San Francisco, Matanag, Bonga & Cabagnan in Legazpi City) were separately done from October 15 to November 10, 2008. These activities gained village-level support to the survey.
- Survey team meetings with village councils in 8 survey sites were held (Maysua on December 1; Napo on December 5; Kinale and Balangibang on December 8; San Francisco on December 12; Matanag on December 14; Bonga on December 16; and Cabangan on December 18). These meetings ---part of the standard operating procedure and conducted during the first day of entry in each survey site--- explained in detail the purpose of MICRODIS research. Technical assistance (e.g. free accommodation, roving security, local guide to facilitate locating houses) was generously provided by village officials to the survey team.
- Focus Group Discussions with 7-10 select village residents representing village officials, farmers, health, women, youth sectors were separately held in 4 ‘most affected’ survey sites: Kinale on December 8; Balangibang on December 10; Matanag on December 14; and Bonga on December 16. Village officials helped in identifying FGD participants actively ensured that those selected were in the venue on time, and offered their facilities for the FGD sessions.

#### **B. Training and awareness activities in the communities/country - Activities planned**

- Video production of MICRODIS Asia Survey Documentary (Philippines, Vietnam & Indonesia).

- Production and distribution of educational material/structured learning for disaster preparedness for children, 1,000 copies.
- Disaster curriculum development for the University of the Philippines-Iloilo.
- Production and distribution of community handbook on disaster preparedness.
- Incorporating survey results, 1,000 copies; trainers' training on same handbook.
- Dissemination of Albay survey results through 8 community fora in survey sites and 1 forum for the local government executives and disaster coordinating council officers (Provincial Government of Albay, City Government of Legazpi & Municipal Government of Polangui).
- Production and display of 150 pcs MICRODIS tarpaulin on disasters in selected schools/universities and communities in Albay Province and in the National Capital Region.
- Production of Albay Survey Experience and Results Documentary for policy recommendation.

#### **4. University of Indonesia**

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##### **A. Training and awareness activities in the communities/country - Activities undertaken**

- Dr. Mondastri K Sudaryo, MS, DSc and Mrs. Renti Mahkota, MKes had conducted regular courses of "Disaster Epidemiology" for bachelor and magister degree programs of epidemiology in Faculty of Public Health University of Indonesia.
- Dissemination of information on MICRODIS Project in coordination meeting with several other disaster centers within UoI, for the purpose of establishing more integrated Disaster Management Center at UoI level, May 2009 .
- Dr. Mondastri Korib Sudaryo, MS, DSc., and other colleagues from HRCCD, UoI have been developing collaboration with University of Muhammadiyah Jakarta and conducting short training for students of FETP (Field Epidemiology Training Program) to conduct Health Impact Assessment for dam disaster of Situ Gintung, April, 2009
- On November 2008, UoI has conducted 3-day field training for data collectors for Bojonegoro flood study. All data collectors were recruited from local community who fulfill the requirements. It was a two-way training where an active discussion between researchers and data collectors was happening.
- During the empirical surveys on November 2008, the UoI team has finally got a chance to meet and interact directly with the Village leader (formal and informal) and the member of the communities, especially the important key persons from various groups (male, female, religious leader, community leader, and local media) during the Focus Group Discussion and In-depth Interview. In these informal meetings, the team received and shared information on community's empowerment in disaster preparedness and management, lessons learned from other disaster sites, etc



- A few months prior to the data collection, (February and May 2008) the UoI team made two preparation field trips to Bojonegoro and Ponorogo, East Java provinces and Bantul, Yogyakarta. The objectives of these field trips are to capture the local context of disaster and to get insight about the post disaster conditions in the area based on the information from local government and team's direct observation in the community. In this trip, the team had also met with the Head of District Health Office, Head of District Disaster Management Unit, and Head of Community Health Services and the community to explain and disseminate the objectives of MICRODIS collaboration researches, the potential benefits of MICRODIS's result for the local government and the community, and to share experience and knowledge regarding disaster preparedness and management, as well as to encourage potential future collaboration for mutual benefits and interests.
- Dr. Mondastri Korib Sudaryo, MS, DSc, together with Dr. Valerie Louise, presented the results of first MICRODIS study in Indonesia, i.e. Jakarta Flood Study, concerning the impact of Jakarta Flood on the occurrence on Leptospirosis and DHF, in European Union side events, UNFCC international conference in Bali, December 2007
- Scientific Seminar on Jakarta Flood Study, reporting MICRODIS case-series studies on Leptospirosis and Dengue Haemorrhagic Fever (DHF), undertaken in November, 2007, involving many experts, such as, epidemiologist, demographers, public health specialist, medical specialists, meteorological and Geophysics experts from various institutions
- General scientific lecture about "Disaster Epidemiology", given by Prof. Debaraty Guha-Sapir dan Dr. Mondastri in Faculty of Public Health, University of Indonesia, May 2007
- Dr. Mondastri Korib Sudaryo, MS, DSc, and colleagues from HRCCD had conducted Trainings on Disaster Management in Aceh and Jakarta in 2007 (participants from health and medical staff from Health Offices and hospitals in Aceh and South Sumatera Provinces)

