C.1 Index of case studies by country

This index lists all the case studies in this book and all the previous editions of Shelter Projects (2008, 2009, 2010 and 2011-2012). It is sorted by country and by date. Projects are colour coded as follows:

**Case studies**
- Updates - Follow up reports on existing case studies, and technical analyses of individual shelter designs.
- Historic case studies - Case studies of projects before 2000

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<td>Romania</td>
<td>2010</td>
<td>Floods</td>
<td>Shelter Projects 2011-2012</td>
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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 mm.

### Length

<table>
<thead>
<tr>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 inch (in.)</td>
<td>25.4 mm = 2.54 cm</td>
</tr>
<tr>
<td>1 feet (ft.) = 12 in.</td>
<td>304.8 mm</td>
</tr>
<tr>
<td>1 yard (yd.) = 3 ft. = 36 in.</td>
<td>0.9144 m</td>
</tr>
<tr>
<td>1 mile = 1760 yd.</td>
<td>1.609 km</td>
</tr>
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</table>

For equivalence tables in timber sizing see UNOCHA / IFRC / CARE International, Timber

### Area

<table>
<thead>
<tr>
<th>Imperial</th>
<th>Metric</th>
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</thead>
<tbody>
<tr>
<td>1 square feet (sq. ft.)</td>
<td>0.0929 m²</td>
</tr>
<tr>
<td>1 square yard (yd²) = 9 sq. ft.</td>
<td>0.8361 m²</td>
</tr>
<tr>
<td>1 acre</td>
<td>4046.9 m²</td>
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</tbody>
</table>

1 perch = 30.25 yd²  
1 acre = 4,840 yd²  
1 hectare = 10,000 m²

### Volume

<table>
<thead>
<tr>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 cubic feet (ft³)</td>
<td>28.32 litres = 0.02832 m³</td>
</tr>
<tr>
<td>1 cubic yard (yd³)</td>
<td>0.7646 m³</td>
</tr>
</tbody>
</table>

1 US liquid gallon = 3.785 litres  
1 US dry gallon = 4.405 litres  
1 imperial (UK) gallon = 4.546 litres

### Weight

<table>
<thead>
<tr>
<th>Imperial</th>
<th>Metric</th>
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<tbody>
<tr>
<td>1 pound (lb)</td>
<td>0.4536 Kg</td>
</tr>
<tr>
<td>Ton (UK, long ton)</td>
<td>1.1016 MT = 1016 Kg</td>
</tr>
<tr>
<td>Ton (US, net ton, short ton)</td>
<td>0.9072 MT = 907.2 Kg</td>
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</tbody>
</table>

Note that 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. Additional useful conversions are:

1 lb = 16 Ounces (Oz.)  
1 stone = 14 pounds (lb.)  
1 hundredweight (cwt.) - UK = 112 lb.  
1 hundredweight (cwt.) - US = 100 lb.

### Nails - “penny sizes”

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<th>Imperial</th>
<th>Penny size</th>
<th>2d</th>
<th>3d</th>
<th>4d</th>
<th>6d</th>
<th>8d</th>
<th>10d</th>
<th>16d</th>
<th>20d</th>
<th>40d</th>
<th>50d</th>
<th>60d</th>
<th>100d</th>
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<td>4</td>
<td>5</td>
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<td>6</td>
<td>10</td>
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<tr>
<td>Metric</td>
<td>Nearest length (mm)</td>
<td>25</td>
<td>32</td>
<td>38</td>
<td>51</td>
<td>64</td>
<td>76</td>
<td>89</td>
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<td>254</td>
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Further reading and resources

Further Reading
In compiling this edition of Shelter Projects, we have drawn on key informant interviews, and a variety of sources. The published sources are listed below under General statistics and websites.

We also include a list of background documents - these are key shelter texts in which readers can find further reading on many of the shelter related issues raised by these case studies. Some of them are directly referred to in the text.

General statistics
CRED, EM-DAT disaster database.
www.emdat.be.
Global database of world disasters
IFRC, World Disasters Report, 2014 - Focus on culture and risk
IFRC, World Disasters Report, 2013 - Focus on technology and the future of humanitarian action
Available from www.ifrc.org
Annual report providing a global overview of disaster trends
IFRC, reports
Available from reliefweb.int
These include Appeals, Operational updates, final, mid year and annual reports.
IDMC/ NRC, Internal Displacement Global Overview of Trends and Developments in 2010
Available from www.internal-displacement.org
OCHA, Sitreps, Available from reliefweb.int.
Situation reports on major responses
OCHA appeal documents
http://www.unocha.org/cap/
Financial appeals, action plans and reviews with narratives for OCHA coordinated responses.
UNHCR, Global Trends 2010
Available from www.unhcr.org

Websites
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
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.shelterlibrary.org
A library of free documents relating to transitional settlement and reconstruction.

humanitarianlibrary.org
The Humanitarian Library is designed as a global clearinghouse 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.

