



Handicap International

Mainstreaming disability in Disaster Risk Management initiatives

Indonesia & the Philippines

Indonesia: *West Timor Island, Nusa Tenggara Timor Province, Kupang district & Timor Tenggara Selatan district*

The Philippines: *Metro Manila, Bicol Region-Catanduanes Province, Municipalities of Caramoran and San Miguel & Albay Province*

June 1st 2010 - August 31st 2011

Components: Disability mainstreaming, CBDRM, capacity-building, advocacy

Result1- In both countries, Key local stakeholders in Disaster Risk Management have increased their knowledge on disability and mainstreaming disability in DRM

- 1.1 With the participation of the local stakeholders, to adapt the existing training modules ("How to mainstream disability issues in CBDRM") and sensitization tools to the Indonesian and Philippines contexts and publish them.
- 1.2 To finish defining the target groups for trainings and evaluate their precise training needs to best adapt the training contents and methodologies, to formalize agreements.
- 1.3 To properly disseminate the information at local, and national levels.
- 1.4 To collect and publish best practices and lessons learnt in a participative way with the different partners; formalize them in a publication and to release the outputs through workshops at local and national levels.

Result 2- Support the integration of disaster risk management (DRM) in local governance and development

- 2.1 Support Provincial Disaster Management Office (PDMO) creation and capacity-building
- 2.2 Awareness-raising on DRR and its link to sustainable development of local chief executives, local development planners, and disaster managers at provincial, municipal, and barangay levels
- 2.3 Support and sustain Coordination Mechanisms in among and between DCCs at provincial, municipal, and Barangay levels
- 2.4 Awareness-raising and Trainings for the Media and Private/Business Sector
- 2.5 Support formulation, adoption, application and testing of Disaster Preparedness Plans at the Barangay level
- 2.6 Support for the integration, synchronization, and testing of School and Barangay Disaster Preparedness Plans including EWS

Result 3- In both countries, PWD are effectively integrated in the targeted areas' Community Based Disaster Risk Management activities

- 3.1 To conduct deep assessments to develop detailed and tailored training programs (schedule, content, selection of participants in the organizations...) and to formalize MOU
- 3.2 To implement appropriate training plans for each partners
- 3.3 To accompany and monitor the effective inclusion of persons with disabilities in the activities implemented by the partners who benefited from trainings.
- 3.4 To support the participation in the partners' activities of motivated persons with disabilities via the delivery of appropriate specific individual support (needs assessment, distribution of assistive devices, therapeutic care...).
- 3.5 To raise the targeted communities awareness on disability, specific needs and aptitudes of persons with disability and the need of mainstreaming them in DRR; to provide large information on the project activities and outputs.
- 3.6 To organize an inter-program exchange of practices and experiences in the Philippines, with

representatives of HI Philippines, HI Indonesia and representatives of the local organizations partners in the project.

Result 4- A task force of disability focused organisations is prepared 1/ to meet PWD's specific needs in case of a natural disaster (Philippines) and 2/ to do guidance on how to mainstream disability in disaster preparedness (Indonesia)

4.1 To evaluate and identify the staff to be trained (15 in Philippines, 9 in Indonesia).

4.2 To organise appropriate trainings for the task forces:

4.3 **In Philippines, to pre-position emergency stocks** within at least 2 organisations' premises including specific assistive devices for PwDs and elders and other extremely vulnerable with specific needs (bed ridden).

4.4 In Philippines, to document the lessons learnt and elaborate a training module for including disability issues in disaster response. In both countries, to largely inform all the stakeholders about these task forces through all appropriate means.

Links to previous outputs on DRR & CCA

- "[Mainstreaming Disability into Disaster Risk Reduction](#)" A Training Manual, "Inclusive Early Warning System" A Brochure, "Barrier Free environment for the shelter management" A Guideline for the DRR agencies and communities, "Mainstreaming Disability in Community Disaster Risk Reduction" Training Manual for Trainers & Field Practitioners, "Mainstreaming Disability in Community Disaster Risk Reduction" Facilitator's guide, developed by HI and publication funded by the European Commission (ECHO) under 4th DIPECHO South Asia Action Plan.
- "Drowning Sand and the Holy Banana Tree" Study Findings an Indigenous Knowledge, Community Coping Mechanism and Disability, "Community Resource Mobilization for the participation of Persons with Disabilities in Social Life", Capitalization and Lessons learning of the Project Study by HI and publication funded by the European Commission Directorate General for Humanitarian Aid (ECHO) under 3rd DIPECHO South Asia Action Plan.