#### **B. Training and awareness activities in the communities/country - Activities planned**

- UoI had done several questionnaire pre testing at one flooded area in Jakarta. During the pre test, researchers received valuable inputs for the refinement of questionnaire from the community and the organization that specialized in assisting disaster preparedness and management. This organization was developed by one community leader who devoted himself and his family to help his community during and after the flood. UoI planned to make collaboration with this organization to conduct disaster preparedness, management, and mitigation counseling or training that will be conducted on the 3<sup>rd</sup> year period of MICRODIS.
- Dissemination research result meeting or seminar at Bojonegoro District involving the local government, hospital, and community leaders, before the end of this year
- General scientific lecture at Faculty of Public Health, UoI's to Bachelor, Master, and Doctoral student to disseminate the empiric result of surveys that has been done by MICRODIS, before the end of this year
- Produce pamphlets and brochures consisting information on how to reduce the risk of common health problems due to flood or other disasters for community.

- Conduct training on disaster management and health impact assessment related to disaster occurrence, in collaboration between HRCCD and district of Kediri, East Java provinces before the end of this year
- Continue to improve the regular courses of “Disaster Epidemiology” for bachelor and magister degree programs of epidemiology in Faculty of Public Health University of Indonesia
- Develop a majoring of Disaster Epidemiology within the Magister Study Program of Epidemiology, Faculty of Public Health University of Indonesia, by next year

## 5. University of Delhi

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### A. Training and awareness activities in the communities/country - Activities undertaken

- Team Leader and PI Prof. P.C. Joshi made presentation on “The MICRODIS Project” at India Higher Education cooperation: Boosting Social and Economic Development for a Better Tomorrow in Delhi on 12<sup>th</sup> November, 2008.
- Prof. P.C. Joshi made presentation on “Health Impacts of Floods and Windstorm: The MICRODIS Experience in Asia” at United Nation Conference on Climate Change in Poznan, Poland on 5<sup>th</sup> December, 2008.
- Three pilot studies were conducted one to Badaun District and two in Baharaich District (where final study was done) before the actual study. One of the main purposes of this final study was to interact with the locals and to get some idea of the condition of the area and people before and after the disaster. During these trips we also introduced our main objectives of the project to the district officials and local people.
- The outlines of the project were also introduced in the media which was published in the Lucknow edition on a Hindi daily- “Hindustan”.
- On 1-2 October, 2008, two day training programme was conducted by UoD team for the enumerators. All the fifteen enumerators basically belonged to nearby areas of the Bahraich site and shared the same linguistic zone as with the respondents.
- The UoD is preparing a dissemination document in Hindi entitled “Impact of Flood in context of Bahraich”. The dissemination material is in its final shape now. This includes an overview of flood problem of the site as well as major findings of the MICRODIS survey.
- 7 On March 18, 2009 a meeting was held between the MICRODIS UoD team, members from Global Forum for Disaster Reduction, India and Asian Disaster Reduction Center, Japan. The guests were introduced with the aims and objectives of the MICRODIS project and the progress made by UoD team till now. The members from GFDR also briefed about their institution and also briefed on a project "Gujarat Earthquake Recovery Study" which they are doing in collaboration with ADRC. In connection to this project GFDR wanted to collaborate with MICRODIS UoD team and also wanted guidance on the study. Members from ADRC also showed their interest in MICRODIS project and said that they would like to compare the cases like livelihood, gender, social capital and health issues, etc.

- On 21 March, 2009 another meeting was held between MICRODIS Uod team and members from SAARC Disaster Management Center. Prof. Joshi introduced and apprised of the studies being carried out under MICRODIS project which focuses primarily of the integrated health, economic and social impacts of extreme events and the related outputs expected. He evinced his willingness to share the results and the outputs of the study with the organizations and communities concerned with disaster risk reduction. Mr. Sanjay Srivastava presented a draft on "Indigenous Knowledge for Disaster Risk Reduction in South Asia" prepared by SAARC to Prof. Joshi and also mentioned about a technical session on Indigenous Knowledge to be carried out in the Asian Disaster Conference in Kuala Lumpur. Prof. Joshi desired to collaborate in organizing a conference cum workshop on a theme of mutual interest to both MICRODIS and SAARC Disaster Management Centre. It was agreed that the broad theme would be Disaster Risk Reduction with distinctive focus on Indigenous Knowledge and Coping Strategies.

