



**USAID** | **ASIA**  
FROM THE AMERICAN PEOPLE



# Tools and Resources:

**To facilitate developing a  
resilient coastal system**

**Atiq Kainan Ahmed  
Eric Stephan**

March, 2007; CCR Training Indonesia.

# Overview of some useful available tools and resources



# 1. Governance

**HFA**  
**Hyogo Framework for Action 2005 - 2015**  
 Building the Resilience of Nations and Communities to Disaster. An Introduction to the Hyogo Framework for Action

Every year, more than 200 million people are affected by droughts, floods, cyclones, earthquakes, wildfires, and other hazards. Increased population densities, environmental degradation, and global warming adding to poverty make the impacts of natural hazards worse.

The past few years have reminded us that natural hazards can affect anyone, anywhere. From the Indian Ocean tsunami to the South Asia earthquake, from the devastation caused by hurricanes and cyclones in the United States, the Caribbean and the Pacific, to heavy flooding across Europe and Asia, hundreds of thousands of people have lost their lives, and millions their livelihoods, to disasters caused by natural hazards.

While many know the human misery and crippling economic losses resulting from disasters, what few realize is that this devastation can be prevented through disaster risk reduction initiatives.

Governments around the world have committed to take action to

*2005 has been a year of disasters. The loss of life and livelihoods could have been greatly reduced. If we had good early warning systems, fewer people would have died in the Indian Ocean tsunami. If we had earthquake safe schools, hospitals, and housing in Northern Pakistan, tens of thousands would not have lost their lives. If we had better levees in New Orleans, their role lived in the lower lying parts of the city would not have had to see their lives threatened.*

Jon England, Under-Secretary-General for Humanitarian Affairs

International Strategy for Disaster Reduction (ISDR)

<http://www.unisdr.org/>

Framework actions

**Improving Coordination**

Information sharing → Collaboration → Joint strategic planning

Disaster Preparedness Training Programme

Department for International Development

International Federation of Red Cross and Red Crescent Societies

**DFID** Department for International Development

policy

**Reducing the Risk of Disasters – Helping to Achieve Sustainable Poverty Reduction in a Vulnerable World: A DFID policy paper**

UNDP

A GLOBAL REPORT

**REDUCING DISASTER RISK**  
 A CHALLENGE FOR DEVELOPMENT

United Nations Development Programme  
 Bureau for Crisis Prevention and Recovery  
[www.un.org/icef/](http://www.un.org/icef/)

HE 436:2004

**RISK MANAGEMENT GUIDELINES**  
 Companion to IS/NIS 4300:2004

STANDARDS AUSTRALIA  
 STANDARDS NEW ZEALAND

International Agency guidances

Towards a Safer Sri Lanka  
Road Map for Disaster Risk Management



Disaster Management Centre  
Ministry of Disaster Management

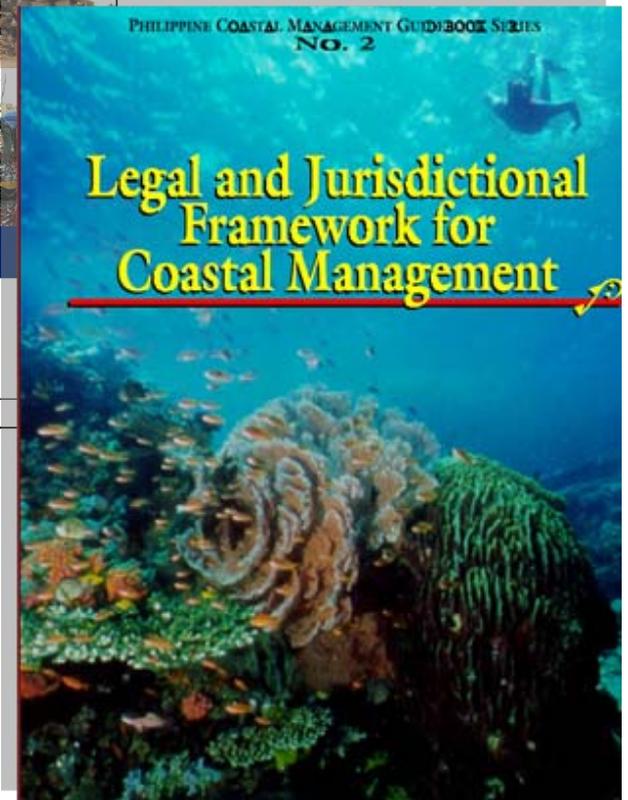
Version 1.0

HAZARDS, DISASTERS AND YOUR COMMUNITY

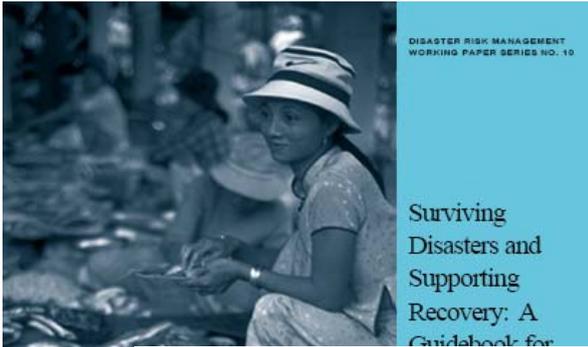
A PRIMER FOR PARLIAMENTARIANS

Government of India  
Ministry of Home Affairs  
National Disaster Management Division  
"towards safer INDIA"

National  
level products



# 2. Socio-economy & livelihoods



Village Savings and Loan Associations  
(VS&LAs)



