

Quarterly Meeting

Thank you to those who attended our June quarterly meeting in Homestead. We had 34 people participate, representing 26 agencies. Thank you to the City of Homestead and Linda Blanco, Homestead's Building Official, for hosting us in their beautiful City Hall. The building is a LEED Silver certified and offers amenities to the employees including shower facilities to encourage biking to work and working out during the day. The building is rated for Category 5 hurricanes and contains their Emergency Operations Center that will host their satellite municipalities and the Miccosukee Tribe representatives.

We started the meeting with announcements:

- Miami-Dade Emergency Management is conducting the 2016 Evacuation Survey and we asked that everyone help get the word out to the public. We made postcards with the survey information available (and I have more if you need them). You can also post the following link on your websites. <http://www.miamidade.gov/hurricane/>

Hurricane Guide



This site will also provide information for the public so this is

a great link to refer your constituents to for information. As of today we have had 783 completed surveys. We are aiming for 2500 so we can have a good representation of our community. We are running high on the government employee side for the surveys so your help in getting the public to take it is appreciated.

We also stressed the continuation of the "Drain and Cover" campaign that Miami-Dade Department of Solid Waste is promoting to educate residents on what they can do to help reduce mosquito breeding and protect themselves from getting bit. You can find educational material at

<http://www.miamidade.gov/solidwaste/mosquito-control.asp>

- We continue to work on the Community Rating System program. Congratulations to The Village of Pinecrest who is entering the program as a Class 8 and effective October 1 their residents will see a 10% discount on their flood policies as they are renewed. Cutler Bay is awaiting their final reviews to see what their score will be. Miami Springs and Medley are also working on entering the program. Thank you to everyone for their support the CRS initiative and helping to save your constituents money. Please let me know if you need any documentation so I can get it for you as soon as able.

LMS Calendar

<http://www.miamidade.gov/fire/mitigation.asp>

Next LMS Quarterly Meeting:

Date: September 21, 2016

Time: 9:30-11:30 am

Location: TBD

All Working Group Members and the public are welcome to attend.

SubCommittee Meetings:

None at this time

Future Quarterly Meetings:

December 14, 2016

March 15, 2017

June 21, 2017

- Rob Molleda from the National Weather Service Miami presented on all things hurricanes. Even though we have already had three names storms (and a new depression over the weekend) this is not necessarily an indicator for how the rest of the season will be. El Niño is gone and La Niña is here. With La Niña is typically less wind shear which could help promote formation more. We can also expect rainfall to be near to and just above normal and temperatures to be about 1° warmer. Our stormiest weather in terms of thunderstorms and rain can be expected from mid-May to early July. Hotter temperatures with some dry periods (with Saharan dust) are expected early July through mid-August and from late August through mid-October we may see highly variable precipitation. Rob stressed the threat of storm surge and noted that during Hurricane Andrew that the surge was about 17 feet in south Miami-Dade and during the 1926 storm there was 2 feet of sand on Collins Avenue. Starting in 2017 the watches and warnings will start to be issued for storm surge to help communities be better aware.

Rob talked about the tracking cones of hurricanes and reminded everyone that that only shows where the eye of the storm will be 2/3 of the time. This does NOT account for the wind fields and storm surge and 1/3 of the time the eye of the storm may be outside of the cone. Once we get within 3-4 days of a storm we need to look at the local conditions that will impact us.

- Jose Palacios from Peninsular Insurance Bureau Adjusters talked about the insurance perspective. Jose said from the insurers' side they are identifying and mobilizing as many adjusters as possible to respond to the areas that may be or have been impacted by an event. He spoke about how the insurance companies try to spread the risk to disasters and after Hurricane Andrew and the storms of 2004-2005 many insurance companies left Florida and the Citizens Hurricane Insurance program grew. Re-insurance grew as an industry, this is a practice where insurance companies seek insurance from other companies to spread the risk. He talked about the insurance discount program for homeowners who implement mitigation measures that can include roofing straps, window and door protection. You can go to this website for a calculator on potential savings. <http://www.floridadisaster.org/wisc/> Jose also said that there may be changes as to how people can get flood insurance as private insurers are looking into offering this as well.
- Tiffany Troxler, the Director for the FIU Sea Level Solution Center, spoke to the group about integrating educational institutions into mitigation. Dr. Troxler has been very proactive in working to help educate communities about the risk of sea level rise, mitigation and the community rating system. To improve understanding of localized flood conditions and develop information for baseline monitoring of flooding and flood mitigation improvements, municipalities can coordinate with the Florida International University Sea Level Solutions Center (slsc.fiu.edu) to develop an activity for collecting this information. We will help coordinate students to support data collection and documentation with on-site measurements and use of our Eyes on the Rise application (eyesontherise.org), created by the FIU School of Communication and Journalism and GIS Center.