Planned products

Posters, Leaflet, Quarterly Newsletter (Indonesia), Knowledge Attitude and Practices Survey, training module for including disability issues in disaster response (Philippines), Lessons learnt & Best Practices (Indonesia & Philippines)

Focal points, partner agencies and institutions:

Indonesia

- Dinas Sosial Provinsi Nusa Tenggara Timur, Dinas Sosial Kabupaten Timor Tenggara Selatan & Kabupaten Kupang, Center for Improving Qualified Activity in Life of People with Disabilities (CIQAL) & Yayasan Kristen Untuk Kesehatan Umum Emergency Unit (YEU)

Philippines

- Accion Contra El Hambre (ACF Spain), Simon de Cyrene

About Handicap International: Handicap International is an independent international aid organisation working in situations of poverty and exclusion, conflict and disaster. Working alongside persons with disabilities and other vulnerable groups throughout the world, our action and testimony are focused on responding to their essential needs, improving their living conditions and promoting respect for their dignity and their fundamental rights. With a network of eight national associations (USA, Belgium, Canada, France, Germany, Luxembourg, Switzerland, and UK), Handicap International, founded in 1982 and co-recipient of the Nobel Peace prize in 1997, has programs in 60 countries and acts in both emergency and development situations. .
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Project supported by the European Commission Humanitarian Aid & Civil Protection department (ECHO) through its Disaster Preparedness Programme (DIPECHO)



Consortium Partners - Christian Aid and CARE Nederland

Partners - Corporate Network for Disaster Response, Agri-Aqua Development Coalition, Assistance and Cooperation for Community Resilience and Development Inc., Coastal Community Resources (COASTAL CORE) and Livelihoods Development, Inc., Marinduque Council for Environmental Concerns (MaCEC), Social Action Center - Northern Quezon

Advancing Safer Communities and Environments against Disaster (ASCEND)

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| <ol style="list-style-type: none"> 1. Municipality of Jomalig in Quezon province 2. Municipalities of Boac, Mogpog, Sta. Cruz, Torrijos, Buenavista and Gasan in Marinduque province 3. Municipality of Calabanga in Camarines Sur province | <ol style="list-style-type: none"> 4. Municipality of Rapurapu in Albay province 5. Municipality of Saint Bernard in Southern Leyte province 6. Municipality of Maragusan in Compostela Valley province |
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June 2010 - September 2011

CBDRR, Climate Change Adaptation, public-private partnership, DRR in community economic development, DRR in schools, institutional linkages and advocacy, IEC, small-scale mitigation measures

Result1- LGUs, people's organisations, and corporations have consolidated project gains, replicated sustainable disaster risk reduction activities, and institutionalised DRR.

- 1.1 Institutionalisation of DRR in three municipalities.
- 1.2 Supporting DRR capacity building of Southern Leyte PDCC.
- 1.3 Implementation of 6 small-scale mitigation projects with emphasis on natural resource management
- 1.4 Implementation by 3 municipalities of CBDRR activities in 19 communities and conduct of trainings for committees of disaster coordinating councils.
- 1.5 Completion of the process of integrating DRR in community economic development in 1 municipality.
- 1.6 Strengthening private sector support to CBDRR
- 1.7 Sustaining youth volunteers' participation and enhancing capacities of community facilitators in three municipalities.

Result 2 - Local officials at the municipal and provincial levels infuse DRR and CCA elements into their Annual Investment and Development plans, and approve policies supporting DRR and CCA initiatives.

- 2.1 Review of contingency and evacuation plans in 6 pilot barangay
- 2.2 Conduct DRR/CCA/DRM bill/CC law training and MDP orientation in 8 municipalities
- 2.3 Conduct of the Participatory Capacities and Vulnerabilities Assessment (PCVA)
- 2.4 Participate in the local development planning processes
- 2.5 Conduct Basic Life Saving and Emergency Support capacity building activities

Results 3 - Public schools in three municipalities invest in the creation of safer schools and in mainstreaming DRR in the school curriculum.

- 3.1 Scaling up of training of teachers, classroom discussion, contingency planning, drills and school competitions in 49 public schools.
- 3.2 Collaboration with DepEd and other stakeholders on the formal integration of DRR in the school curriculum.
- 3.3 Development of private sector partnership supporting the safe schools campaign.

