

Central Committee for Flood & Storm Control UNDP project VIE/01/014



Developing a standard methodology for damage & needs assessment in Vietnam (DANA)

By: UNDP project VIE/01/014



Research summary

- **Start date:** July 2005
- **Executive agencies:** DDMFSC; UNDP Vietnam.
- **Implementing agencies:** DMC; VNRC; GSO.
- **Cooperation agencies:** Oxfam GB, Oxfam HongKong



Rationale for the research

- The needs from CCFSC, GSO, VNRC and other organizations for reviewing current practices in damage and need assessment.
- CCFSC/Government has difficulties in verifying the actual losses and needs as reported by an affected province to decide on Government support for immediate response and rehabilitation as well as for recovery.
- Lack of a database of historical disasters to allow assessment of trends, future risks.



Objectives

- To develop an unified national disaster damage and needs assessment (DANA) and reporting system, with a focus on water-related disasters, including detailed guidance for operation of the system (data collection, storage, communication and reporting).
- Develop a proposal with detailed plans for actual adoption and use by all key stakeholders at the national and local levels.



Outputs and Achievements

Output 1: Consolidated forms for data recording at the local and also central level, including codes, definitions of items, and units for measurement of damage and needs. These must be based on past work of the CCFSC, GSO and VNRC, and should be focused on water related disasters.

Achievements:

1. Designed and formulated the forms of:
 - Damage assessment (caused by natural disaster).
 - Need assessment for emergency stage.
 - Need assessment for post disaster stage, and
 - Need assessment for recovery/rehabilitation stage
2. Circulated these forms to get comments from 64 provinces of Vietnam and from related agencies.
3. Revise and finalize the forms.



DANA Forms

- Damage Assessment Form
- Needs Assessment Forms



Outputs and Achievements

Output 2: The actual database software (for data storage, access, statistics and reporting), developed, installed and tested to be suitable to condition of Vietnam.

Achievements:

- Studied the references such as DesInventar/ DesConsultar and VietInfor.
- Developed and designed a suitable software (DANA 1.0) for disaster management in Vietnam **(attached)**.
- Developed a guideline for installation, application and exploitation of the software database.



Outputs and Achievements

Output 3: Some historical damage and humanitarian relief / reconstruction investment data (35 recently years) should be entered into the new / adapted database.

Achievements:

- Collected damage data from CCFSC.
- Collected damage data from General Statistic Office (GSO).
- Collected humanitarian relief data from Vietnam Red Cross (VNRC).
- Ongoing to enter those data into new adapted database for disaster management purposes.



Outputs and Achievements

Output 4: Technical guidelines for local officers on doing damage and needs assessment and verification of damage and needs.

Achievements:

1. Compiled a Damage Assessment manual, with the forms, and guidance on how to collect data, how to verify data (by village leaders, commune and district officials and staff and volunteers of the VNRC), and how to record data (primarily on hardcopy). It includes:
 - *Definition of damage assessment*
 - *Purposes and meanings of DA.*
 - *Requirements in DA*
 - *Methodology for DA, and*
 - *Appendices (type of report; explanation of terminology in the forms)*



Continue Output 4

2. Compiled a manual of need assessment for each stage of disaster that includes:
 - *Stage of humanitarian relief (emergency, post disaster..)*
 - *Definition of NA*
 - *Purposes and meanings of NA*
 - *Basis requirements in NA*
 - *Methodology, and*
 - *Appendices (NA forms, type of reports)*



Outputs and Achievements

Output 5: A Training Program (curriculum document) for training of officers at different levels in doing DANA and on software database.

Achievements:

1. A training program (curriculum) is being developed with following modules:
 - *Module 1: Basis knowledge and skills on assessments of hazards; vulnerability and capacity (HVCA).*
 - *Module 2: Instruction of using the format of forms and guidelines for damage and need assessment.*
 - *Module 3: Instruction of using the software-database (DANA 1.0) for disaster management.*
2. Ongoing to conduct 2 TOT courses for provincial and district officers and 2 training courses for local level in 2 pilot provinces of Ha Tinh anh Quang Tri (cooperated with OXFAM)



Recommendations

1. Consolidate and promote this research in terms of scale and contents.
2. Improve the software DANA 1.0 (detailed GIS base) that can be applied in all districts of the country for disaster management.
3. Provide training on DANA and apply this system in most of disaster prone areas in Vietnam.



End of presentation

Thank you very much