## SUSTAINABLE BANKING with the POOR

# MICROFINANCE HANDBOOK

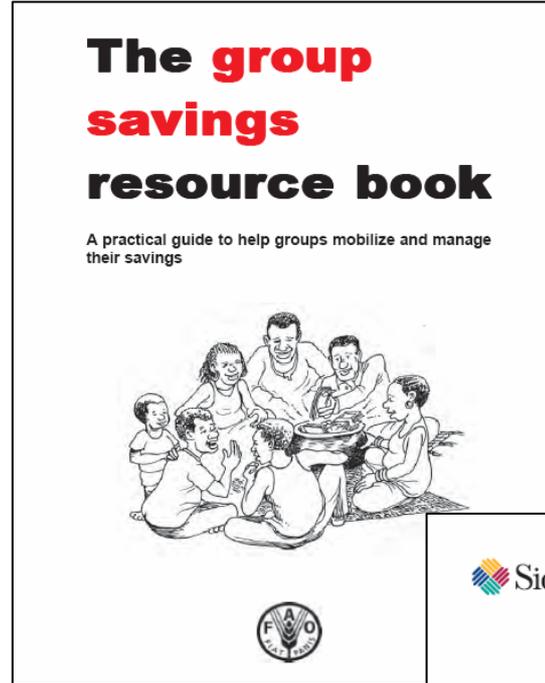
An Institutional and Financial Perspective

Joanna Ledgerwood

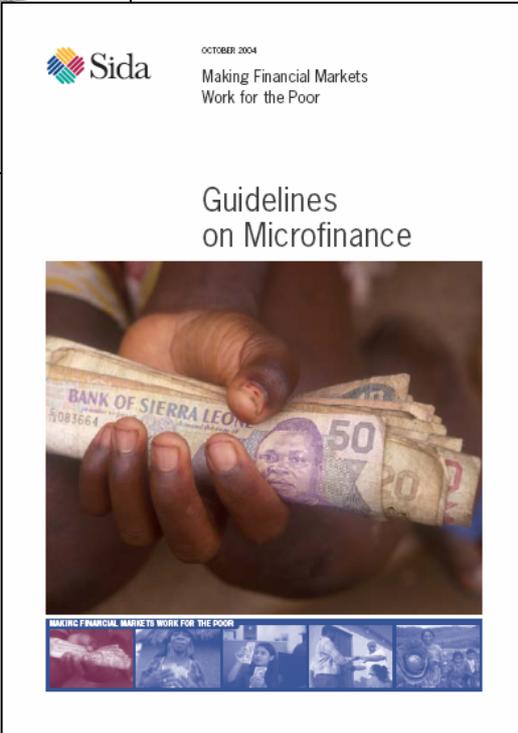
THE WORLD BANK  
WASHINGTON, D.C.

Pro  
Gui  
Field  
Manu  
Version 2.0

Written by  
Software dev  
hugh@wbi  
mark@wbi  
ctm@wbi



Banks and  
Bilateral  
donors



**A HANDBOOK ON FORMING SELF-HELP GROUPS (SHGs)**



**National Bank for Agriculture and Rural Development**

Micro-finance

**A Risk Management Framework for Microfinance Institutions**



**TRANSFERRING RISK THROUGH MICRO-INSURANCE, MICRO-CREDIT AND LIVELIHOOD RELIEF**

*Best Practice Case Studies*

Poor communities in India are often left without the resources and capacity to recover their economic and infrastructure losses when a disaster strikes. Risk transfer programmes are tools used by the humanitarian sector to reduce the vulnerability of the poor against disasters and to accelerate long-term sustainable recovery. The All India Disaster Mitigation Institute (AIMDI) examines three risk transfer schemes: micro-insurance, micro-credit, and AIMDI's Livelihood Relief Fund to assess how these programmes can build a community's capacity to recover from and mitigate disaster. These programmes can be used by disaster mitigation practitioners to incorporate lessons learned and to promote risk transfer initiatives at the grassroots level.

All India Disaster Mitigation Institute

October 2005

*Experience Learning Series 34*



Humantalent

**Emergency Management Guide For Business & Industry**

**[Urgent]**



By **Jayadeva de Silva** M.Sc, MBIM, FIPM, FITD

*A step-by-step approach to prepare emergency planning, response and recovery for organizations all sizes*