Result 4 - Agreements between municipal governments and service providers in the mainland are reviewed and updated, or forged.

- 4.1 Install a communication and information system between small-island municipal governments and mainland service providers
- 4.2 Formalise Memorandum of Agreement with the National Food Authority

Result 5 - All project stakeholders and key DRR actors proactively develop a common DRR/CCA agenda, actively practice learning and sharing of DRR tools and knowledge, and coordinate at the national and field levels to improve the quality of, and to promote DRR.

- 5.1 Document and disseminate the experiences and good practices in DRR and the small-island DRR experience
- 5.2 Supporting coordination and learning mechanisms at the local, provincial and national levels.
- 5.3 Conduct of participatory monitoring and evaluation
- 5.4 Disseminate small-island DRR experience and learning to relevant stakeholders
- 5.5 Conduct an Inception Project Team DRR/CCA Audit Workshop
- 5.6 Conduct regular Consortium meetings
- 5.7 Hold DRR and CCA agenda building sessions

Links to previous outputs on DRR & CCA

1. Building Disaster Resilient Small Island Communities Project 2010 calendar
2. *Pagsasanay sa Disaster Preparedness at Contingency Planning* (training manual on disaster preparedness and contingency planning, 4 volumes, in Filipino)
3. DRR Success in Progress and Lessons Learnt: the ACCORD project in Saint Bernard (case study)
4. Disaster Risk Reduction in Calabanga, Camarines Sur in the Philippines: successes and lessons learnt (case study)
5. *Handa ka na ba?* (climate change episode) video production on climate change targeting children

Planned products

1. A toolkit highlighting the approaches, strategies and DRR tools for small-island DRR
2. A book synthesising the ACCORD model for building the DRR capacities of communities, schools and local government units
3. A publication documenting and demonstrating good practices in the private sector in emergency response and disaster risk reduction.
4. A fact sheet on small island needs for DRR and CCA and samples of policy briefs on sectoral integration of DRR and CCA
5. A working paper on DRR/CCA agenda of civil society organisations in the Philippines

Focal points, partner agencies and institutions:

Agri-Aqua Development Coalition
Assistance and Cooperation for Community Resilience and Development Inc.
CARE Nederland
Coastal Core Sorsogon (CCS)
Corporate Network for Disaster Response
Marinduque Council for Environmental Concerns (MACEC)
Social Action Center-Northern Quezon (SAC-Northern Quezon)

Municipal Local Government Unit of Calabanga, Camarines Sur
Municipal Local Government Unit of St. Bernard, Southern Leyte
Municipal Local Government Unit of Maragusan, Compostela Valley
Municipal Local Government Unit of Rapu-Rapu, Albay
Municipal Local Government Unit of Jomalig, Northern Quezon

Municipal Local Government Unit of Boac, Mogpog, Sta. Cruz, Torrijos, Buenavista, and Gasan in Marinduque
Local Government Units of Sorsogon City, Infanta and Lucena City
Provincial Disaster Management Office, Southern Leyte
Provincial Government of Marinduque

Mines and Geosciences Bureau (MGB)
Philippine National Red Cross (PNRC)
Philippine Institute of Volcanology and Seismology (PHIVOLCS)
Philippine Atmospheric Geophysical and Astronomical Services Administration (PAGASA)
Department of Interior and Local Government
Department of Education
National Disaster Coordinating Council (NDCC)

About the Consortium: The consortium is composed of Christian Aid and CARE Nederland, and their partners. Christian Aid is an international development organisation working on Disaster Risk Reduction and Climate Change Adaptation, Urban Poverty, Mining and Indigenous Peoples, and Challenging Unjust Economic Policies. Christian Aid builds partnerships with local and national based organisations with varying degrees of expertise. Its core programmes help enhance its partners' existing capacities so they can carry out their own programs and work for their own advocacies. CARE Nederland is a Dutch foundation and a member of CARE International, an international federation of twelve development aid organisations working around 60 country offices in developing countries to collectively fight poverty. The country offices work together with local partner organisations to achieve better living conditions of vulnerable households, giving focus to women and girls. CARE Nederland focuses on two themes: Peace building and Disaster Risk Reduction.

In ASCEND, Christian Aid and CARE Nederland partners with the Coastal Community Resources and Livelihoods Development, Inc. (Coastal Core), Social Action Center (SAC)-Northern Quezon, Marinduque Council for Environmental Concerns (MaCEC), Assistance and Cooperation for Community Resilience and Development Inc. (ACCORD), Corporate Network for Disaster Response (CNDR), and the Agri-Aqua Development Coalition-Mindanao (AADC).

