

## Community-Based Disaster Risk Management: field practitioners' handbook

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### Organisation

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This handbook was prepared by the Asian Disaster Preparedness Centre (ADPC). ADPC is a non-profit organization supporting the advancement of safer communities and sustainable development, through implementing programs and projects that reduce the impact of disasters upon countries and communities in Asia and the Pacific.

Website: [www.adpc.net](http://www.adpc.net)

### Bibliographical details

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### Abstract

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The purpose of the Community-based disaster risk management (CBDRM) field practitioners' handbook is to help equip CBDM or CBDRM practitioners with theories and practical tools that can be applied in community based risk management work. Part 2, chapters 3 and 4 particularly focus on Participatory Disaster Risk Assessment and Participatory Disaster Risk Management Planning.

### Intended end users

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This manual is designed for **community development workers, disaster risk management field practitioners, community based organisations, and NGO's.**

## Geographical focus

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Although the CBDRM Handbook has been developed on the basis of ADPC's experiences in **South East Asian** countries and therefore uses case studies and examples from this region, the handbook can be applied in CBDRM anywhere in the world.

## Type of Material

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**Comprehensive manual** that both conceptualizes and brings forth theories to community-based disaster risk work, as well as providing practical tools to carry out the analysis.

The publication focuses on four parts:

- ◆ Community-based disaster risk management(CBDRM): a framework for reducing risks
- ◆ Resource packs
- ◆ Major considerations in undertaking CBDRM
- ◆ Disaster risks in South East Asia

The handbook provides a framework for conceptualizing the CBDRM process as well as a step-by-step framework for how to conduct the CBDRM process including:

- ◆ Conceptualizing the basic concepts and theories within the CBDRM.
- ◆ Providing essential tools for conducting the CBDRM process many of which are taken from the PRA framework.

It also provides key considerations including: a gender conscious approach to the CBDRM, as well as disaster risk communication.

## Language

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The handbook is written in English.

## Scale of assessment

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The scale of assessment is focused at the **community** level.

## Type of assessment

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Disaster risk management (DRM) is the conceptual framework from which CBDRM has emerged and throughout the handbook Participatory Disaster Risk Assessment (PDRA) is used to collect and analyse disaster risk information. There are also many tools and exercises from Participatory Rural Appraisal (PRA) framework.

## Analytical methods

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**Participatory Disaster Risk Assessment (PDRA)** is both the dialogue and negotiated framework whereby all parties concerned collect and analyse disaster risk information to make plans and concrete actions to reduce/eliminate disaster risks.

Data collation (at the end of each day) is carried out through the **Capacity and Vulnerability Assessment (CVA)** framework. A gender conscious assessment of vulnerabilities, capacities and risk perceptions of men and women is also presented. **Participatory Rural Appraisal (PRA)** is also presented.

## Tools

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*The participatory tools* used throughout the disaster risk assessment/planning (list not exhaustive) are:

- ◆ **Timeline**
- ◆ **Hazard and resource mapping**
- ◆ **Seasonal calendar**
- ◆ Ranking (Matrix)( Proportional piling)
- ◆ **Transect walk**
- ◆ Historical transect
- ◆ **Focus group interviews**
- ◆ **Venn diagrams**
- ◆ Resource mobilization matrix

## Notes on methods

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- ◆ This comprehensive document is targeted at community disaster risk managers and planners, providing a comprehensive conceptual model as well as all of the relevant analytical tools in detail.
- ◆ Contextualizes and provides definitions for all key concepts and theories.
- ◆ Provides detailed description and examples of all analytical tools and exercises.
- ◆ The guidelines are for the benefit of the community and approaches disaster risk analysis with a community-based perspective however, it is a complex and thorough process that would require the support of experts.

## Case studies / practical examples

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- ◆ The manual contains several practical examples and small cases illustrating how the tools and methods have been applied in practice.
- ◆ The case study section of the CRA Toolkit contains one ADPC case study carried out in the context of the Bangladesh Urban Disaster Mitigation Project.

## Resource people

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Copies of the handbook can be ordered from Ambika Varma at [ambika@adpc.net](mailto:ambika@adpc.net)

## Author of guidance note

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