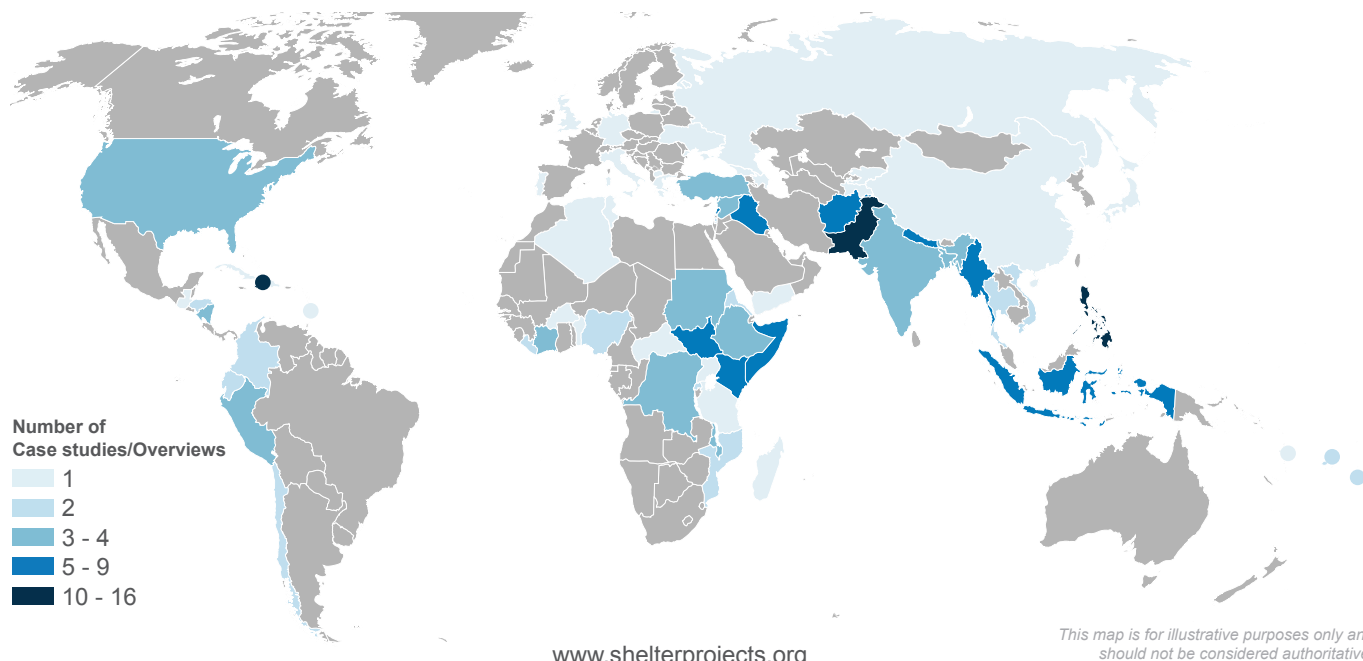


# INDEX OF CASE STUDIES BY COUNTRY



All the case studies, overviews and updates in this book and the past editions of *Shelter Projects* are available online, and they can be searched by country, year, article type, emergency type and publication, or through a free text search.

■ Natural disaster      **OV** Overview  
■ Conflict                      **CS** Case Study  
■ Complex/multiple          **UP** Update

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<b>OV</b> Dominican Rep., 2012, Hurricane	SP 2013-2014	<b>CS</b> India, 1977, Cyclone	SP 2008
<b>CS</b> DR Congo, 2008-16, Conflict	SP 2015-2016	<b>CS</b> India, 1971, Conflict	SP 2008
<b>CS</b> DR Congo, 2009, Conflict	SP 2009	<b>OV</b> Indonesia, 2009, Earthquake	SP 2010
<b>UP</b> DR Congo, 2002, Volcano	SP 2011-2012	<b>CS</b> Indonesia, 2009, Earthquake (3)	SP 2010
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## ACRONYMS

<b>BBS</b>	Build Back Safer	<b>HLP</b>	Housing, Land and Property
<b>BoQ</b>	Bill of Quantities	<b>INGO</b>	International Non-Governmental Organization
<b>CBO</b>	Community Based Organization	<b>MoU</b>	Memorandum of Understanding
<b>CGI</b>	Corrugated Galvanized Iron	<b>M&amp;E</b>	Monitoring and Evaluation
<b>CSO</b>	Civil Society Organization	<b>NFI</b>	Non-Food Item(s)
<b>CCCM</b>	Camp Coordination and Camp Management	<b>NGO</b>	Non-Governmental Organization
<b>DRR</b>	Disaster Risk Reduction	<b>PDM</b>	Post-Distribution Monitoring
<b>GBV</b>	Gender-Based Violence	<b>SOP</b>	Standard Operating Procedures
<b>HH</b>	Household	<b>WASH</b>	Water, Sanitation and Hygiene

## CONVERSION TABLES

These tables are included to help readers convert the measurements in the Bills of Quantities. The data on this page is all rounded to 4 significant figures. Penny sizes are rounded to the nearest millimeter (mm).