Business risks



**FFIEC**

**Business Continuity Planning BCP**

MARCH 2003

**IT EXAMINATION HANDBOOK**

## Sustainable Livelihoods Approaches: Progress and Possibilities for Change

Diana Carney



SL &  
Disasters



### Mapping The Market: A framework for rural enterprise development policy and practice

Mike Albu and Alison Griffith,

**Practical Action**  
(formerly known as ITDG)

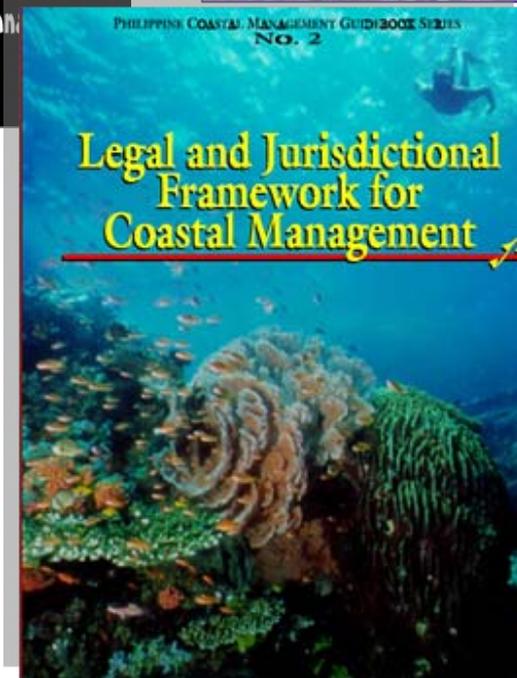
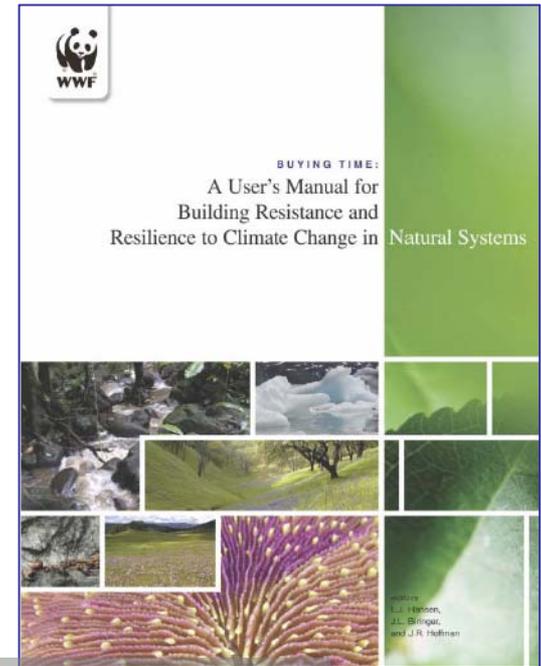
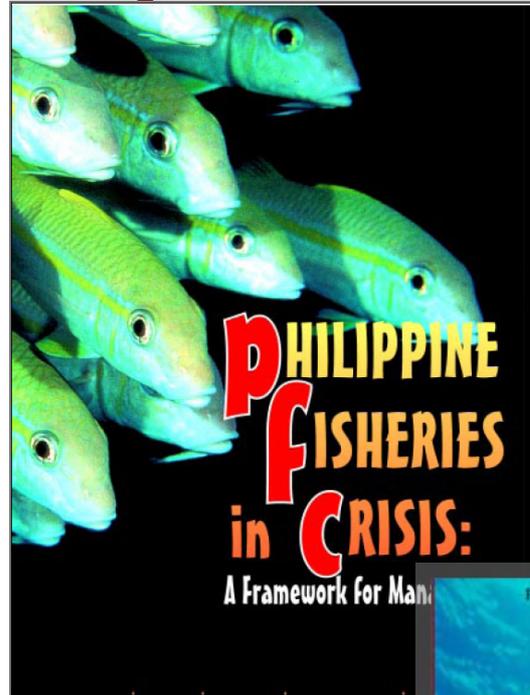
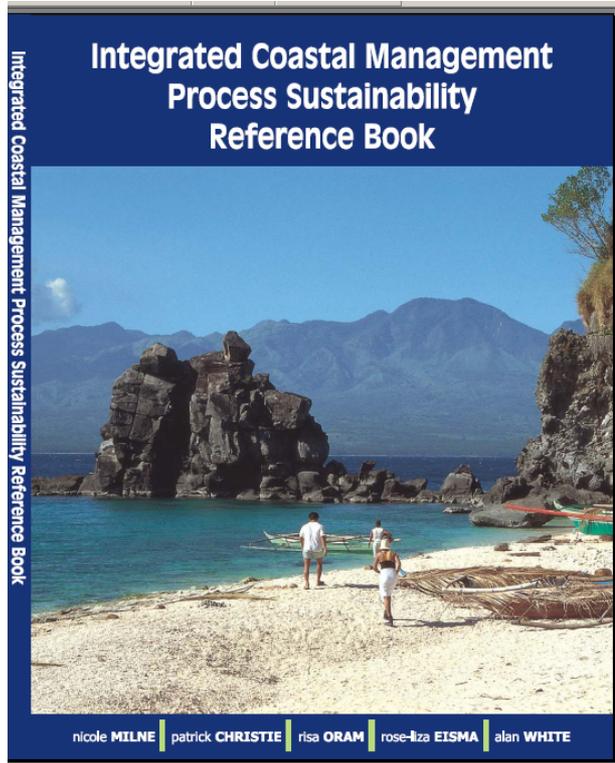
Markets and Livelihoods Programme

June 2005

Bourton on Dunsmore, Rugby, Warwickshire, CV25 9QZ, UK  
T +44 (0)1926 634400 | E [mike.albu@practicalaction.org.uk](mailto:mike.albu@practicalaction.org.uk) | W [www.practicalaction.org](http://www.practicalaction.org)

Practical Action is the working name of Intermediate Technology Development Group Ltd  
Company Reg. No. 071954, England | Reg. Charity No. 247257 | VAT No. 241 615492 | Patron HRH The Prince of Wales

# 3. Coastal Resource Management



# Creating and Managing Marine Protected Areas in the Philippines



alanWHITE ♦ porfirioALINO ♦ annaMENESES



World Commission on Protected Areas (WCPA)

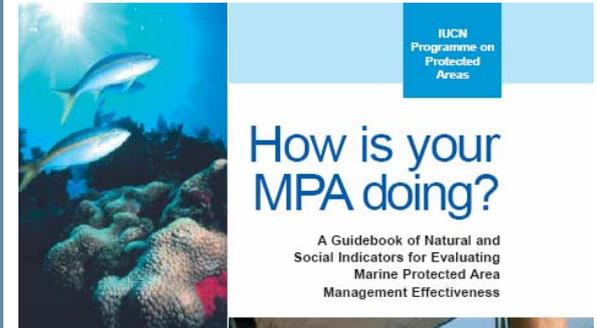
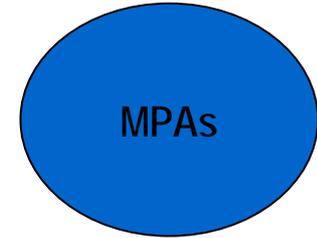
## Guidelines for Marine Protected Areas

Edited and coordinated by Graeme Kelleher

Adrian Phillips, Series Editor



Best Practice Protected Area Guidelines Series No. 3



Robert S. Pomeroy  
John E. Parks  
Lani M. Watson



# 4. Landuse & Structures

North Carolina  
Division of Coastal Management

## Technical Manual for Coastal Land Use Planning

A "How-To" Manual for Addressing  
the Coastal Resources Commission's  
2002 Land Use Planning Guidelines

Version 2.0  
July 2002

Department of Environment and Natural Resources / William G. Ross Jr., Secretary  
State of North Carolina / Michael F. Easley, Governor

William B. Farris, AICP  
Wilmington, N.C.



