

Chapter-3

The Disciplines of Emergency Management: Mitigation



FIGURE 3.1: Stratford, Connecticut. December 6, 2012—These summer cottages are examples of homes not severely damaged by Hurricane Sandy due in large part to being elevated on pilings. FEMA is in the area with mitigation specialists who are knowledgeable about the value of pilings to support coastal homes. Photo by Marilee Caliendo/FEMA.



FIGURE 3.2: Fairfield, Alabama, Jun. 20, 2014—FEMA Mitigation Community Education Outreach (OEC) specialists visit a hardware store in a disaster-affected community in Alabama in order to provide residents with technical assistance about mitigation options. Photo credit: Patsy Lynch, FEMA, Jun. 20, 2014.



FIGURE 3.3: Pass Christian, Ms., Sep. 27, 2005—This Pass Christian (MS) home, which is constructed of steel reinforced concrete and closely follows hurricane-specific FEMA building standards, was the only house in its neighborhood to survive when Hurricane Katrina struck. Most other homes in the neighborhood were reduced to their foundations. Photo credit: John Fleck, FEMA, Sep. 27, 2005. Susie Shapira/FEMA.



FIGURE 3.4: Valley City, North Dakota, Apr. 13, 2009. Members of the US Army Corps of Engineers inspect the site of a levee where severe seepage threatens the integrity of the levee in downtown Valley City, North Dakota. The Corps is working with city officials and the National Guard to ensure the safety of the levees in the town. Photo by Patsy Lynch/FEMA.



FIGURE 3.5: Albany, New York. This church is being moved half a mile to higher ground as part of the Stryker Road relocation project in Schoharie County, New York. The Hazard Mitigation Grant and Public Assistance Programs helped fund the project. Schoharie County Planning and Development Agency photos.



FEMA

Homeowner Flood Insurance Affordability Act

Overview

On March 21, 2014, President Obama signed the Homeowner Flood Insurance Affordability Act of 2014 into law.

This law repeals and modifies certain provisions of the Biggert-Waters Flood Insurance Reform Act, which was enacted in 2012, and makes additional program changes to other aspects of the program not covered by that Act. Many provisions of the Biggert-Waters Flood Insurance Reform Act remain and are still being implemented.

While FEMA actively works to implement the new law, we encourage policyholders to maintain and keep current flood insurance policies. FEMA does NOT recommend cancelling a flood insurance policy. Cancelling flood insurance policies now will leave policyholders unprotected during spring flooding and may cause policyholders to lose important discounts on their rate if they reinstate in the future.

- The new law lowers the recent rate increases on some policies, prevents some future rate increases, and implements a surcharge on all policyholders. The Act also repeals certain rate increases that have already gone into effect and provides for refunds to those policyholders. The Act also authorizes additional resources for the National Academy of Sciences (NAS) to complete the affordability study.
- FEMA looks forward to working with Congress, the private Write Your Own insurance companies, and other stakeholders to implement these Congressionally mandated reforms and to working toward our shared goals of helping families maintain affordable flood insurance, ensuring the financial stability of the NFIP, and reducing the risks and consequences of flooding nationwide. FEMA will also continue to identify and publish special flood hazards and flood risk zones as authorized and required by Congress.
- FEMA has actively begun analyzing and prioritizing implementation of the new law. We will be working with the private Write Your Own insurance companies in the next few weeks to seek their input and expertise prior to issuing business practice bulletins.
- It is not possible for changes to happen immediately. While the new law does require some changes to be made retroactively, applying to certain policies written after July 6, 2012, other changes require establishment of new programs, processes and procedures.
- FEMA's initial priority is assessing potential changes to the NFIP's business processes to stop policy increases for certain subsidized policyholders as outlined in the Act.
- FEMA also plans to issue guidance in the months ahead for the Write Your Own insurance companies to begin issuing refunds as outlined in the law for some policyholders who were previously impacted by subsidy phase outs.
- More information on the new law and its impacts on the NFIP will be forthcoming.