#### **B. Training and awareness activities in the communities/country - Activities planned**

- UoD plans to extensively contact the community in field site Bahraich and organize meetings with the people, NGOs, community leaders, officials and other relevant stakeholders to create awareness on the issue and to stimulate healthy dialogue on the problem of floods. The tentative schedule of meetings is in the second week of June, 2009
- Papers on Disaster and Anthropology will be very soon going to be part of Masters Degree in Department of Anthropology, University of Delhi.

## **6. University of Northumbria with HealthNet TPO**

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### **6.1. Tewkesbury, UK**

#### **Comment**

The study was impacted by late confirmation that key sampling information was not to be supplied as expected. This required radical alteration of the sampling design at a late stage. The effects of this were to shift the focus of the fieldwork almost totally to the completion of the quantitative survey. However, a number of awareness activities were undertaken as set out below.

#### **A. Training and awareness activities in the communities/country - Activities undertaken**

##### Awareness activities

- Interview of survey coordinator with local radio station
- Article in local newspaper
  - a) and b) were meant to make potential respondents aware of our presence in the area but also to raise awareness of the content and importance of the project itself
- Meetings and discussion with representative of local flood action group (Severn & Avon Valley Combined Flood Group)

- Meetings and discussion with representative of local authority (Tewkesbury Borough Council)
- Meetings and discussion with flooding support services officer of local neighbourhood project (Priors Park Neighbourhood Project) funded by Rotary International in Great Britain and Ireland (RIBI)
- Meeting and discussion with local environmental health officer with private interest in residents' flood-related concerns
- Dissemination of information letters to residents and project leaflets to residents and all other people and organisations met
- Spontaneous and informal discussions of team members with local residents

The very visible presence of the survey team in the community prompted many informal discussions with residents about the work of the MICRODIS project in general and the survey and work undertaken in Tewkesbury in particular. Residents were happy to share their experiences and voice their opinions with regard to different flood-related issues that concerned them in such informal conversations.

#### Training activities

- Training of some of the interviewers was undertaken prior to travel to field location and subsequently with all but one interviewer (one of the MICRODIS Consortium) at the field location. All student interviewers had been part of a postgraduate research methods module led by the Principal Investigator. All students had been presented with MICRODIS information and used MICRODIS as an exemplar in research methods training in the University prior to (and on return from) the fieldwork.
- Community training activities could not be carried out on this occasion due to time constraints (see additional comments above). Furthermore, training and capacity building activities in the European context would have to be very specific and focus on particular aspects of flooding where difficulties have been identified, e.g. dealing with loss adjusters, to be taken up by the community. Such training is best done by experts. Data analysis of the survey data might identify areas where training activities would be beneficial to residents and this will be reviewed for the second survey in the UK (Morpeh, Northumberland).

#### **B. Training and awareness activities in the communities/country - Activities planned**

- Dissemination of summarised survey findings to Tewkesbury residents at an organised event (open day/drop-in centre) through posters, short reports/leaflets, etc.

Such an event will be held on 'neutral ground' (e.g. library) and give residents an opportunity to inform themselves about the findings of the MICRODIS survey but also to voice concerns and discuss the results with the project team. Moreover, it will contribute further qualitative information to the survey and provide feedback to the project team on how the quantitative survey was received by residents, as well as identifying concerns and issues that may not have been addressed by the questionnaire.

- Dissemination of summary report to local council, Environment Agency, local NGOs and others

It is hoped that the dissemination of results to interested parties will initiate and/or inform discussion between different groups and organisations and contribute to preparedness measures in the future that are more participatory and focused on residents' needs, and thus enhance community resilience. It is also expected to

contribute to a positive attitude to researchers generally and aid those coming after us.

- Return to meet flooding support services officer of neighbourhood project for further discussion of potential collaboration

## **6.2. Morpeth, UK**

### **Comment**

Due to the fact that many people in Morpeth were still displaced on the dates the quantitative survey was initially planned to be conducted (April/May 2009), it was deemed necessary by the UK country team to delay survey implementation until the majority of people were back in their properties. Thus, the survey is still ongoing at present (October 2009). This, to some extent, has also delayed the qualitative elements of the project. Awareness and training activities implemented so far are detailed below, as well as the further activities that are planned after the quantitative survey has been completed.

