



## DISASTERS AND THE LOCAL CHURCH

Guidelines for church leaders  
in disaster-prone areas

**tearfund**

**Disasters and the local church:  
Guidelines for church leaders  
in disaster-prone areas**

Written and illustrated by Bill Crooks and Jackie Mouradian of Mosaic Creative Ltd  
([www.mosaiccreative.co.uk](http://www.mosaiccreative.co.uk))

Edited by Bob Hansford

Front cover photo by Richard Hanson / Tearfund

Back cover photo by Murray Burt / Tearfund

Design: Wingfinger Graphics

The editor would like to thank Tearfund partners in four countries – the Philippines (PCMN Inc.), Kenya (ACK), India (NEICORD) and Malawi (Eagles) for field-testing this resource. Thanks are also due to members of a small Steering Committee who have provided helpful advice at various points in the production process and to Tearfund colleagues who have commented on the technical and theological correctness of sections of the text. Finally, gratitude is extended to Tulo Raistrick (Tearfund Programme Development Advisor, Church and Development) for his advice and encouragement along the way.

Tearfund contact: Bob Hansford, Disaster Risk Management Advisor  
[bob.hansford@tearfund.org](mailto:bob.hansford@tearfund.org)

© Tearfund 2011

Tearfund is a Christian relief and development agency  
building a global network of local churches to help eradicate poverty.

Tearfund publications available at: [www.tearfund.org/tilz](http://www.tearfund.org/tilz)

# **DISASTERS AND THE LOCAL CHURCH**

Guidelines for church leaders  
in disaster-prone areas

## Preface

Disasters are a regular fact of life for many parts of our world. Christians are not immune to such disasters, and the areas affected often include networks of local churches. For example, the South Asian tsunami of December 2004 affected the Catholic churches of Tamil Nadu (India) and the Pentecostal churches of the Andaman Islands. When Cyclone Nargis hit Myanmar in 2008, many Baptist churches lay in its path. Annual flooding along the Brahmaputra river (Assam) affects scores of local congregations. In January 2010, the churches of Haiti's capital Port-au-Prince, including its cathedral, were badly damaged by a powerful earthquake.

These disasters have left a trail of death, sorrow and destruction, but there have also been amazing stories of churches taking the opportunity to demonstrate the love of Christ in very practical ways.

During Hurricane Mitch in 1998, large areas of several Central American countries suffered severe damage and loss of life. In Honduras, a small community near the river Choluteca was cut off by the rising flood waters for nearly two weeks. The local church decided to feed and look after the entire community. They mobilised a group of women to prepare and cook food, and motivated the youth of the church to deliver it to elderly people and the house-bound. The church leader organised groups of men to repair houses and to collect firewood and food. This was stored in the church. After 14 days, a team from an NGO arrived by boat with supplies: they were amazed to see how well the community and church had organised themselves.

When the team met the pastor, he said, 'We were here before the disaster, we were here during the disaster and we are here after the disaster. Agencies like yours will come and go, but the church will always be here.'

In 2008, Andrew Bulmer, former head of Tearfund's Asia Team, produced 12 case studies of situations worldwide in which local churches had engaged effectively with various types of disaster, both natural and man-made. He followed this in 2009 with a publication called *The Local Church and its Engagement with Disasters*, in which he highlighted seven strengths or 'niche areas' which the local church can deploy in the face of disaster. If recognised, developed and used, these strengths could do much to reduce the suffering and distress normally associated with disaster events.

The purpose of this manual is partly to increase understanding of disasters, but more importantly, to give guidance on the practical things a church and its community can do to prepare for a disaster, respond effectively to it and reduce the risk of it happening again.

1	The local church and disasters	9
2	Organising ourselves	37
3	Risks, needs and capacity assessments	69
4	Displaced people	95
5	Floods	133
6	Windstorms and landslides	151
7	Drought and food insecurity	175
8	Earthquakes	203

# Contents

Preface.....	2
How to use this resource .....	8
<b>1 The local church and disasters</b>	<b>9</b>
Introduction .....	10
What is a disaster?.....	11
How do we respond to disasters? .....	12
Emergency response.....	13
Rehabilitation .....	15
Disaster mitigation.....	17
Disaster preparedness .....	19
Different types of disaster .....	22
The role of a church leader in disaster management.....	23
The strengths of the church in facing disasters .....	24
A checklist for responding to disasters .....	30
Community development and disaster management .....	32
Activity: Using our own resources .....	33
Bible study: Why does God allow suffering? .....	34
Review of this chapter.....	36
<b>2 Organising ourselves</b>	<b>37</b>
Introduction .....	38
The disaster management committee .....	39
Using volunteers.....	41
Managing meetings.....	46
Working with others .....	48
Securing additional help .....	54
Basic planning and monitoring skills.....	54
Health and safety .....	61
Dealing with casualties .....	62