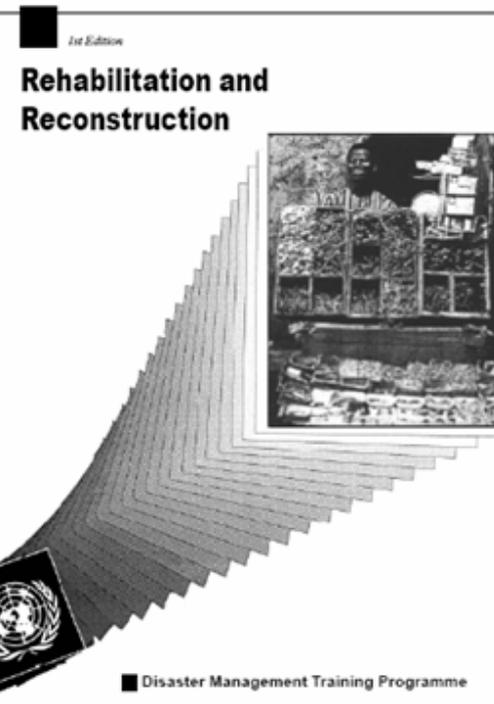
## LAND USE TOOLS AND TECHNIQUES

March 2003

A Handbook for Local Communities

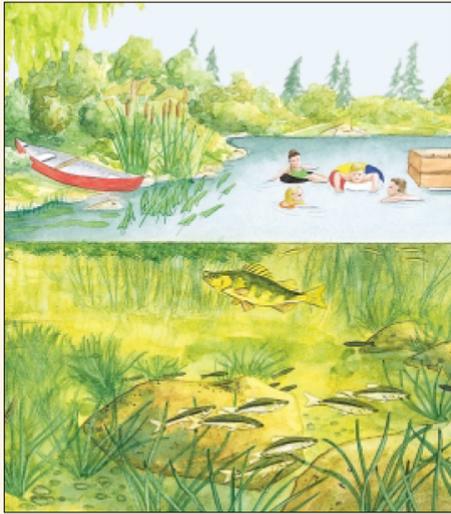


UNEP/WHO Local Communities Learning, Technical Support  
National Disaster Preparedness Centre



GE.97-00644

# THE SHORE PRIMER



A COTTAGER'S GUIDE  
TO A HEALTHY WATERFRONT

 Fisheries and Oceans Canada / Pêches et Océans Canada

 CottageLife

Seven Principles for Planning and Designing for Tsunami Hazards



# Designing for Tsunamis

Seven Principles for Planning and Designing for Tsunami Hazards

March 2001

National Tsunami Hazard Mitigation Program

NOAA, USGS, FEMA, NSF, Alaska, California, Hawaii, Oregon, and Washington

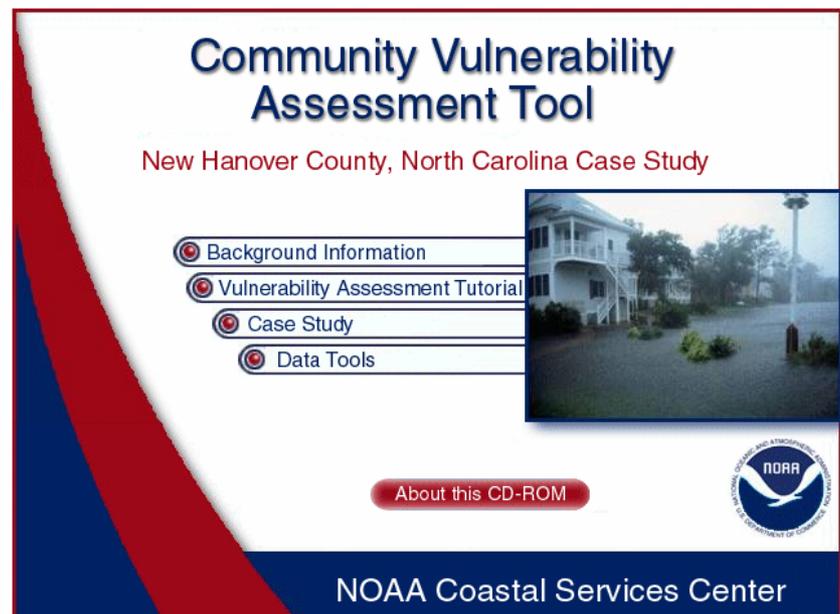
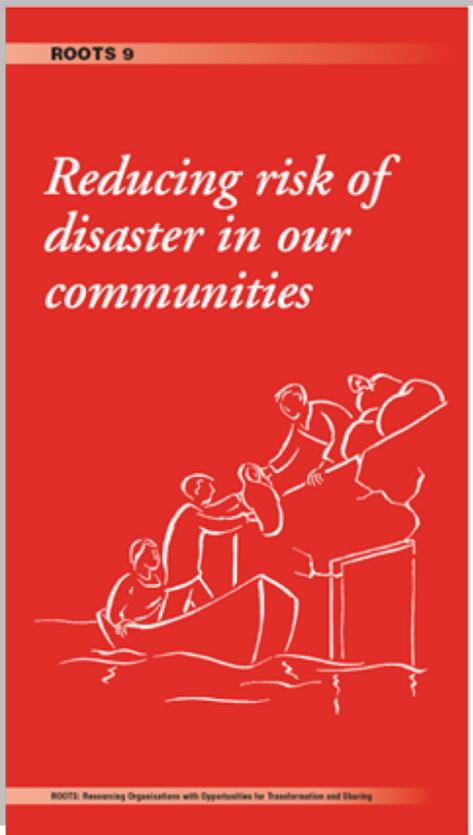
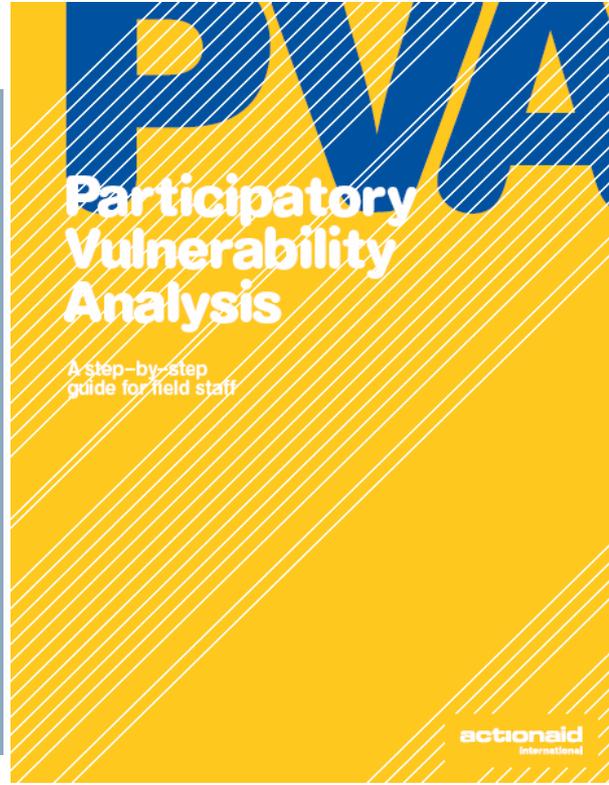
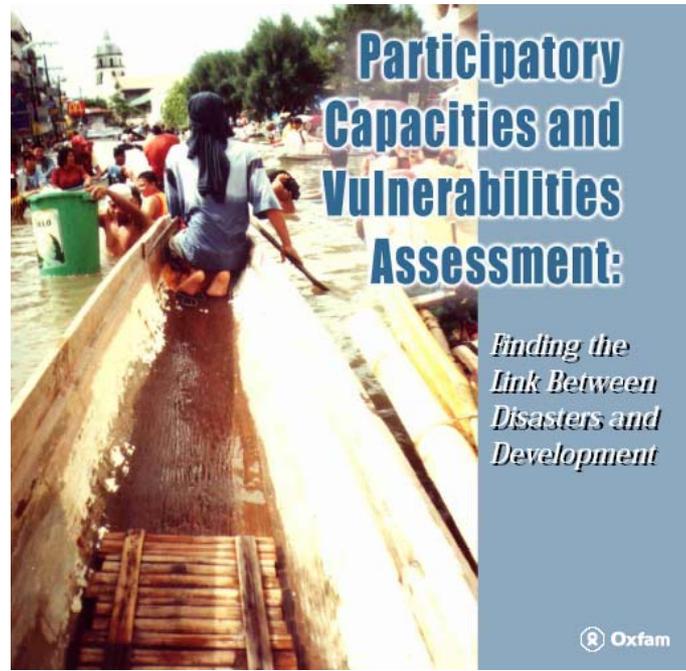
## Disaster Mitigation