REFUNDS

- For certain flood insurance policies affected by the Pre-Flood Insurance Rate Map (Pre-FIRM) subsidy elimination required by BW-12, the new law mandates refunds of the excess premiums that those policyholders were charged pursuant to the requirements of BW-12. Refunds will not affect all subsidized policyholders who received rate increases as directed by Congress in BW-12, only policyholders for whom the rate increases under BW-12 were revoked by the new law. Refunds will affect only a small percentage of the overall NFIP policy base.
 - Prior to restoring and refunding premiums, FEMA is required by the Homeowner Flood Insurance Affordability Act to consult with its partner insurers (Write-Your-Own insurance companies or WYOs) to develop guidance and rate tables.
 - In accordance with the new law, FEMA will work to develop and finalize its guidance and rate tables within eight months.
 - The law provides WYO insurance companies between six and eight months to implement the changes and update systems to implement the guidance.
- FEMA is working closely with the WYO insurance companies to develop a timetable for processing refunds expeditiously.
- REFUNDS APPLY TO:
 - Policyholders in high-risk areas who were required to pay their full-risk rate after purchasing a new flood insurance policy on or after July 6, 2012.
- REFUNDS MAY APPLY TO:
 - Policyholders who renewed their policy after the Homeowner Flood Insurance Affordability Act was enacted on March 21, 2014 and whose premium increased more than 18 percent .
- REFUNDS DO NOT APPLY TO:
 - Policyholders paying the 25 percent annual rate increases, as required by Congress in BW-12, for a Pre-FIRM subsidized non-primary residence, business, Severe Repetitive Loss property, or building that was substantially damaged or improved.
 - Policyholders whose full-risk premium is less than the Pre-FIRM subsidized premium, or who were not overcharged according to any retroactive revisions to the Pre-FIRM subsidized rates required by the new law.
- Policyholders who saw usual, annual rate increases in 2013 or 2014, or policyholders who paid the 5 percent fee, as required by BW-12, for the NFIP Reserve Fund, will only see a refund if their premium renewal was after March 21, 2014 and their total premium, including the reserve fund, exceeded 18 percent.

PREMIUM RATES FOR SUBSIDIZED POLICIES

- The new law requires gradual rate increases to properties now receiving artificially low (or subsidized) rates instead of immediate increases to full-risk rates required in certain cases under BW-12.
- FEMA is required to increase premiums for most subsidized properties by no less than 5 percent annually until the class premium reaches its full-risk rate. It is important to note that close to 80 percent of NFIP policyholders paid a full-risk rate prior to either BW-12 or HFIAA, and are minimally impacted by either law.
- With limited exceptions flood insurance premiums cannot increase more than 18 percent annually.
 - There are some exceptions to these general rules and limitations. The most important of these exceptions is that policies for the following properties will continue to see up to a 25 percent

- annual increases as required by BW-12 until they reach their full-risk rate: Older business properties insured with subsidized rates;
 - Older non-primary residences insured with subsidized rates;
 - Severe Repetitive Loss Properties insured with subsidized rates;
 - and buildings that have been substantially damaged or improved built before the local adoption of a Flood Insurance Rate Map (known as Pre-FIRM properties).
- In order to enable new purchasers of property to retain Pre-FIRM rates while FEMA is developing its guidelines, a new purchaser will be allowed to assume the prior owner's flood insurance policy and retain the same rates until the guidance is finalized. Also, lapsed policies receiving Pre-FIRM subsidized rates may be reinstated with Pre-FIRM subsidized rates pending FEMA's implementation of the rate increases required by the Homeowner Flood Insurance Affordability Act.

NEW SURCHARGE ON ALL POLICIES

- A new surcharge will be added to all policies to offset the subsidized policies and achieve the financial sustainability goals of BW-12. A policy for a primary residence will include a \$25 surcharge. All other policies will include a \$250 surcharge. The fee will be included on all policies, including full-risk rated policies, until all Pre-FIRM subsidies are eliminated.

GRANDFATHERING

- The new law repeals a provision of BW-12 that required FEMA, upon the effective date of a new or updated Flood Insurance Rate Map, to phase in premium increases over five years by 20 percent a year to reflect the current risk of flood to a property, effectively eliminating FEMA's ability to grandfather properties into lower risk classes.
- Also for newly mapped in properties, the new law sets first year premiums at the same rate offered to properties located outside the Special Flood Hazard Area (preferred risk policy rates).
- With limited exceptions, flood insurance premiums cannot increase more than 18 percent annually.