First indications (assessed through interviews and participation in community meetings) within the community point to a heightened awareness caused by the event itself and increased discussions of protective strategies among residents since the disaster occurred. There is also evidence of increased community spirit and cohesion (though this seems mainly restricted to the affected population/neighbourhoods). The UK country team aims to facilitate these processes through awareness and training activities and hopes to contribute to increased community resilience and coping capacity.

### **A. Training and awareness activities in the communities/country - Activities undertaken**

#### Awareness activities

- Presence of MICRODIS researchers at and participation in flood-related community meetings with residents and public representatives (local authority, Environment Agency, police, fire and rescue service, water services companies, etc.)
- Dissemination of information letters and MICRODIS leaflets to all flood-affected residents;
- and b) were meant to make potential respondents aware of our presence in the area, partly to increase the response rate for quantitative interviews but also to raise awareness of the content and importance of the project itself.
- Meetings, discussions and interviews with representatives of the local flood action group (Morpeth Flood Action Group);
- Meetings, e-mail contact and discussions with representatives of the Environment Agency;
- Interviews with mental health professionals;
- Interviews with Operations Director of the British Red Cross (the BRC actively participated in and also coordinated the voluntary sector contribution to restoration and recovery);
- Dissemination of project leaflets to residents and other people and organisations met;
- Interviews with flood-affected residents (28 to date) to attain in-depth information on various subjects (displacement, mental health impacts, insurance issues), but also to raise awareness about the subjects discussed among participants and motivate

further discussion within their immediate social environment, and thus contributing to raising social and disaster awareness and preparedness within the community.

#### Training activities

- Quantitative interviews are carried out by a professional survey firm. Thus, interviewer training (apart from questionnaire-specific guidance and discussion) was not necessary for the Morpeth survey.
- Training and capacity building activities in the European context would have to be very specific and focus on particular aspects of flooding where difficulties have been identified, e.g. dealing with loss adjusters, to be taken up by the community. Such training is best done by experts. Data analysis of the survey data might identify areas where training activities would be beneficial to residents and this will be reviewed after preliminary data analysis.
- One annex study (conducted by a Northumbria University MSc student in Disaster Management) looked at the use of play in the education of children about disasters. This was implemented at Morpeth Goosehill Primary School and included a general discussion and quiz, a puppet film on floods, and a learning activity (putting together an 'emergency go-bag') with quiz for the pupils of the school. There was evidence of individual learning and increased disaster risk awareness among the pupils as a result of the study.

#### **B. Training and awareness activities in the communities/country - Activities planned**

- Further and continued presence at/participation in flood-related community meetings;
- Article in local newspaper to raise awareness, give further details on the MICRODIS project and motivate residents to take part in the planned qualitative activities;
- Dissemination of summarised quantitative survey findings to Morpeth residents at an organised event (open day/drop-in centre) through posters, short reports/leaflets, etc.

Such an event will be held on 'neutral ground' (e.g. library or town hall) and give residents an opportunity to inform themselves about the findings of the MICRODIS survey and also to voice concerns and discuss the results with the project team. Moreover, it will contribute further qualitative information to the survey and provide feedback to the project team on how the quantitative survey was received by residents, as well as identifying concerns and issues that may not have been addressed by the questionnaire, which can then be taken up through qualitative methods.

- Dissemination of summary report to local authority, Environment Agency, local NGOs and others;

It is hoped that the dissemination of results to interested parties will initiate and/or inform discussion between different groups and organisations and contribute to preparedness measures in the future that are more participatory and focused on residents' needs, thus enhancing community resilience. It is also expected to contribute to a positive attitude to researchers generally and aid those coming after us.

- Further in-depth interviews with flood-affected residents;

Focus group discussions with affected residents and other groups (to be identified).

## **7. Xavier University**

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### **A. Training and awareness activities in the communities/country - Activities undertaken**

- Presentation on international Conference on Gender, Conflict and Development by Dr. Maria Teresa Sharon C. Linog. International audience from India, Pakistan, Indonesia, Thailand, Myanmar, East Timor, Philippines
- Attendance at National Environment and Health Research Forum by Dr. Maria Teresa Sharon C. Linog. Country-wide audience from the Philippines: representatives/ members of Philippine Association of Institutions for Research (PAIR) (August 1-2, 2008).
- Attendance at Regional Clusters' Response Preparedness Planning Workshop by Dr. Maria Teresa Sharon C. Linog. Audience: Regional Clusters involved in the Philippine Disaster Management System (June 11 - 13, 2008).
- Seminar workshop on "Natural Disaster and Climate Change: Its Implication to Health and Development" by XU MICRODIS Team. Audience: 100 participants university faculty and staff, students, Local Government Units, National Line Agencies, Non-Government Organizations (November 6, 2007).
- Lecture on "Natural Disasters and Its Consequences" at XU College of Engineering Faculty by Dr. Maria Teresa Sharon C. Linog (October 23, 2007).