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German Red Cross *in consortium* with Spanish Red Cross

Philippine Red Cross

Integrated Community Disaster Preparedness Program (ICDPP) in four provinces of Philippines

The Philippines

Province of Palawan - Municipalities of Taytay, Brooke’s Point and Bataraza (30 barangays).

Province of Antique - Municipalities of Hamtic and Tibiao (10 barangays).

Province of Camarines Sur - Municipalities of San Fernando and Garchitorea (10 barangays).

Province of Camarines Norte - Municipalities of Mercedes and Vinsons (10 barangays).

June 2010 – August 2011

Components: CBDRR, DP in schools, advocacy and institutional strengthening

Result 1: BDAT established, trained and able to engage and mobilize communities in DRR activities, developing community actions plans and sustainable small-scale mitigation measures

- 1.1 Conduct selection and training of 20 new BDAT (180 members) in DRR and community mobilisation
- 1.2 Refresher training to 30 existing BDAT (270 members) in Brooke’s Point and Taytay, Palawan and Garchitorea, Camarines Sur
- 1.3 Provide personal and team equipment according to PRC standard list to BDAT members in 20 barangays
- 1.4 Reproduce dissemination materials: DM volunteer toolkits, DP posters, leaflets and flipcharts.
- 1.5 Conduct baseline survey, comprehensive HVCA process and monitoring activities to assess hazards, vulnerability and capacity in 50 communities
- 1.6 Implement mobilization, sensitization and awareness raising activities on DRR & the effects of Climate Change, developing Barangay Disaster Action Plans and Early Warning systems based on HVCA analysis and according to agreed local needs and priorities
- 1.7 Definition and implementation of at least 20 small-scale mitigation measures together with the beneficiaries and local authorities responsible

Result 2: Selected teachers and students able to impart general knowledge on hazard awareness, climate change and DRR at schools, and to render basic first aid, mobilizing school students and parents in extra-curricula DRR-related activities

- 2.1 Re-assessment and identification of at least 3 teachers (focal teachers) and 15 students (peer-multipliers) per each of the 85 targeted schools.
- 2.2 Conduct training of new 153 focal teachers in DRR-Climate Change, First Aid and school mobilization.
- 2.3 Conduct refresher courses for existing 102 already trained teachers in 50 schools in Palawan.
- 2.4 Provide first aid kits for new 60 schools and personal first aid kits for new 153 focal teachers, assuring maintenance and refilling by LGU, DepED or beneficiaries as part of planned MoUs.
- 2.5 Reproduce dissemination and teaching materials: Booklet-comic “Guide for Preparedness”, DM volunteers toolkits, leaflets, posters and flipcharts.
- 2.6 Implement extra-curricular activities involving schools population, parents and trained BDAT: actions days, youth first aid aiders, drills and simulations, youth gatherings and dissemination campaigns.
- 2.7 Conduct monitoring activities and pre- and post training tests to assess students’ learning progress.

Result 3: Existing local DM structures reinforced at barangay, municipal and provincial level, strengthening coordination and cooperation between communities, LGUs and PRC chapters.

- 3.1 Build capacity of PRC staff and volunteers through Induction & Planning workshop in four Chapters.
- 3.2 Conduct training of 30 Trainers (ToT) in Antique and Camarines Norte to enable PRC volunteers to co-facilitate DRR activities in Communities and Schools.
- 3.3 Conduct socialization of the ICDPP activities to targeted 60 communities and 85 schools as well as related LGUs, BDCC, MDCC and DepED.
- 3.4 Seek agreements and regular meetings with related governmental structures to secure continued support for ICDPP activities, integrating BDCC members and other LGU officers in planned community and schools activities.
- 3.5 Conduct multi-sectoral workshops to integrate BDAPs, EWs and DRR activities in schools into LGUs annual disaster and development plans.
- 3.6 Capacity building PRC team and selected BDAT volunteers and teachers through cross-visits / trainings in other DRR/DM programs in the area.

- 3.7 Establish four small-scale stocks for PRC Disaster Action Teams in the Chapters Palawan, Antique, Camarines Sur and Camarines Norte.
- 3.8 Participate in DIPECHO consultative process and joint activities with other partners in Philippines as well as in relevant regional programming and practitioner forums, supporting coordination and standardization initiatives.
- 3.9 Conduct one MONEV in each chapter and at least one joint Lesson Learned workshop with involved partners at the end of project.

