

ECHO/DIP/BUD/2010/04004

“Providing Geographical Information Systems (GIS) technical support for Disaster Risk Reduction programmes implemented by DIPECHO partners in the South East African and South West Indian Ocean region”.

Training in Salima, Malawi.

14 participants from four different NGOs (COOPI, Christian Aid, EAM, GOAL) and governmental Institutions (DoDMA, Ministry of the Environment) and international organizations (WFP) have been trained in Salima (Senga Bay, 30.11-4.12.2010) on:

- Concepts of GIS/Remote Sensing (Geoinformation) in the domain of Disaster Risk Reduction;
- Concepts of vulnerability, hazard and risk;
- Introduction to GPS and GIS software;
- Methodology on participatory vulnerability community mapping (with hands on exercise).

Participants discussing the benefits and challenges of participatory (mapping approaches) at the community level.



Community member starting to demarcate features on the IKONOS satellite map.



Features identified and mapped.



Final map and group photo of community members and participants.



Training in Sambava (Madagascar)

After the training in Malawi we moved to Sambava in the North-East of Madagascar. 26 participants of the NGOs (MedAir, CARE and Médecins du Monde) have been trained on the following issues:

- Concepts of GIS/Remote Sensing (Geoinformation) in the domain of Disaster Risk Reduction;
- Concepts of vulnerability, hazard and risk;
- Introduction to GPS and GIS software;
- Methodology on participatory vulnerability community mapping (with hands on exercise).

The training took place in Sambava between the December 13 and December 17, 2010. The community exercise took place in Bamanevika, which is often affected by floods and cyclones.

The seminar venue in Sambava at the office of Médecins du monde.



Alban showing results of already conducted GIS analysis in regard to disaster risk reduction and health in NE Madagascar.



Alex Castellano - coordinator of our regional project - explaining the purpose of the training and exercise.



Community members exploring the village of Bamanevika on the GeoEye satellite image.



Again, a copy of the map is made, which remains with the community after the exercise.



Map produced during the training-



An identification of vulnerability factors and its weighting has been performed.



Community members and the participants of the training.



Training in Nampula (Mozambique)

After the training series in December in Malawi and Madagascar, another training was conducted in Nampula, Mozambique. Members of different NGOs (CARE, Oikos, German-Agro Action, CAFOD) and INGC participated in this 5 day training. Again the focus of the training was on the following topics:

- Concepts of GIS/Remote Sensing (Geoinformation) in the domain of Disaster Risk Reduction;
- Concepts of vulnerability, hazard and risk;
- Introduction to GPS and GIS software;
- Methodology on participatory vulnerability community mapping (with hands on exercise).

The training took place in Nampula between April 18 and April 22, 2011. The community exercise took place in Cabaceira pequena, which is often affected by floods and cyclones.

Participants from different NGOs participating in the training in Nampula.



Peter is explaining the benefits of using Geoinformation in the context of Disaster Risk Reduction.



Group exercise on concepts in DRR.



Members of the local Risk Committee during the mapping exercise based on Geoeye data.



Through the NGO Oikos: A large, concrete and painted community map has been established at the community.



For more information, please visit the action websites www.gi4drr.org and www.gi4drrdb.coopi.org