### **B. Training and awareness activities in the communities/country - Activities planned**

- Community feedback – as part of the post-survey activities, this involve going back to the survey areas and disseminate findings of the study. This activity is envisioned as an integral part of the study as it "gives back" to the communities involved results of the study conducted.
- Barangay Disaster Management Workshop – borne as result of established linkage between the XU MICRODIS Team and the different LGU level, communities exposed to the recent severe (and by far the worst) flooding in the city and province expressed interest to partner with XU MICRODIS team for conduct of a workshop seminar to increase awareness and strengthen disaster management strategies. This is still being finalized to date as plan to involve the Department of Environment and Natural Resources (DENR) – Mines and Geosciences Bureau (MBG), Office of the Civil Defense (OCD) – Regional Disaster Coordinating Council as well XU Engineering Disaster Action Group were identified as partners. A MOA is being worked out at present.
- Distribution of pamphlets, flyers of MICRODIS (ongoing).

## **8. Hue College of Economics**

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### **A. Training and awareness activities in the communities/country - Activities undertaken**

- Team leader Tran Huu Tuan made presentation on 'Natural Disaster in Vietnam: A Synthesis from Socio-Economic Perspective' at Research on Disaster Impact in Asia and Europe at University of Indonesia, 13 October 2009.

- Bui Dung The made presentation on Climate change survey at Nordic Assistance to Vietnam's Climate Change Workshop in Hue city - September 21<sup>st</sup> to 24<sup>th</sup> 2009.
- Bui Duc Tinh attended APHES training course organized by CRED during 6-17 July 2009.
- Tran Huu Tuan made presentation on 'Adaptation Behaviours of Communities and Households to Extreme Disasters Induced By Climate Change in Central Coast of Vietnam: Towards a Set of Possible Adaptation Measures to Bridge the Gaps' at Economy And Environment Program for Southeast Asia 31<sup>st</sup> Biannual Workshop in Dalat, Vietnam, 25- 28 May, 2009.
- From 1<sup>st</sup> to 3<sup>rd</sup> of June, 2009 Hue team organized 3-day training course for the enumerators: 14 students were selected from the list of over 32 graduated students participated in the interviews which are 6 students are from Quang Nam province, the rest are from neighbour provinces.
- During 25-30 May 2009 Hue team organized 9 Focus Group Discussions (FGDs) in different administrative levels in Quangnam province, Vietnam. More particularly, one FGD organized at provincial level with 9 participants from different government agencies and mass organizations joined in this FGD; two FGDs were held at district level with 15 participants from government agencies and mass organizations involved in discussions; three FGDs were held at commune level with 22 participants from commune agencies and mass organizations of selected communes in the study area involved in these FGDs; three FGDs held at village level with 25 participants involve in these discussions.
- From 20-25 May, 2009 Hue team conducted 10 interviews with key persons who are in charge of important position in government agencies, mass or community organizations working on the themes related to climate changes. During the interviews, the team also introduced the purpose of this project. The interviews allowed collecting qualitative information about local government awareness and attitudinal responses toward the flooding impacts; set of prevention and mitigation activities adopted to reduce the adverse impacts of flood among local communities and local government at different levels; constraints and barriers in their preparedness and adaptation behaviours.
- From 1-5 June 2009, representatives from HCE including the Vice- Rector, PI, field team supervisor, and enumerator participated in video production of MICRODIS Asia Survey Documentary shot by CDRC.

#### **B. Training and awareness activities in the communities/country - Activities planned**

- 16-19 November 2009, Hue team will make presentation at Economy and Environment Program for Southeast Asia 32<sup>nd</sup> Biannual Workshop in Hanoi, Vietnam, 16- 19 November, 2009.
- Hue team is planning to organize a workshop of two days duration among the local community, Civil Society Organizations, government officials for sharing and getting feedback on survey findings. Number of participants expected: 30.
- Hue team plans to organize a specialized training workshop of 3 days for researchers,



NGOs staff, and government staff in the field of community based climate change adaptation and socio-economic impact assessments for extreme disasters. Number of participants expected: 25.

- Synthesize the methodology for lecturing; Prepare lectures, case studies for Bachelor degree of Environmental and Resource Economics program at Faculty of Economics and Development Study, HCE, by next year.
- Prepare a short write up on EARLY WARNING SYSTEM for climate change related disasters: how it works, its effectiveness and how to scale this up, and dissemination.

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