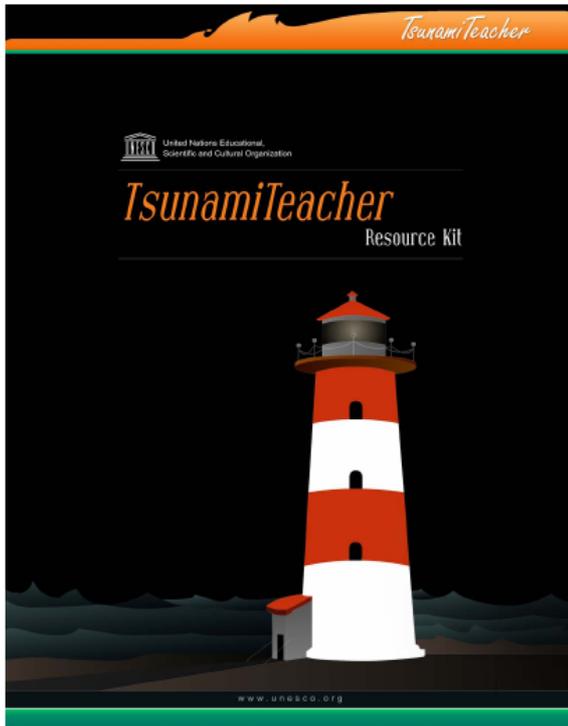
Disaster Management Training Programme

# 5. Risk Knowledge

Risk- Vul-Capacity Assessments



# 6. Warning & Evacuation



## BRITISH COLUMBIA TSUNAMI WARNING METHODS

“A Toolkit for Community Planning”



Peter S. Anderson  
Telematics Research Lab  
Simon Fraser University  
Burnaby, B.C.  
Canada