Links to previous outputs on DRR & CCA

- Support development of new DM Bill, activate and strength Disaster Coordination Councils reinforced with 50 Disaster Action Teams, developing effective Disaster Action Plans and Early Warning Systems at barangay and municipal level.
- Consolidate Disaster Preparedness extra-curricula activities in 85 schools, training of teachers and students, advocating for insertion of DRR educational materials and methodology in DepED curricula.
- Continue implementation of small-scale, non-structural and co-funded mitigation projects linked with DRR and Climate Change Adaptation.

Planned products

- Comic-booklet "Guide for Preparedness" (with specific chapters related to CCA and EWS)
- Volunteer tool-kits (comprised of 11 brochures on DP and DRR).
- Flipcharts, posters and leaflets (dissemination and educational materials).

Focal points, partner agencies and institutions:

- Disaster Coordinating Councils (at barangay, municipal, provincial and national level)
- Local Governmental Units (LGU)
- Department of Education (Provincial/Division Offices).
- Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).
- Philippine Institute of Volcanologist and Seismology (PHIVOLCS).
- Department of Environment and Natural Resources. Mines and Geosciences Bureau (MGB).
- BDAT Federation and Youth School Councils.
- DIPECHO partners: ACF, OXFAM, CARE, Save the Children, Christian Aid, GTZ and Handicap International.
- Asian Disaster Preparedness Centre (ADPC).
- International Federation of Red Cross and Red Crescent (IFRC).

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German Technical Cooperation, GTZ

Provincial Governments of Northern Samar and of Leyte

15 Local Government Units in Region 8

Strengthening DRM Integration into Local Development Initiatives in the Eastern Visayas Region, Philippines

Republic of the Philippines: Six watersheds in Northern Samar, Eastern Samar, Leyte, Southern Leyte

July 2010 - September 2011

Components: Flood modelling, EWS, LGU capacity-building

Result 1: Enhancement of FEWS

1. Correction of errors of the Global Digital Elevation Model (ASTER) in order to get a model suitable for flood modelling.
2. Data gathering and installation of computer software for flood modelling.
3. Training of LGU staff in running the flood modelling software.
4. Use of different Climate Change scenarios to calculate the possible influence on floods.
5. Distribution of maximum calculations to land use planners and political decision makers
6. Material GTZ support for drills and preparedness training in high risk barangays.
7. Analysis of very destructive but rarely occurring hazards with respect to their exact geographic distribution, frequency and magnitude/severity.
8. Modification of the existing FEWS to include flash flood and storm surge warnings in selected high risk areas with the technical assistance of PAGASA.
9. Introduction of early detection methods of high probability situations for rain-induced landslide-prone areas and connection to the FEWS.
10. Linking existing FEWS to tsunami warnings coming from the Pacific Tsunami Warning Center (PTWC) via PHIVOLCS for coastal areas.
11. Inclusion of persons with disabilities into the communication chain.
12. Extensive awareness raising for different natural hazards and different warning schemes
13. The Operation Centers and DCCs of the FEWS will get additional equipment and training with regards to the new hazards and improved communication.
14. Purchase of rescue equipment for the OCs/LGUs to deal with additional tasks

Result 2: LGUs are provided with hazard mitigation measures

1. Development of proposals by LGU and their implementation with the assistance of GTZ; Likely activities: slope stabilization with low tech methods, river bank stabilization for erosion prevention, tree planting to increase the water retention capacity, improvement of drainage systems.

Result 3: Awareness of local natural hazards and disaster risk reduction options is raised

2. Briefing of newly elected political decision makers on DRM and how they can actively contribute to reducing risks in their constituencies in the third quarter of 2010.
3. Information of inhabitants of areas rarely frequented by severe impact hazard events in the target municipalities about these hazards and how to cope with them.
4. Awareness raising of residents of exposed municipalities regarding the possible influence of climate change on natural hazards.
5. Distribution of IEC material to community institutions in risk areas.