For equivalence tables in timber sizing, see UN OCHA / IFRC / CARE International publication: *"Timber as a construction material in humanitarian operations"*

Length				
<b>Imperial</b>	1 inch (in)	1 foot (ft) = 12 inches	1 yard (yd) = 3 feet = 36 inches	1 mile = 1760 yd
<b>Metric</b>	25.4mm	304.8mm	0.9144 m	1.609 km

Area					
<b>Imperial</b>	1 square foot (sq. ft)	1 square yard (yd <sup>2</sup> )	1 acre = 4,840 yd <sup>2</sup>	30.25 yd <sup>2</sup>	2.471 acres
<b>Metric</b>	0.0929 m <sup>2</sup>	0.8361 m <sup>2</sup>	4046.9 m <sup>2</sup>	1 perch	1 hectare = 10,000 m <sup>2</sup>

Volume			
<b>Imperial</b>	1 cubic foot (ft <sup>3</sup> )	1 cubic yard (yd <sup>3</sup> )	
<b>Metric</b>	28.32 litres = 0.02832 m <sup>3</sup>	0.7646m <sup>3</sup>	
<b>Other</b>	1 gallon (UK) = 4.546 litres	1 liquid gallon (US) = 3.785 litres	1 dry gallon (US) = 4.405 litres

Weight				
<b>Imperial</b>	1 pound (lb)	1 ton (T) (UK: long ton)	Ton (US: net ton, short ton)	
<b>Metric</b>	0.4536 kg	1016 kg = 1.1016 MT	907.2 kg = 0.9072 MT	
<b>Other</b>	1 stone = 16 lb.	1 lb = 16 ounces (Oz)	1 hundredweight (cwt.) (US) = 100 lb.	1 cwt. (UK) = 112 lb.
<i>Note: There are several different imperial systems of weights. We quote the British imperial ton as in the Weights and Measures Act of 1824, and the United States customary system.</i>				

Nails - "Penny Sizes"													
<b>Imperial</b>	Penny Size	2d	3d	4d	6d	8d	10d	16d	20d	40d	50d	60d	100d
	Inches	1	1¼	1½	2	2½	3	3½	4	5	5½	6	10
<b>Metric</b>	Nearest length (mm)	25	32	38	51	54	76	89	102	127	140	152	254

## FURTHER READING AND RESOURCES

In compiling this edition of *Shelter Projects*, we have drawn on key informant interviews and a variety of sources. Some of the published sources are listed below under General statistics and websites, whilst others were project documents.

Also included are a list of key shelter texts, which readers can refer to for many of the shelter-related issues raised by these case studies. Some of them are directly cited in the text. Visit [www.shelterprojects.org](http://www.shelterprojects.org) for a full list of resources for download.

### GENERAL STATISTICS

**CRED, EM-DAT disaster database:** Global database of world disasters. [www.emdat.be](http://www.emdat.be)

**IFRC, World Disasters Report, 2016 / IFRC, World Disasters Report, 2015:** Annual report providing a global overview of disaster trends. <http://bit.ly/2aXaYzG>

**IFRC Reports:** including Appeals, Operational updates, and Final, Mid-year and Annual reports. [www.reliefweb.int](http://www.reliefweb.int)

**IDMC/ NRC, Internal Displacement Global Overview of Trends and Developments in 2010**  
[www.internal-displacement.org](http://www.internal-displacement.org)

**UN OCHA, Sitreps:** Situation reports on major responses. <http://bit.ly/OCsTRK>

**UN OCHA Appeal documents:** Financial appeals, action plans and reviews with narratives for OCHA coordinated responses. <http://www.unocha.org/cap/>

**UNHCR, Global Trends 2015**  
<http://www.unhcr.org/576408cd7.pdf>

### WEBSITES

**[www.sheltercluster.org](http://www.sheltercluster.org)**  
Home page of the Global Shelter Cluster - the coordination mechanism for shelter responses. Contains links to individual responses, including strategy documents.