Bible study: Delegation of leadership .....	67
Review of this chapter.....	68
<b>3 Risks, needs and capacity assessments</b>	<b>69</b>
Introduction .....	70
Risk assessment (pre-disaster).....	70
Risk mapping in rural areas .....	70
Risk mapping in urban areas .....	77
Needs assessment .....	80
Capacity assessment.....	85
Use of church and community buildings in emergencies .....	89
Bible study: Assessing the city .....	91
Review of this chapter.....	92
Next steps .....	93
<b>4 Displaced people</b>	<b>95</b>
Introduction .....	96
Church response to displaced people .....	98
Code of conduct for churches .....	99
Case study: Tsunami response in the Andaman Islands .....	100
Responding to displaced people .....	100
Assessing the situation .....	101
Registering the displaced people.....	101
Providing for physical needs.....	104
Food .....	104
Water .....	106
Sanitation.....	113
Shelter .....	119
Providing for spiritual needs.....	124
Restoring the environment.....	128
Case study: Working together .....	129
Bible study: Overcoming prejudice .....	130
Review of this chapter.....	131

<b>5 Floods</b>	133
Introduction .....	134
Preparing for floods .....	135
Awareness-raising activities .....	135
Monitoring and warning systems.....	137
Preparing at family level .....	138
Preparing at community level.....	139
Preparing the church .....	140
Emergency response – saving and preserving life .....	141
Discussion questions .....	142
Flood mitigation.....	143
Case study: The church prepares for annual floods in north-east India.....	147
Bible study: The Flood.....	148
Review of this chapter.....	150
<b>6 Windstorms and landslides</b>	151
Introduction .....	152
Impact of windstorms .....	153
Preparing for windstorms .....	154
Mitigation measures .....	160
Location of new buildings .....	160
Design and construction of houses .....	161
Agricultural practices .....	162
Embankments and dykes.....	165
Landslides and mudslides .....	166
Case study: Cyclone Nargis response in Myanmar .....	171
Bible study: Fighting injustice .....	172
Review of this chapter.....	173
<b>7 Drought and food insecurity</b>	175
Introduction .....	176
Causes of drought and food insecurity.....	177
Household food security assessment .....	179

Emergency food distribution .....	182
Drought mitigation .....	184
Cultivation methods.....	184
Water management.....	189
Crop management .....	189
Food storage and cereal banks .....	191
Case study: The Ateli grain bank, Burkina Faso .....	194
Food security in urban areas.....	195
Managing livestock in drought .....	197
Bible study: Famine and a future king.....	200
Review of this chapter.....	202
<b>8 Earthquakes</b>	<b>203</b>
Introduction .....	204
Preparing for earthquakes.....	206
What to do during an earthquake .....	208
What to do after an earthquake .....	209
Church response to an earthquake .....	210
Earthquake damage mitigation .....	211
Building houses, building community.....	215
Case study: Earthquake-resistant housing in Peru .....	216
Bible study: The Philippian jailer .....	217
Review of this chapter.....	219

## How to use this resource

This book is written to give guidance to church leaders and church members in areas where disasters are a common occurrence. Some areas may see themselves as relatively free of extreme weather, but this may change in future with the advance of climate change. Disaster management is not usually taught in seminaries or Bible colleges, yet members of churches will instinctively look to their spiritual leaders, as well as to local government, for help and direction. This book will provide the knowledge and skills which a leader may need in order to respond to these requests.

Churches usually have significant resources which can be used in times of disaster – their buildings, their compound and the resources of their members. They also have a committed group of people who are motivated by compassion and can be mobilised to respond to a crisis. The church often has strong sub-groups which can be used to raise awareness of disaster risks, and can bring communities together to make plans and reduce those risks.

This resource has eight chapters, four of them relevant to all disaster types and the other four dealing with specific types of hazard. The earlier chapters explain the particular strengths of the local church in facing disaster, and give some guidance on how to set up disaster committees and volunteer teams. There are also tables and templates for planning small projects, carrying out needs assessments and analysing the risks facing the community. These can be photocopied for use. Some practical guidance is given on how to meet the needs of displaced people – particularly the more vulnerable groups – for food, water, sanitation and shelter. The church's role in providing emotional and spiritual help is also explored.

The four specialised chapters give more information on preparing for and responding to particular types of disaster – floods, storms and landslides, droughts and earthquakes. There are also suggestions on actions to take to reduce long-term risks.

The church leader or pastor is a busy person with many responsibilities, and it is not intended that he or she alone uses this book. It would be far better for a leadership team to study relevant chapters together, perhaps copying and reading them beforehand. Each chapter provides Bible studies, case studies and discussion questions, as well as practical 'how-to' material.

Another approach would be to form a disaster committee and ask it to study relevant chapters and develop plans to prepare for expected hazards. The committee would need the support of the leader or pastor, but he/she may choose not to be a member. The book also contains material on working with others – with government, NGOs or other churches. Their representatives could be invited to these committee meetings.