July 2006



**EWC III**  
Third International Conference  
on Early Warning

*From concept to action*

27-29 March 2006  
Bonn, Germany

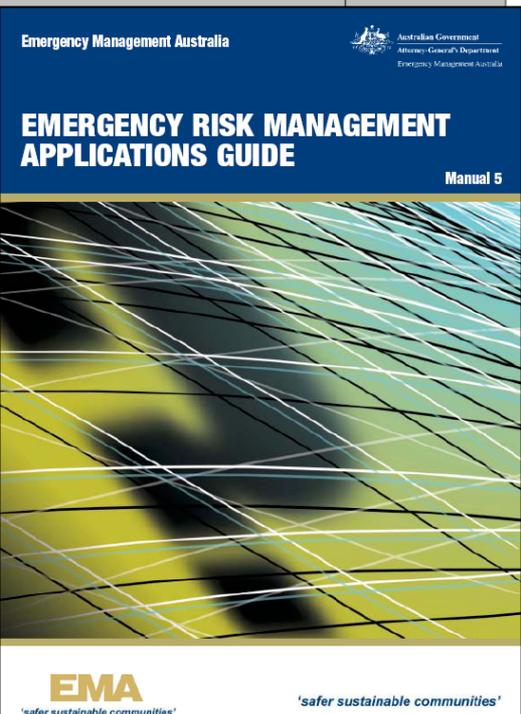
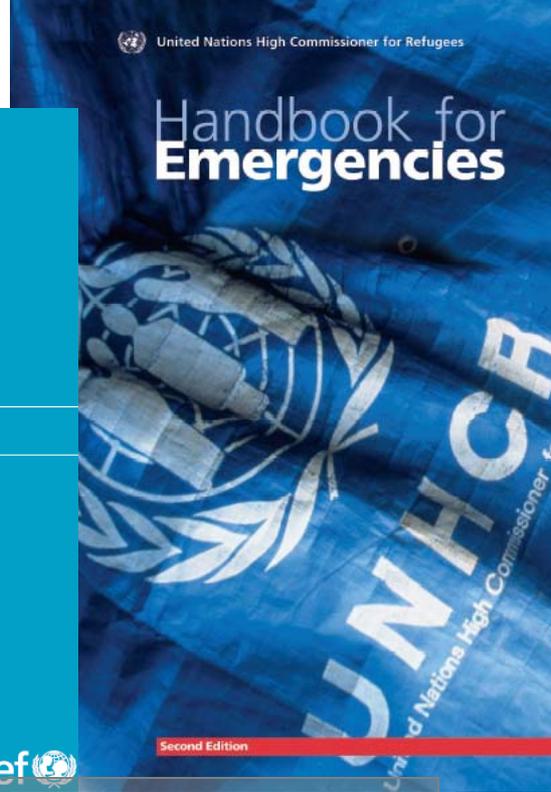
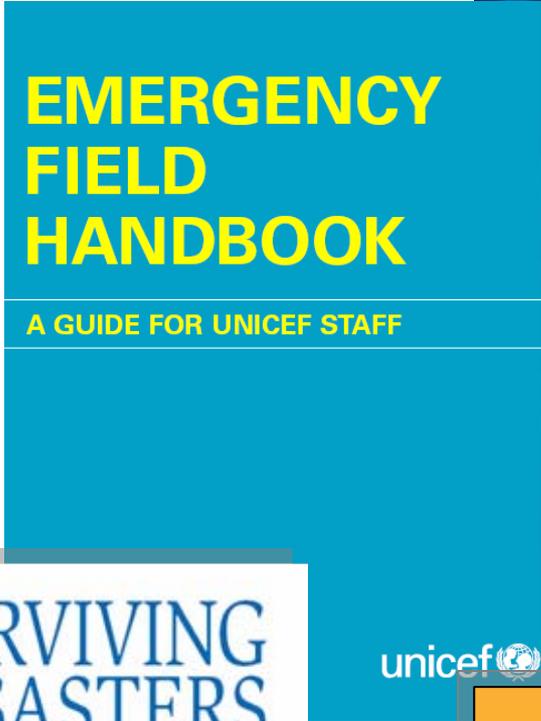
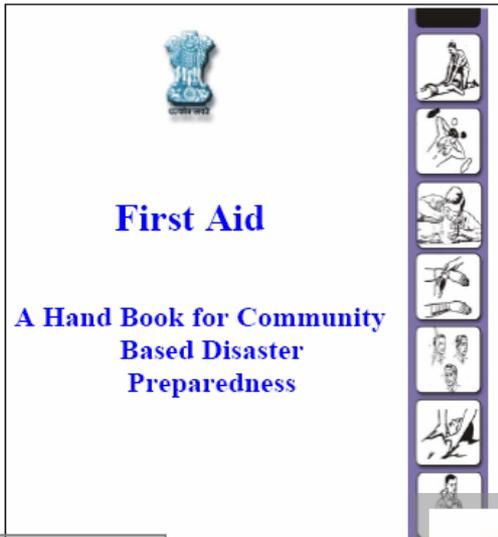
Developing Early Warning Systems:  
A Key Checklist

WORKING DRAFT

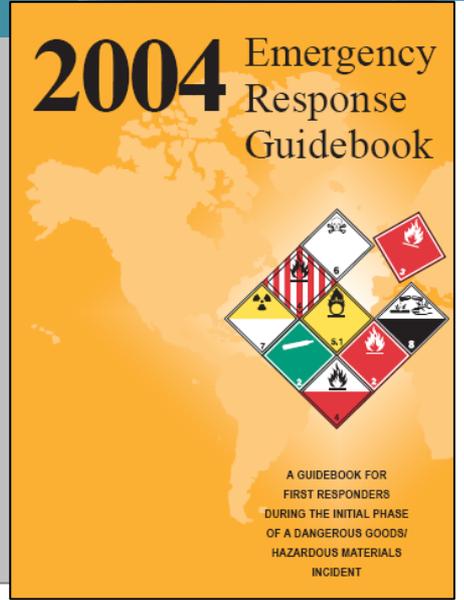
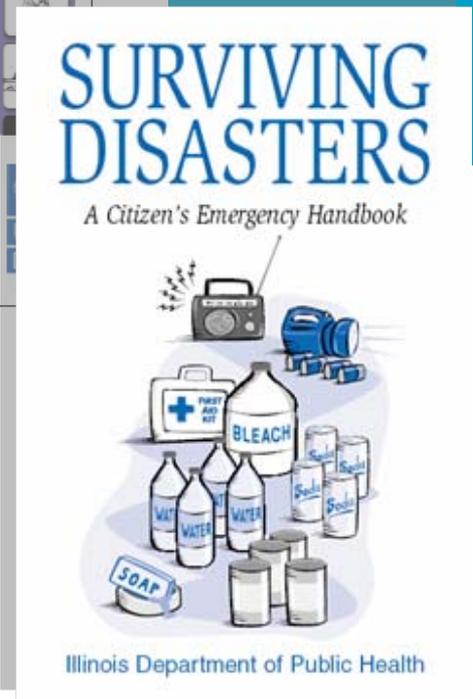


# 7. Emergency Response

Emergency management



State Disaster Management Authority  
And  
National Development Program





FIELD OPERATIONS GUIDE

ICS 420-1

INCIDENT COMMAND SYSTEM PUBLICATION

JUNE 2004

Participation by  
Crisis-Affected Populations  
in Humanitarian Action  
**A Handbook for Practitioners**

Better governance means  
greater participation coupled  
with accountability  
*Kofi Annan, 2000*

