



Action Pledge to the Nairobi Work Program on Impacts Vulnerability and Adaptation to Climate Change

By

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Background

The International Environment and Disaster Management Laboratory (IEDM: www.iedm.ges.kyoto-u.ac.jp) of Kyoto University Graduate School of Global Environmental Studies undertakes field based action research in the field of environment and disaster risk reduction in Asian countries. IEDM hosts the Asian University Network for Environment and Disaster Management (AUEDM: www.auedm.net), which has its member from 14 Asian countries and region. The goal of this network is to enhance research and practice in the field of disaster risk reduction and climate change adaptation. IEDM and AUEDM collaborate closely with the ADRRN (Asian Disaster Reduction and Response Network: www.adrrn.org), which is a network of national and local NGOs in Asian countries. IEDM also work closely with the local government network in the Asia Pacific Region (CITYNET: www.citynet-ap.org).

Overall Objectives

In line of Nairobi Work Program (2005-2010), objectives of the proposed action pledge is to enhance regional, national and local capacities on:

- Understanding and assessing the impacts, vulnerability and adaptation to climate change
- Enhancing informed decision on adaptation practices in terms of effective disaster risk reduction

Project Purpose

IEDM specifically targets to focus on vulnerable communities in Asia, with specific emphasis on hydro-meteorological disasters by:

- Undertaking specific community based adaptation projects with linkages to disaster risk reduction in Asia
- Focusing on indigenous knowledge and disaster risk reduction and its implications to community based adaptation
- Learning and networking activities in the related field

Activities

In the pledge, the following activities are planned:

- Knowledge generation – practical, understandable and deployable knowledge, including:
 - Indigenous (local) and cultural knowledge
 - Scientific knowledge
 - Socio-economic knowledge
- Provision of expert advice and technical assistance on disaster risk reduction and climate change adaptation in the region.

Activities can be categorized as follow:

1. Hotspot Study

- Understanding climate variability
- Assessing community vulnerabilities
- Identifying and documenting good practices

2. Promoting Community Based Adaptation Principles

- Developing, adapting and testing tools and techniques for adaptation
- Implementing pilot initiatives in vulnerable communities
 - Physical (in terms of physical measures of risk reduction)
 - Social (institution building, gender, inclusion, networking etc.)
 - Educational (school and higher education, non-formal education, education for field practitioners, teachers etc.)
 - Economic (livelihood resilience and options, micro-finance etc.)

3. Education

- Education for students
- Education and research for young practitioners
- Education for field practitioners

4. Awareness and Advocacy Campaign

- School based campaign
- Mass media campaign
- Policy advocacy workshops

Expected Results

- Compilation of principles, case studies, good practices of community based adaptation, disaster risk reduction, indigenous knowledge and other issues mentioned above
- North-south and south-south cooperation among the universities and research organizations in Asia
- Incorporation of climate change adaptation in educational programs/curriculum



- Enhanced awareness and advocacy campaign through school education and policy advocacy workshops
- Dissemination of relevant knowledge products at the technical workshop under the Nairobi work programme on regional centre (before SBSTA 32)

Indicators of Achievements

Within nine specific areas of the NWP, IEDM will focus on community based climate change adaptation practices, will analyze good practices, and establish policy linkages and up-scaling of adaptation practices. Major Climate Change issues to be addressed in terms of adaptation are:

- Disaster risk reduction practices
- Urban risk management
- Coastal zone management
- Forest management
- Water resource management
- Livelihood security and management

Indicators of achievements are:

- Number of N-S/ S-S partnerships evolved
- Documents, reports and knowledge products on disaster risk reduction and climate change adaptation developed
- Numbers of workshops, seminars, meetings held under this partnership
- Number of good practices analyzed and documented