For King Tide flooding events expected this fall, FIU will be organizing an event on October 16, 2016 - Sea Level Solutions Day. As part of this event, we will be

conducting flood monitoring activities and may be able to include locations from your area. Other dates can also be considered. Please contact Brad Schonhoff or Tiffany Troxler via slsc@fiu.edu if you are interested to organize a flood monitoring activity.

The meeting was adjourned. We will see everyone in September.

FIMA Announces Availability of Benefit Cost Analysis Tools for Drought and Ecosystem Services

FEMA has developed [Benefit Cost Analysis \(BCA\) Tools and Guidance](#) to calculate benefits for climate resilient mitigation activities, including drought mitigation, ecosystem services, and pre-calculated benefits for cost-effectiveness evaluation of soil stabilization, flood diversion, and reforestation projects in wildfire impacted areas to support expedient implementation of post-wildfire mitigation actions. The tools and guidance include:

- Aquifer Storage and Recovery BCA Calculator Tool
- Ecosystem Service Benefits Calculator
- Supplemental BCA Guidance for Floodwater Diversion and Storage Projects
- Supplemental BCA Guidance for Floodplain and Stream Restoration Projects
- Pre-calculated benefits for post-wildfire mitigation actions

If you require the Microsoft Excel version of either of the calculator tools, or if you have any questions on details of the Benefit Cost Analysis (BCA), visit the [BCA website](#), contact the BCA Helpline at 1-855-540-6744 or bchelp@fema.dhs.gov.

These additional BCA Tools are available for Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM), and the Flood Mitigation Assistance (FMA) for which the application period is open on or after the date of the May 12, 2016. Please note that not all mitigation activities are eligible under all three programs. For example, wildfire mitigation is eligible under HMGP and PDM, but not FMA.

The [Climate Resilient Mitigation Activities](#) are available for HMPG funding resulting from a major disaster declared on or after September 30, 2015, and for competitive PDM and FMA funding for which the application period opened on or after September 30, 2015.

Residential Hurricane Wind Retrofit Fact Sheet

In preparation for the opening of Hurricane Season 2016, FEMA has developed a new Fact Sheet on wind retrofit projects. Wind retrofits are enhancements made to strengthen roofs, walls, doors and windows to minimize damage to homes from wind and wind-driven rain caused by high wind events such as hurricanes. FEMA offers two Hazard Mitigation Assistance (HMA) grants that provide funds for cost-effective wind retrofit projects: Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation (PDM).

The Wind Retrofits Fact Sheet provides an overview of wind retrofit projects and the streamlined process for determining the cost effectiveness of wind mitigation projects. The Fact Sheet compliments FEMA's guidance P-804: [Wind Retrofit Guide for Residential Buildings](#) (2010), which provides guidance for

selecting and implementing wind retrofit projects for homes in all coastal regions, and FEMA's [Cost Effectiveness Determination for Residential Hurricane Wind Retrofit Measures Funded by FEMA](#) (2015), which provides a simplified pre-calculated benefits methodology for determining cost effectiveness that can be used instead of the traditional Benefit-Cost Analysis (BCA).

The [Residential Hurricane Wind Retrofits Fact Sheet](#) is available from the FEMA website.

HMA Cost Share Guide

FEMA has developed a [Hazard Mitigation Assistance Cost Share Guide](#) for Applicants and Subapplicants applying for FEMA's Hazard Mitigation Assistance (HMA) grants: Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation (PDM), and Flood Mitigation Assistance (FMA).

The Cost Share Guide compliments the [HMA Guidance](#) by providing an overview of the cost share requirements for each program and examples of various approaches for cost share strategies, such as donated resources, for the non-Federal cost share.

The Cost Share Guide is available from the FEMA website: [Hazard Mitigation Assistance Cost Share Guide](#).

Elevation Certificates for submittal for Community Rating System Communities

The FEMA 2015 Elevation Certificate is now available from FEMA (<https://www.fema.gov/media-library/assets/documents/160>). It is a fillable PDF form. For CRS purposes, this form should be used from now on, however, both the 2012 and 2015 Elevation Certificates can be accepted until December 31, 2016. After December 31, 2016, only the 2015 EC form will be accepted. Fillable PDFs allow surveyors to sign ECs without printing them. We encourage communities to submit these fully-digital ECs to ISO for CRS purposes. This will increase the efficiency of the EC review process.

Survey Says

I enjoy looking through the survey results to see the trends and responses. Here is a sneak peek at the responses so far:

- 33157 is in the lead with 56 response followed by 33186 and 33176 with 43 and 34 responses respectively.
- One of the interesting things we are seeing is how people are accessing the internet. Cell phones lead the way with 94% followed by laptops and computers at home with 90%. We even had someone identify that they are using their smart TV. Is your website is smartphone friendly?
- Reasons people might not evacuate: 32% their job, 22% their pet and 18% traffic.

[How prepared are your extended family, friends and neighbors? Take the survey and find out.](#)

<http://www.miamidade.gov/hurricane/>

As always if you have any questions, ideas or concerns please feel free to email me at perkins@miamidade.gov or call me at 305-468-5429.