**ALNAP**  
Active Learning Network for Accountability and  
Performance in Humanitarian Action

Emergency &  
Damage/ needs  
Assessment

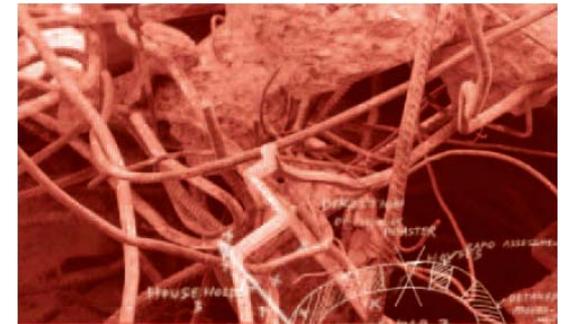
Post-Disaster  
Damage Assessment  
and  
Need Analysis



Asian Disaster Preparedness Center

PO Box 4, Hong Kong Pathumthani 1200 Thailand

[www.adpc.or.th](http://www.adpc.or.th)



**Guidelines  
for emergency  
assessment**

October 2005

 International Federation  
of Red Cross and Red Crescent Societies

# 8. Recovery

## Network Paper

HPN  
Humanitarian Practice Network  
December 2003

### In brief

Housing is essential to the well-being and development of most societies. It is a complex issue, with links to livelihoods, health, education, security and social and economic development. Housing is also an important part of the reconstruction process, and the focus of this paper.

## Housing reconstruction after conflict and disaster

Commissioned and published by the Humanitarian Practice Network at ODI

Sultan Barakat

Structural Reconstruction

## Recovery from Emergencies: Management Guidelines

Human Services



Peoplyfirst

Recovery  
Checklist

Emergency recovery

## Rehabilitation and Reconstruction



Disaster Management Training Programme

08.97-03/44



Guidelines for planning in the re-building process – Resource pack

Intermediate Technology Development Group – South Asia  
5, Lionel Edirisinghe Mawatha  
Kirulapone, Colombo 5

Fax: 856188 E-mail: itertlan@itertlan.net

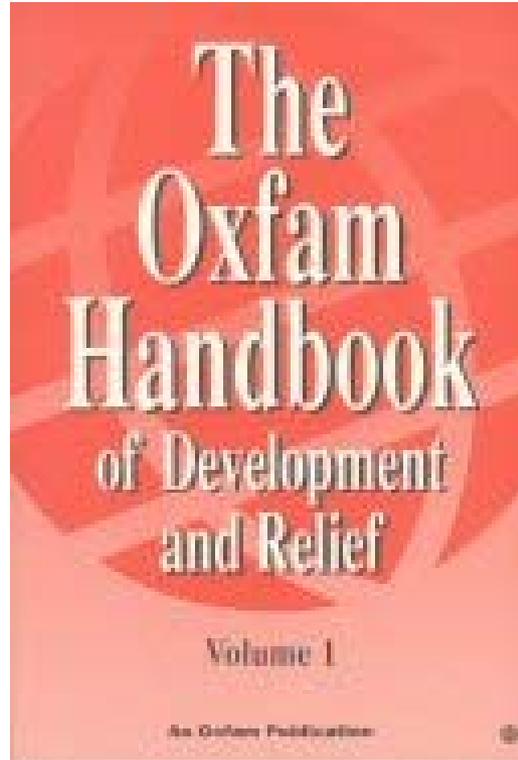


UNITED NATIONS DEVELOPMENT PROGRAMME



# From Relief to Recovery

## The GUJARAT Experience



**Disaster Recovery Planning  
Project Outline**

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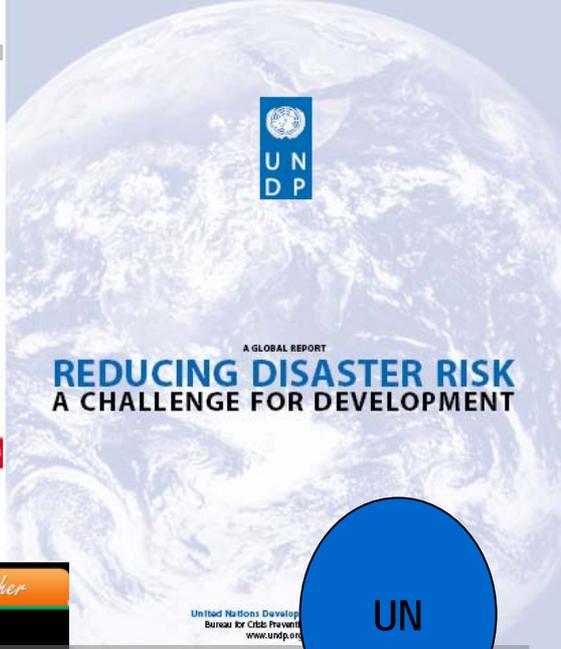
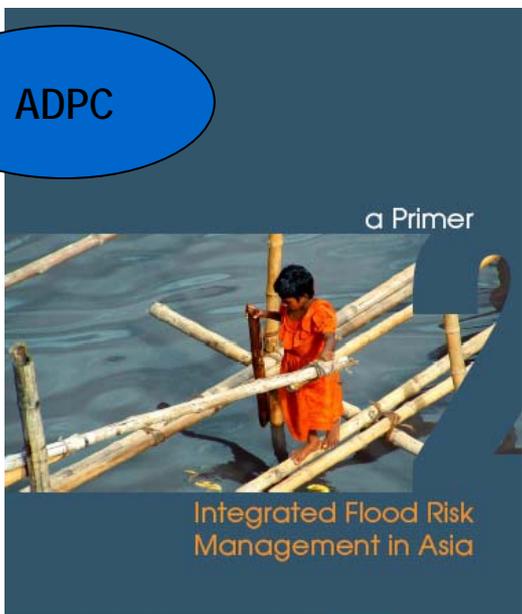