Result 4: DRM capacities of LGUs are strengthened

1. Climate change and its influence on hydro-metrological and geo-hazards
2. Hazard identification and assessment (scientific methods, community-based methods)
3. Vulnerability identification and assessment (vulnerability curves, social vulnerability, etc.)
4. Risk calculations (single hazard risk, multi-hazard risk, probability, severity)
5. Damage assessments (standardization of procedures, calculations, projections, secondary effects)
6. Cost benefit analysis of DRM interventions
7. Interpretation of hazard maps (sources of maps, probability, severity)
8. GIS, use of remote sensing for spatial planning
9. Land-use zoning (hazard-sensitive planning, conditions for certain land use, vital installations)
10. Integration of DRM into Comprehensive Land Use Plans (CLUP) and Comprehensive Development Plans (CDP)
11. Project assessment (influence of projects on natural hazards, influence of natural hazards on projects).

12. Operationalization of the NEDA guidelines to enhance subnational planning processes (Integration of DRM into Regional/ Provincial Development and Physical Framework Plans (R/PDPFP).
13. Organizational support for the establishment of local Disaster Risk Reduction Management Offices (incl. hardware) and strengthening of operating DCCs (incl. hardware).

Links to previous outputs on DRR & CCA

Establishing a Flood Early Warning System Using Space-based Information	Slides (PDF)	September 2008	Presentation at a conference in Fiji	http://www.oosa.unvienna.org/pdf/unspider/Fiji2008_presentations/18%20-%20NEUSSNER%20-%20GTZ%20FEWS%20Philippines.pdf
Utilization of Satellite-Based Land Use Maps for the Production of Natural Disaster Risk Maps in Leyte, Philippines	scientific article (PDF)	1 March 2010	Describes how GTZ quantified vulnerability, hazard and risk in Leyte, 12 pages	http://www.planet-action.org/automne_modules_files/polyProjects/public/r6606_93_gtz_full_paper_-_final.pdf
Flood Warning Levels	Slides (PPT)	2009	4 slides with instructions for Operation Center, LGU, brgy	http://www.planet-action.org/automne_modules_files/polyProjects/public/r3901_93_warning_levels_binahaan.ppt
Binahaan Flood Early Warning System	Poster (JPG)	2009	Poster with the lines of communication	http://www.planet-action.org/automne_modules_files/polyProjects/public/r3904_93_binahaan_fews_communication.jpg
Physical Vulnerability of Land Uses	maps (JPG)	2010	3 maps of vulnerabilities in Leyte	http://www.planet-action.org/automne_modules_files/polyProjects/public/r5888_93_leyte_vulnerability.jpg
Manual, Local Flood Early Warning Systems, Experiences from the Philippines	handbook (PDF)	Oct. 2009	100 pages	http://www.planet-action.org/automne_modules_files/polyProjects/public/r5886_93_gtz_phil_lfews_manual_dec09_low_res.pdf
Reducing flood risks caused by expected effects of Climate Change in the Eastern Visayas, Philippines	report (PDF)	Dec 2009	Year end report for Planet Action, 2 pages	http://www.planetaction.org/automne_modules_files/polyProjects/public/r5912_93_philippines_feedback_2009.pdf
Reducing flood risks caused by expected effects of Climate Change	presentation (PPT)	2008	4 pages presentation about the Planet Action – GTZ project	http://www.planetaction.org/automne_modules_files/polyProjects/public/r3108_93_planet_action_gtz_project_brief.ppt
Using Geoinformation Technology for the Establishment of a Local Flood Early Warning System	scientific article (PDF)	Dec. 2008	overview on how to use satellite technologies for FEWS, 5 pages	http://www.planetaction.org/automne_modules_files/polyProjects/public/r3109_93_olaf_neussner_allen_molen_thomas_fischer_conference_bangkok_dec08.pdf

Planned products

Correction method for ASTER-GDEM

Flood models

IEC material concerning additional hazards for EWS

Contribution to manuals integrating DRM/CCA into spatial and development planning

Focal points and partner agencies or institutions:

Office of Civil Defense (OCD) - focus on emergency management, training

Department of Interior and Local Government/National Economic Development Authority - focus on mainstreaming DRM into local governance, developmental and spatial planning

Department of Science and Technology bureaus PAGASA/PHIVOLCS and DENR's Mines and Geo Science Bureau. - focus on technical solutions to DRM

Provinces, municipalities and barangays (coordination with the respective DCCs and other relevant local department and offices of the local government) - focus on Flood Early Warning Systems

About German Technical Cooperation, GTZ:

The Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) is a federally owned organisation. GTZ works worldwide in the field of international cooperation for sustainable development and provides viable, forward-looking solutions for political, economic, ecological and social development in a globalised world. Sometimes working under difficult conditions, GTZ promotes complex reforms and change processes. Its corporate objective is to improve people's lives on a sustainable basis.

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