FLOOD INSURANCE ADVOCATE

- The new law requires FEMA to designate a Flood Insurance Advocate to advocate for the fair treatment of NFIP policy holders.
- The Advocate will:
 - Educate property owners and policyholders on individual flood risks; flood mitigation; measures to reduce flood insurance rates through effective mitigation; the flood insurance rate map review and amendment process; and any changes in the flood insurance program as a result of any newly enacted laws;
 - Assist policy holders and property owners to understand the procedural requirements related to appealing preliminary flood insurance rate maps and implementing measures to mitigate evolving flood risks;
 - Assist in the development of regional capacity to respond to individual constituent concerns about flood insurance rate map amendments and revisions;
 - Coordinate outreach and education with local officials and community leaders in areas impacted by proposed flood insurance rate map amendments and revisions; and

- Aid potential policy holders in obtaining and verifying accurate and reliable flood insurance rate information when purchasing or renewing a flood insurance policy.

OTHER PROVISIONS

- The new law permits FEMA to account for property specific flood mitigation that is not part of the insured structure in determining a full-risk rate.
- The law requires that residential basement floodproofing be considered when developing full-risk rates after a map changes increasing the Base Flood Elevation in an area where residential basement floodproofing is permitted.
- The law mandates that FEMA develop an installment plan for non-escrowed flood insurance premiums, which will require changes to regulations and the Standard Flood Insurance Policy contract.
- The law increases maximum deductibles.
- The law encourages FEMA to minimize the number of policies where premiums exceed 1-percent of the coverage amount, and requires FEMA to report such premiums to Congress.

DRAFT AFFORDABILITY FRAMEWORK

- The new law requires FEMA to prepare a draft affordability framework, which is due to Congress 18 months after completion of the affordability study required by BW-12. The Affordability Study required by BW-12 is underway and is being conducted by the National Academies of Sciences, as specified in the BW-12 law.
- In developing the affordability framework, FEMA must consider:
 - accurate communication to customers of the flood risk,
 - targeted assistance based on financial ability to pay,
 - individual and community actions to mitigate flood risk or lower cost of flood insurance,
 - the impact of increases in premium rates on participation in NFIP,
 - and the impact of mapping update on affordability of flood insurance.
- The affordability framework will include proposals and proposed regulations for ensuring flood insurance affordability among low-income populations.

MAPPING

- The Homeowner Flood Insurance Affordability Act requires the Technical Mapping Advisory Council (TMAC) to review the new national flood mapping program authorized under the 2012 and 2014 flood insurance reform laws. The law requires the Administrator to certify in writing to Congress that FEMA is utilizing “technically credible” data and mapping approaches. The law also requires FEMA to submit the TMAC review report to Congress.
- FEMA will be looking to the TMAC for recommendations on how best to meet the legislatively mandated mapping requirements for the new mapping program including the identification of residual risk areas, coastal flooding information, land subsidence, erosion, expected changes in flood hazards with time, and others.

Federal Emergency Management Agency

- As the new national flood mapping program is being established, FEMA expects there will be opportunities to make incremental improvements to current procedures as it provides flood hazard data and information under the National Flood Insurance Program (NFIP). FEMA will make those improvements where necessary to ensure all ongoing changes to flood hazards continue to be effectively communicated, mitigated, and properly insured against.
- The law lifts the \$250,000 limit on the amount that FEMA can spend to reimburse homeowners for successful map appeals based on a scientific or technical error. Federal rulemaking is required in order to implement this provision.
- FEMA is authorized to account for reconstruction or improvements of flood protection, not just new construction. It authorizes FEMA to consider the existing present value of a levee when assessing adequate progress for the reconstruction of an existing flood protection system. The law extends certain provisions related to NFIP requirements in areas restoring discredited flood protection systems to coastal levees and clarifies that the levee needs to be considered without regard to the level of federal funding for the original construction or the restoration.
- The law exempts mapping fees for flood map changes due to habitat restoration projects, dam removal, culvert re-design or installation, or the installation of fish passages.
- The law requires FEMA to consider the effects of non-structural flood control features, such as dunes, and beach and wetland restoration when it maps the special flood hazard area.
- The law requires FEMA to enhance coordination with communities before and during mapping activities and requires FEMA to report certain information to members of Congress for each State and congressional district affected by preliminary maps.

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