

# ASFPM Nonstructural/Floodproofing Committee Status Report



Co-chairs: Larry Buss and George Riedel  
March 20, 2017



Annual Conference—Kansas City, Missouri (2017)

## Introduction

The ASFPM Nonstructural/Floodproofing Committee raises awareness about the need to reduce flood risk by using all the “tools” in the flood risk reduction “tool box.” The committee is focused on the implementation of all nonstructural measures including floodproofing.

In support of the ASFPM Goals and Objectives for 2016/2017, the committee had three broad focus areas:

1. Develop educational programs and resources focused on implementing more nonstructural measures;
2. Improve the science and practice of all aspects of floodproofing; and
3. Assist in the broad application of all nonstructural measures.

It is the overall objective of this committee to help the nation shift from first reliance on structural measures to first reliance on nonstructural measures.

## 2016/2017 Committee Co-chair Activities

The Nonstructural/Floodproofing Committee had the following standard business activities that the co-chairs attended to:

- Participated in the ASFPM Policy Committee Conference calls and the retreat, which was held in Madison, Wisconsin August 2016.
- Attended the policy committee chair meeting at the annual conference held in Grand Rapids, Michigan June 2016.
- Organized and facilitated committee conference calls every other month.
- Provided leadership to the committee throughout ASFPM 2016/2017 year.
- Developed the 2016/2017 committee work plan.
- Developed the annual report for the committee reflecting accomplishments of the committee in 2015/2016.

## 2016/2017 Committee Activities

The Nonstructural/Floodproofing Committee had 10 work items for 2016/2017. Those work items and a brief statement on those work items are as follows:

1. Work with the ASFPM executive office and Flood Mitigation Committee to hold a successful Mitigation/Floodproofing Workshop. The workshop will be held August 14-17, 2017 in Iselin, New Jersey at the Renaissance Hotel. This workshop will be announced and promoted at the 2017 ASFPM national conference in Kansas City, and is ongoing.
2. Implement Post-Flood and Pre-Flood Workshops regarding implementing nonstructural and floodproofing measures. The Corps of Engineers appreciated

- funding for the COE's Nonstructural Committee to conduct these workshops. The COE conducted over 30 workshops in 2016. This work item will continue.
3. The Nonstructural/Floodproofing Committee had a very good committee presence at the annual ASFPM conference in 2016. This committee conducted an annual committee meeting and also hosted an Early Bird Session. The title of the Early Bird Session was "Nonstructural Retrofitting Approaches." The committee provided information about the 2017 Mitigation/Floodproofing Workshop. This work item will continue in 2016/2017 with focus on the ASFPM conference in 2017.
  4. Enhance the committee website for more effective communication. No work was done on this work item as the committee is waiting for the EO to provide leadership in the form of a new standard format for committee websites. This work item will continue.
  5. The committee was to develop an informational brochure on "Alternative Floodproofing Measures." A committee member was waiting on funding for a project to develop this brochure. No work has started on this work item. This work item will be discussed at the committee meeting at the 2017 conference.
  6. The committee was developing a Goal and Objective for 2017/2018 for the ASFPM Board of Directors to consider. The committee sent a potential Goal to the ASFPM EO for consideration. This work item is complete.
  7. The committee was going to develop a discussion paper on a "Process to Build Back Smarter." Some work has been done on this work item; however, it is not complete. This work item will continue.
  8. The committee was going to develop a discussion paper concerning "Structures not in Compliance due to Seal Level Rise and/or the Affordability Act." Data is needed to develop this. A scope of work has been developed to obtain the necessary data for this paper. This work item will continue.
  9. The committee was seeking refinements to Requirements to FEMA's Criteria and Policy regarding Floodproofing Techniques. No progress has been made on this work item. It will be discussed at the committee meeting at the 2017 conference.
  10. The committee was reviewing and developing a new definition of "dry floodproofing" for the update of ASCE 24-20. A committee member is part of this update process. This work item will be discussed at the committee meeting at the 2017 conference.

## Future Actions

The committee co-chairs will use the annual committee meeting in Kansas City as a basis to formulate the Work Plan for 2017/2018. Work items from the 2016/2017 Work Plan that need additional work will be incorporated into the next year's work plan.