**[www.sphereproject.org](http://www.sphereproject.org)**  
Download the Sphere Handbook, find information on trainings and other activities from the Sphere Project. The Sphere Project aims to improve the quality of humanitarian assistance and the accountability of humanitarian actors to their constituents, donors and affected populations.

**[www.humanitarianlibrary.org](http://www.humanitarianlibrary.org)**  
The Humanitarian Library is designed as a global clearing house for regional humanitarian knowledge. As a user-oriented resource, it is designed to be the first reference for both sharing and searching for field-relevant documents.

**<http://procurement.ifrc.org/catalogue/>**  
IFRC/ICRC Emergency relief items catalogue: detailed specifications of all items commonly used by IFRC, ICRC, IOM and other organizations.

**<https://www.youtube.com/user/ShelterCluster>**  
Global Shelter Cluster Youtube channel.

**[www.reliefweb.int](http://www.reliefweb.int)**  
Up to date information on complex emergencies and natural disasters as well as an archive of information, field reports and situation reports from emergencies since 1996. OCHA situation reports (sitreps) and IFRC appeal documents and operations updates have been of particular use in compiling these case studies.

**<http://www.globaldtm.info/>**  
The Displacement Tracking Matrix (DTM) is a system to track and monitor the displacement and population mobility. It is designed to regularly and systematically capture, process and disseminate information to provide a better understanding of the movements and evolving needs of displaced populations, whether on site or en route.

**Cuny/Intertect collection:** <http://bit.ly/2oY4IFR>  
Digital collection of Frederick Cuny's working library, office files, press clippings, slides, photos and videos of Cuny and his team at the disaster relief/response firm, Intertect.

### KEY SHELTER PUBLICATIONS

**Camp Management Toolkit**  
The toolkit gives official guidelines on the setup and running of camps and settlements, both in emergencies and long-term situations. Available at: <http://cmttoolkit.org/>

**Care International, Gender and Shelter: Good programming guidelines, 2016**  
Guidelines to provide practical guidance on how to integrate gender in the shelter sector, enabling shelter programmes to address the needs of affected communities more successfully. Available at: <http://bit.ly/2nj3PAX>

**Corsellis and Vitale, Transitional Settlement: Displaced Populations, Oxfam publishing, 2005**  
Guidelines for the strategic planning and implementation of settlement responses for displaced populations. Available at: <http://bit.ly/2mUXhaq>

**CRATerre, IFRC, Assessing local building cultures for resilience & development: A practical guide for community-based assessment.**  
This guide is a tool for those working on habitat and community resilience, to improve the quality of their interventions. Available at: <http://bit.ly/2ni6XNp>

**CRS, Pintakasi: A review of shelter/WASH delivery methods in post-disaster recovery interventions, 2016**  
A study to assess the efficiency, effectiveness and appropriateness of shelter and WASH assistance modalities in the Filipino context. Available at: <http://bit.ly/2ofS7aW>

**CRS, Using Cash for Shelter, 2015**  
An analysis of CRS shelter programmes to understand when cash works, why it works, and what factors contribute to its success or failure. Available at: <http://bit.ly/2nzsVhn>

**CRS, Extending Impact: Factors influencing households to adopt hazard-resistant construction practices in post-disaster settings, 2015**

A study to understand what influences people's behaviour by analysing what prompts, guides or drives people to behave in a certain way, in relation to the use of hazard-resistant construction practices: Available at: <http://bit.ly/2nixXwp>

**CRS, How-to Guide: Managing Post-Disaster (Re)-construction projects**

A step-by-step management guide for the two main construction modalities; owner-driven and contractor-built construction projects. Available at: <http://bit.ly/2nLIO66>

**Global Shelter Cluster, Selecting NFIs for shelter - 2008**

Provides information, case studies and guidance on how to choose the best items to distribute to those affected by natural disaster or conflict. Available at: <http://bit.ly/2oLAgZ9>

**Global Shelter Cluster, GBV in Shelter Programming**

Set of documents which aim to provide tools to help shelter actors to mainstream GBV risk mitigation in their shelter programming. Available at: <https://www.sheltercluster.org/gbv>

**IFRC, Owner Driven Housing Reconstruction Guidelines (ODHR), 2010**

Guidance on the planning and implementation of assisted self help reconstruction projects. Available at: <http://bit.ly/2nbyEbf>

