



Appendix A

Bibliography and Sources of Information

FEMA and other organizations have produced many documents about floodproofing and flood hazard mitigation. Those listed below provide information that may be useful to a homeowner who is thinking about undertaking a retrofitting project or to a homeowner's designer or builder.

ASCE (American Society of Civil Engineers). 2005a. *Flood Resistant Design and Construction*. ASCE Standard ASCE 24-05.

ASCE. 2010. *Minimum Design Loads for Buildings and Other Structures*. ASCE Standard ASCE 7-10.

FEMA (Federal Emergency Management Agency). 1999. *Protecting Building Utilities from Flood Damage*. FEMA 348.

FEMA. 2000. *Above the Flood: Elevating Your Floodprone House*. FEMA P-347.

FEMA. 2005. *Reducing Damage from Localized Flooding*. FEMA 511.

FEMA. 2006. *Homebuilders' Guide to Earthquake-Resistant Design and Construction*. FEMA 232.

FEMA. 2009. *Recommended Residential Construction for Coastal Areas: Building on Strong and Safe Foundations*. FEMA P-550.

FEMA. 2010a. *Protecting Utilities*. FEMA 499, Fact Sheet No. 8.3.

FEMA. 2010b. *Substantial Improvement/Substantial Damage Desk Reference*. FEMA P-758.

FEMA. 2010c. *Wind Retrofit Guide for Residential Buildings*. FEMA P-804.

FEMA. 2011a. *Anchor Fuel Tanks: Protect Your Property from Flooding*. FEMA Fact Sheet.

FEMA. 2011b. *Coastal Construction Manual: Principles and Practices of Planning, Siting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas*. FEMA P-55, Fourth Edition.

FEMA. 2012a. *Engineering Principles and Practices for Retrofitting Flood-Prone Residential Structures*. FEMA P-259, Third Edition.

- FEMA. 2012b. *Minimizing Damage to Electrical Service Components*. Hurricane Isaac Recovery Advisory No. 2.
- FEMA. 2012c. *Minimizing Wind and Water Intrusion by Covering the Underside of Elevated Buildings*. Hurricane Isaac Recovery Advisory No. 1.
- FEMA. 2013a. *Cleaning Flooded Buildings*. Hurricane Sandy Recovery Fact Sheet No. 1.
- FEMA. 2013b. *Designing for Flood Levels Above the BFE After Hurricane Sandy*. Hurricane Sandy Recovery Advisory No. 5.
- FEMA. 2013c. *Foundation Requirements and Recommendations for Elevated Homes*. Hurricane Sandy Recovery Fact Sheet No. 2.
- FEMA. 2013d. *Hurricane Sandy in New Jersey and New York*. FEMA P-942.
- FEMA. 2013e. *Reducing Flood Risk and Flood Insurance Premiums for Existing Residential Buildings in Zone A*. Hurricane Sandy Recovery Advisory No. 7.
- FEMA. 2013f. *Restoring Mechanical, Electrical, and Plumbing Systems*. Hurricane Sandy Recovery Advisory No. 3.
- FEMA. 2013g. *Unified Hazard Mitigation Assistance Guidance*.
- FM Approvals. 2006. *Approval Standard for Flood Abatement Equipment*. FM Standard 2510.
- International Code Council. 2012. *2012 International Building Code (IBC 2012)*.
- International Code Council. 2012. *2012 International Existing Building Code (IEBC 2012)*.
- International Code Council. 2012. *2012 International Residential Code (IRC 2012)*.
- OSHA (Occupational Safety and Health Administration). 2012a. *Hurricane Sandy Cleanup PPE Matrix*. Fact Sheet, OSHA-FS-3612.
- OSHA. 2012b. *Mold Hazards During Hurricane Sandy Cleanup*. Fact Sheet, OSHA-FS-3619.

Federal Emergency Management Agency – Technical Bulletin Links

- Openings in Foundation Walls and Walls of Enclosures, Technical Bulletin 1, August 2008,
<http://www.fema.gov/media-library/assets/documents/2644>.
- Flood Damage-Resistant Materials Requirements, Technical Bulletin 2, August 2008,
<http://www.fema.gov/media-library/assets/documents/2655>.
- Non-Residential Floodproofing – Requirements and Certification. Technical Bulletin 3, April 1993,
<https://www.fema.gov/media-library/assets/documents/3473>.
- Free-of-Obstruction Requirements, Technical Bulletin 5, August 2008,
<http://www.fema.gov/media-library/assets/documents/3490>.

Wet Floodproofing Requirements, FIA-TB-7, December 1993,
<http://www.fema.gov/media-library/assets/documents/3503>.

U.S. Army Corps of Engineers

Tests of Brick-Veneer Walls and Closures for Resistance to Floodwaters, May 1978.
<http://www.dtic.mil/docs/citations/ADA064860>.

Structural Integrity of Brick-Veneer Buildings, 1978. <http://www.dtic.mil/docs/citations/ADA055972>.

Systems and Materials to Prevent Floodwaters from Entering Buildings, May 1985.
<http://www.dtic.mil/dtic/tr/fulltext/u2/a156050.pdf>.

USACE National Flood Proofing Committee: Flood Proofing Tests – Tests of Materials and Systems for Flood Proofing Structures, August 1988. <http://cdm16021.contentdm.oclc.org/cdm/ref/collection/p16021coll11/id/6>.

Flood Proofing – How to Evaluate Your Options, July 1993. <http://www.usace.army.mil/Library/Pages/default.aspx>.

For additional information about natural hazards and hazard mitigation, visit the Internet sites listed below:

American Red Cross

<http://www.redcross.org>

Applied Technology Council

<http://www.atcouncil.org>

Association of State Floodplain Managers

<http://www.floods.org>

Disaster Research Center, University of Delaware

<http://www.udel.edu/DRC/>

Federal Alliance for Safe Homes

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

Federal Emergency Management Agency

<http://www.fema.gov>

Hazard Reduction and Recovery Center (HRRC), Texas A&M

<http://archone.tamu.edu/hrrc/>

Insurance Institute for Business & Home Safety (IBHS)

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

National Association of Home Builders

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

National Flood Insurance Program (NFIP)

<http://www.floodsmart.gov/floodsmart/>

National Geophysical Data Center

<http://www.ngdc.noaa.gov>

National Information Service for Earthquake Engineering, University of California at Berkeley

<http://nisee.berkeley.edu>

Natural Hazards Center at the University of Colorado, Boulder, Colorado

<http://www.colorado.edu/hazards>

StromStruck – A Tale of Two Homes

<http://www.stormstruck.com/>

U. S. Army Corps of Engineers – National Nonstructural Flood Proofing Committee

<http://www.usace.army.mil/Missions/CivilWorks/ProjectPlanning/nfpc.aspx>

U.S. Department of Housing and Urban Development (HUD) – Office of Policy Development and Research (PDNR)

<http://www.huduser.org/portal/index.php>

U. S. Geological Survey – Earthquake Hazards Program

<http://quake.wr.usgs.gov>

U. S. Natural Resources Conservation Service

<http://www.nrcs.usda.gov>

Wind Engineering Research Center, Texas Tech University

<http://www.depts.ttu.edu/weweb/>