UNHCR Data portal
data.unhcr.org
Regional response portals for individual refugee related responses.

www.disasterassessment.org
A site where members of the disaster management community can meet to exchange tools and case studies related to disaster risk assessment.
IFRC/ICRC Emergency relief items catalogue - website
http://procurement.ifrc.org/catalogue/
Detailed specifications of all items commonly used by IFRC and ICRC

IFRC Shelter video channel
bit.ly/ifrcshelter
Red Cross Red Crescent videos related to emergency shelter

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.

Key shelter publications

Camp management project, Camp Management Toolkit 2008
Available from: www.nrc.no/camp
A comprehensive field manual for camp management organisations and stakeholders involved in camp operations.

Charlesworth E., Humanitarian Architecture, 15 stories of architects working after disasters.
Available on www.routledge.com and amazon.com
An analysis of the role and engagement of architects to respond to the design and planning challenges of rebuilding post-disaster sites and cities.

Corsellis and Vitale, Transitional Settlement: Displaced Populations, Oxfam publishing, 2005
Available from: www.shelterlibrary.org
Guidelines for the strategic planning and implementation of settlement responses for displaced populations.

IASC, Shelter Centre, Selecting NFIs for shelter - 2008.
Available from: www.shelterlibrary.org
Provides information, case studies and guidance on how to choose the best items to distribute to those affected by natural disaster or conflict.

ICRC/IFRC Guidelines for cash transfer programming - 2007
Available from: www.ifrc.org/
Provides information on when and how to distribute cash in disaster response.

Available from: www.ifrc.org
Practical information and guidance on how to conduct assessments in emergencies.

IFRC Owner Driven Housing Reconstruction Guidelines (ODHR), 2010
Available from: www.ifrc.org
Guidance on the planning and implementation of assisted self help reconstruction projects.

IFRC, Oxfam GB, Plastic sheeting, 2007
Available from: www.plastic-sheeting.org
A guide to the use and specification of plastic sheeting in humanitarian relief, 2007. An illustrated booklet on when and how to use plastic sheeting most effectively in emergencies.

IFRC, The IFRC shelter kit, 2010
Available from: www.shelterlibrary.org
A guide on the IFRC shelter kit and how to use it.

IFRC, Transitional Shelter: Eight Designs, 2011
A review of risks in shelter construction and detailed structural analysis of eight different transitional shelters designs that have been used in the field in large scale projects.

IFRC, post-disaster shelter – 10 designs
Available from www.sheltercasestudies.org
A compilation of technical designs of selected shelter projects.
Mike Albu, The Emergency Market Mapping and Analysis Toolkit,
Available from: http://emma-toolkit.org
A toolkit designed for generalists, as well as specialist staff on how to conduct an emergency market mapping
analysis.

NRC, Shelter Centre, Urban Shelter Guidelines
Available from: www.shelterlibrary.org
General guidance for urban humanitarian response.

NRC/IFRC, Security of tenure in humanitarian shelter operations
Available on www.ifrc.org/documents
A short report highlighting the regulatory barriers to the provision of short and medium term shelter solutions,
presented in collaboration through several case studies.

Shelter Centre, UN, DfID, Shelter after disaster - Strategies for transitional settlement and
reconstruction, 2010
Available from: www.shelterlibrary.org
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 organisations can implement.

UNDRO, (now UNOCHA), Davis, I., Shelter After Disaster, Guidelines for Assistance, 1982
Available from: www.shelterlibrary.org
Guidelines and description of shelter provision in all aspects of natural disasters (from preparedness to reconstruction).

Sphere Project, Sphere - Humanitarian charter and minimum standards in humanitarian
response, 2011
Available from: www.sphereproject.org
Contains consensus standards agreed among major humanitarian organisations for key sectors including shelter
and settlement. It also contains actions, indicators and guidance notes as to whether standards have been achieved.

Sultan Barakat, HPN Network paper 043, Housing reconstruction after conflict and disaster,
ODI, 2003
Review of housing reconstruction experiences and approaches.

UNHABITAT, IFRC, UNHCR, Shelter Projects 2011-12
Available from: www.ShelterCaseStudies.org
Case studies of shelter projects.

UNHABITAT, IFRC, UNHCR, Shelter Projects 2010
Available from: www.ShelterCaseStudies.org
Case studies of shelter projects.

UNHABITAT, IFRC, Shelter Projects 2009
Available from: www.ShelterCaseStudies.org
Case studies of shelter projects.

UNHABITAT, IFRC, UNHCR, Shelter Projects 2008
Available from: www.ShelterCaseStudies.org
Case studies of shelter projects.

UNHABITAT, Land and Natural Disasters - Guidance for Practitioners, 2010
Available from: www.disasterassessment.org or from unhabitat.org
A book containing guidance on land issues following natural disasters.

Available from: http://www.unhcr.org
A book containing guidance on the management and all the key sectors in refugee emergencies.
*Designs and guidance on the construction of temporary learning spaces.*

UN/OCHA, Tents - A guide to the use and logistics of tents in humanitarian relief, 2004
Available from: www.shelterlibrary.org
*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.*

UN/OCHA / IFRC / CARE International, Timber as a construction material in humanitarian operations, 2009
Available from: www.humanitariantimber.org
*An illustrated booklet on how to source and use timber for the construction of basic structures.*