**IFRC, The IFRC shelter kit, 2010**

A guide on the IFRC shelter kit and how to use it. Available at: <http://bit.ly/1tdEV3p>

**IFRC, Shelter Designs: Structural Reviews (2 publications)**

A review of risks in shelter construction and detailed structural analysis of different post-disaster and transitional shelter designs that have been used in the field in large scale projects. Available at: <http://bit.ly/2nVPLhr>

**IFRC, Participatory Approach for Safe Shelter Awareness**

PASSA aims to raise the awareness of the 'everyday risks' faced by vulnerable populations, related to their built environment, and foster locally appropriate safe shelter and settlement practices. Available at: <http://bit.ly/2lqQBUA>

**IFRC, Handicap International, CBM, All under One Roof.**

A guideline for providing disability inclusive shelter and settlement solutions in emergencies. <http://bit.ly/2ng7Xkn>

**IFRC, Oxfam GB, Plastic sheeting, 2007**

A guide to the use and specification of plastic sheeting in humanitarian relief. An illustrated booklet on when and how to use plastic sheeting most effectively in emergencies. Available at: [www.plastic-sheeting.org](http://www.plastic-sheeting.org)

**UN OCHA, Tents - A guide to the use and logistics of tents in humanitarian relief, 2004**

A booklet describing when and how to use tents, as well how to support those living in them to best adapt them to meet their needs. Available at: <http://www.alnap.org/resource/8341>

**UN OCHA, IFRC, CARE International, Timber as a construction material in humanitarian operations, 2009**

An illustrated booklet on how to source and use timber for the construction of basic structures. Available at: <http://bit.ly/2mUWUwy>

**MSF, Shelter Centre, Shade Nets: Use, deployment and procurement of shade net in humanitarian relief environments.** Available at: <http://bit.ly/2nzpUxq>

**Jha, A., Duyn Barenstein, J., Phelps, P., Pittet, D., Sena, S., Stronger Homes, Stronger Communities**

A handbook developed to assist policy makers and project managers, engaged in large-scale post-disaster reconstruction programmes, make decisions about how to reconstruct housing and support communities after natural disasters. Available at: <http://bit.ly/2onN2AF>

**Maynard, V., Parker, E. and Twigg, J. (2017). The effectiveness and efficiency of interventions supporting shelter self-recovery following humanitarian crises: An evidence synthesis. Humanitarian Evidence Programme. Oxford: Oxfam GB.** Available at: <http://bit.ly/2nfUOHV>

**NRC, Shelter Centre, Urban Shelter Guidelines, 2010**

General guidance for urban humanitarian response. Available at: <http://bit.ly/2nbyOzu>

**NRC/IFRC, Security of tenure in humanitarian shelter operations, 2013**

A short report highlighting the regulatory barriers to the provision of short and medium term shelter solutions, presented in collaboration through several case studies. Available at: <http://bit.ly/2nMXmSs>

**UNDRO, (now UN OCHA), Davis, I., Shelter After Disaster, Guidelines for Assistance, 1982**

Guidelines and description of shelter provision in all aspects of natural disasters (from preparedness to reconstruction). Available at: <http://bit.ly/2o9cfl8>

**Shelter Centre, UN, DfID, Shelter after disaster - Strategies for transitional settlement and reconstruction, 2010**

A book containing information and guidance on how to agree strategies for reconstruction after natural disasters. Contains description of the types of shelter programmes that organizations can implement. Available at: <http://bit.ly/2nbLOFu>

**Sphere Project, Sphere - Humanitarian charter and minimum standards in humanitarian response, 2011**

Contains consensus standards agreed among major humanitarian organizations for key sectors, including shelter and settlement. It also contains actions, indicators and guidance notes as to whether standards have been achieved. Available at: <http://www.sphereproject.org/handbook/>

**UN HABITAT, IFRC, UNHCR, Shelter Projects**

Case studies and overviews of humanitarian shelter and settlement responses. Five editions spanning 2008-2014. Available at: [www.shelterprojects.org](http://www.shelterprojects.org)

**UNHCR, Handbook for Emergencies, 4<sup>th</sup> Edition, 2015**

Handbook and tool containing guidance on the management and all key sectors in emergency operations. Available at: <https://emergency.unhcr.org/>

**WWF and American Red Cross, Green Recovery and Reconstruction, 2010**

The GRRT is a toolkit and training programme designed to increase awareness and knowledge of environmentally responsible disaster response approaches. Available at <http://envirodm.org/green-recovery>

