

## **NIDECO**

Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich Network for International DEvelopment and COoperation

## Community based risk management Workshop Zurich, October 3 – 5, 2006: Program

Venue of the workshop: Swiss Federal Institute of Technology, CAB G 56

Time	Tuesday, October 3
09:00 - 10:30	Welcome Address Prof. Michael. Faber, Chair Risk and Safety, ETH Zurich Opening Address Dr. Barbara Becker, Executive Manager NIDECO
	Presentation of the joint ETH/AIT/ADPC/UoP initiative "Sustainable Management of Natural Hazards in the Region of South-East Asia and South Asia". Role of and contribution to community-based risk management in the context of the initiative. <i>Prof. Michael. Faber, Chair Risk and Safety, ETH Zurich</i>
11:00 - 11:30	Coffee Break
11:30 - 13:00	The current challenges for the Department of Disaster Prevention and Mitigation (DDPM) and the consequences of disasters <i>Dr. Montree Chanachaiviboonwat, DDPM</i>
	Tsunami Early Warning Arrangement in Thailand: From Policy to implementation <i>Dr. Cherdsak Virapat, Chief Int. Coordination, NDWC</i>
	Questions and answers and open discussion
	Reactions from the invited participants on the given presentations, including:
	Mutual expectations about the workshop
	<ul> <li>Present situation, needs and priorities in management of natural hazards and in community-based risk management in Thailand</li> </ul>
13:00 - 14:30	Lunch Break (Asia Mensa)
14:30 - 15:150	General introduction of the software tool RiskPlan: A pragmatic approach to risk assessment based on the example of natural hazards <i>Dr. Peter Greminger, Risk- and Forestmanagement, Federal Office for the</i> <i>Environment, Bern</i>
15:15 – 16:00	Presentation of the software-tool RiskPlan based on a case-study in a Swiss valley facing multi-hazard risks Hans Merz, Ernst Basler + Partner, Ltd, Zollikon Peter Gutwein, GRSoft GmbH, Büsingen
16:00 – 16:30	Coffee Break
16:30 - 17:30	Continuation of RiskPlan presentation
	Questions and answers and open discussion
19:30 - 21:30	Dinner: Restaurant Linde Oberstrass, Zurich

Time	Wednesday, October 4
08:30 - 10:000	Case Study Kam Phuan, moderated by
	Hans Merz, Ernst Basler + Partner, Ltd, Zollikon Peter Gutwein, GRSoft GmbH, Büsingen
	• Drawing of preliminary hazard maps of the area based on the local knowledge of the workshop participants
	<ul> <li>Outline of a multi-hazard scenario (tsunami, floods, landslides) in Kam Phuan, Ranong Province</li> </ul>
	<ul> <li>Determination of hazards, affected areas, affected population, estimation of risks and determination of risk reducing measures</li> </ul>
10:00 - 10:30	Coffee Break
10:30 - 12:00	Continuation Case Study Kam Phuan
12:00 - 13:00	Lunch Break (CAB Mensa)
13:00 - 15:00	Bus trip to an alpine valley in central Switzerland
15:00 – 18:30	Excursion program, leaded by: Josef Hess, Chief Advisor of Section Natural Hazard, Forest and Land Use Agency, Canton Obwalden
	<ul> <li>Natural hazards in an alpine setting in Switzerland</li> </ul>
	Impacts of a flash flood with debris flow of August 2005
	Disaster recovery organization
	Measures to reduce vulnerability and enhance resilience
	Early warning and alert organization
18:30 – 20:30	Dinner: Restaurant Kreuz, Obwalden
20:30 - 22:00	Bus trip to Zurich

Time	Thursday, October 5
08:30 - 09:30	Review of results of case study Hans Merz, Ernst Basler + Partner, Ltd, Zollikon Dr. Peter Greminger, Federal Office for the Environment, Bern
09:00 - 10:30	Reactions and conclusions of the RiskPlan case study. The following questions will be addressed:
	<ul> <li>Does RiskPlan meet the needs for community based risk management in Thailand?</li> </ul>
	<ul> <li>How should a decision-support tool - customized to the needs and priorities for risk exposed communities in Thailand – look like?</li> </ul>
	• What kind of adaptations would be necessary to customize RiskPlan to Thai conditions and circumstances?
	Moderated by Prof. Klaus Seeland, Institute for Environmental Decisions, and Dr. Jochen Köhler, Institute of Structural Engineering
10:30 - 11:00	Coffee Break
11:00 - 12:30	Continuation of discussion about reactions, outcomes and conclusions
12:30 - 14:00	Lunch Break (Dozentenfoyer)
14:00 - 16:00	Discussion of follow-up:
	Depending on the outcomes and the conclusions of the workshop, the following questions will be addressed:
	<ul> <li>What are the capacity development needs in community based risk management in Thailand?</li> </ul>
	• What kind of support can the ETH Zurich deliver in decision-making for the management of risks due to natural hazards in Thailand?
	<ul> <li>Planning of a community based risk management workshop in Thailand with an adapted version of RiskPlan or – if more appropriate – with an alternative approach.</li> </ul>
	• Contribution to community based risk management in Thailand in the context of the joint ETH Zurich/AIT/ADPC/UoP initiative "Sustainable management of natural hazards in South and South-East Asia"
	• Outline of further collaboration between ETH Zurich/AIT/ADPC and the Thai Administration in the risk management sector
	Moderated by Dr. Jochen Köhler, Institute of Structural Engineering and Manfred Kaufmann, Network for International Development and Cooperation
16:00 - 18:00	Farewell reception (CAB Mensa)