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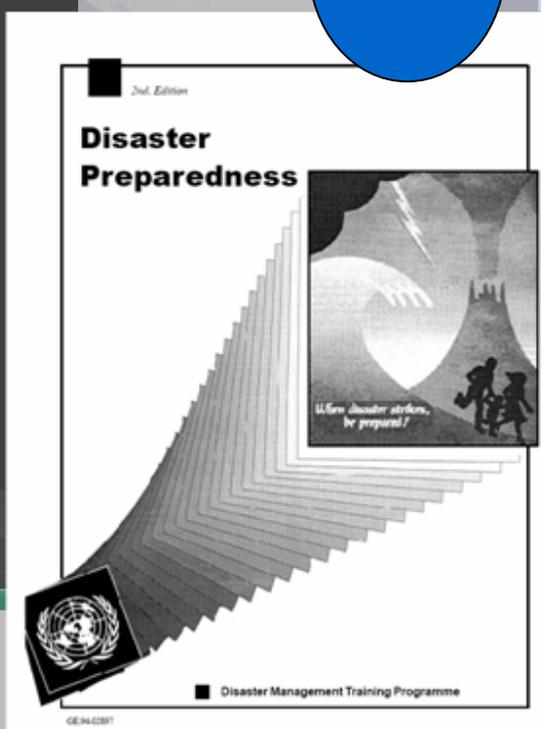
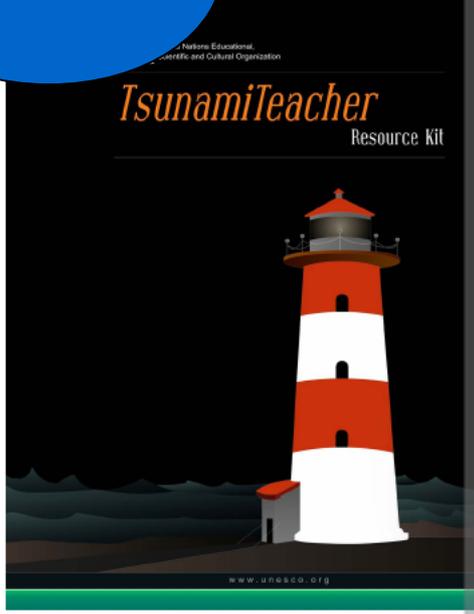
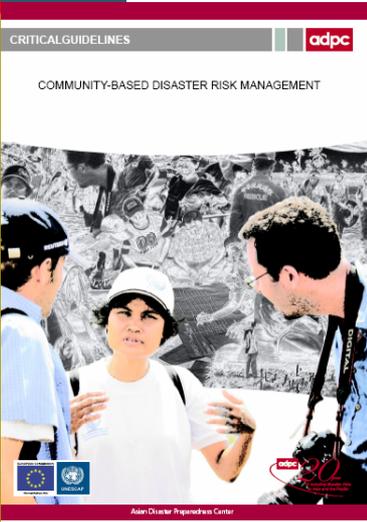
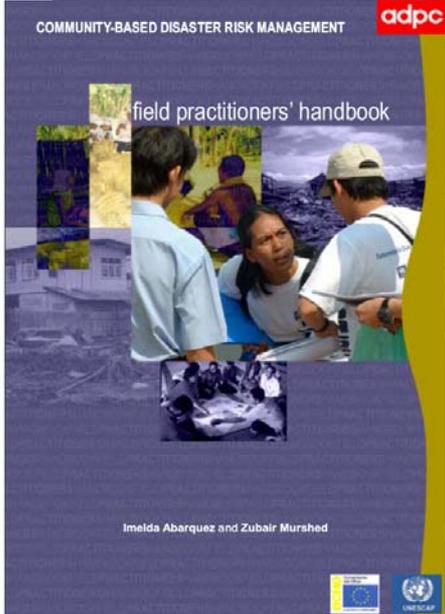
# General Resources

ADPC



IOC/NOAA

UN



OFFICE OF U.S. FOREIGN DISASTER ASSISTANCE



# DISASTER REDUCTION: A PRACTITIONER'S GUIDE

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT  
BUREAU FOR DEMOCRACY, CONFLICT PREVENTION AND  
OFFICE OF U.S. FOREIGN DISASTER ASSISTANCE

## Field Operations Guide

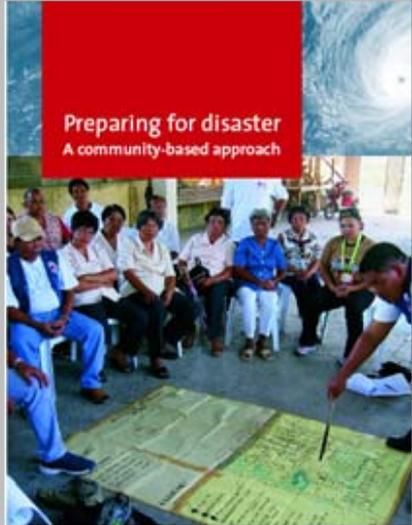
for Disaster Assessment and Response



U.S. Agency for International Development  
Bureau for Humanitarian Response  
Office of Foreign Disaster Assistance

In cooperation with and produced by  
the USDA Forest Service  
International Programs  
Disaster Assistance Support Program

Version 3.0



Preparing for disaster  
A community-based approach



Prepare Your Family For Disasters  
With Help From:  
Cool Cat, Ready Rabbit and Disaster Dog



IFRC/  
Country  
RC

USAID/  
OFDA



Danish Red Cross

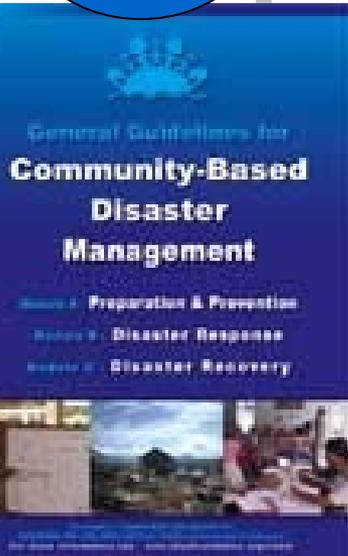
## DISASTER PREPAREDNESS Coloring Book



## An introduction to disaster preparedness for primary school children



VIETNAM RED CROSS SOCIETY



## General Guidelines for Community-Based Disaster Management

- Module I: Preparation & Prevention
- Module II: Disaster Response
- Module III: Disaster Recovery



Thanks..