

Steering Committee (SC)

The Steering Committee held a meeting on February 21, 2013. We discussed the development of Subcommittees that will include:

Community Rating System – this group is an existing group that we will work with and incorporate into the LMS. Lead: TBD

Extreme Weather Events - this group will look at the current active cycle of tropical activity, sea level rise, climate change and other weather events that can increase the impact of hazards and vulnerabilities. Lead: Ricardo Alvarez

Education /Outreach - this group will identify opportunities for training, seminars, workshops, and public outreach for our stakeholders and the public. This could include helping to organize events, participate in events, development of materials or event development of classes that could offer CEUs. Lead: TBD

Structural Committee – this group will look at best practices and new and upcoming products, codes, and rules that can improve mitigation measures. Lead: TBD

Agricultural – this group will look at hazards and mitigation measures for the agricultural and landscaping stakeholders. Lead: TBD

Marine Interests – this group will look at hazards and mitigation measures for the marine industry and work on updating a brochure to help educate the community. Lead: Don Pybas

Financial/Grants – this group will look at opportunities for funding and grants and help identify best practices to assist stakeholders with grant writing. Lead: Teresa Grandal

If you are interested in leading or participating in any of the Subcommittees, please let me know. I will be working with the Subcommittee leads to schedule meetings.

Participation in a Subcommittee counts towards the required LMS meeting requirements.

LMS Calendar

Next LMS Quarterly Meeting:

Date: March 20, 2013
Time: 9:30-11:30 am
Location: MDR Training Facility
9300 NW 41 Street (behind main bldg.)
Auditorium 2-002
Doral, FL 33178

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

Future Quarterly Meetings:

Date: June 20, 2013
Date: September 19, 2013
Date: December 19, 2013

Next Steering Committee Meeting:

Date: June 20, 2013
Time: 8:30 – 9:30 am
Location: TBD

Steering Committee Members only

Next Sub-Committee Meetings:
TBD

MOMs for Mitigation

No it is not a new grass roots movement to assemble mothers to go out and shutter buildings. It is utilizing the Maximum of MEOwS (MOMs) storm surge modeling to identify where storm surge may have impacts from any number of storms and an excellent tool for us to identify where mitigation measures should be identified.

Miami-Dade Emergency Management is currently working on new zones for hurricane surge and though the initial maps may seem alarming, they illustrate areas that could potentially experience surge under certain hurricane scenarios. The zones are based on the MOMs model so it gives you the every storm scenario. The new maps should be looked at as a planning tool. Once we are able to track a specific storm we can revise the decision making on each event

The new surge zones include more refined information on where storm surge and inundation may be experienced. This will help all of us better prepare.

Alphabet Soup

The tools below go from the worst case of all worst cases and hone down to the most likely impacts of an approaching storm. So six months out we look at MOMs to help us gauge vulnerabilities and once we have a storm and we know which basin it is in we can then look to MEOw for better guidance. As we know more about the approach of the storm we can look to SLOSH models and about 48 hours in advance of a storm impacting we will receive the P-Surge information. I am sharing this with all of you so you can understand the evolution of the decision making and education needed. Though the P-Surge will illustrate a more defined, smaller area of anticipated impact, we have to remember that there could still be some error in where the storm makes landfall and that with only 48 hours prior to impact we cannot afford to wait to make decisions on protective measures.

I will provide more information to you all at the March 20th LMS Working Group meeting.

MOMs – Maximum of MEOwS – composite of thousands of hypothetical hurricanes to develop storm surge vulnerability for an area. You may also hear people refer to this as the Maximum of Maximums.

MEOw – Maximum Envelope of Water – worst case snapshot for a basin - for us that would be the Biscayne Bay and Florida Bay

SLOSH – Sea Land Overland Surges from Hurricanes – this is an individual track of a storm to predict surge heights based on atmospheric pressure, size, forward speed, and track data.

P-Surge – Probabilistic Surge this is the newest tool offered by the NHC that will utilize several SLOSH models based on the approaching storm.



Workshops/Trainings

Sea Level Rise: Can We Keep the Sea Away

Ricardo Alvarez will be speaking on the impacts of Sea Level Rise and what mitigation measures could be implemented.

Date	Location	Time
March 4, 2013	St. Gregory's Episcopal Church 100 NE Mizner Blvd, Boca Raton, FL 33432	7:00 PM



Make Mitigation Happen

Workshops for residents to learn about the benefits of mitigation for their homes are being offered in Miami-Dade County. Information can also be found on line at:

<http://www.floridadisaster.org/Mitigation/Documents/Wind%20Mitigation%20Booklet%20.pdf>

Date	Location	Time
April 10, 2013	Florida International University	TBD

Additional workshops: TBD

Climate Change & Florida's Coastal Communities

Urban and Regional Planning Section Special Session - more details to come soon.

Date	Location	Time
March 8, 2013	Barry University - Miami Shores	8:30 am

Hurricane Resilient Community Planning and Building Design

This workshop will discuss existing regulations and propose new standards for community planning and building design in hurricane-prone areas in our age of global climate change. Course module topics include an introduction to hurricane science and history; design strategies against primarily the hurricane hazards of wind, water and debris damage; current and suggested zoning and building codes which address hurricane forces; unsuccessful and successful case studies of post-hurricane sites; a prototype plan and design of a hurricane resistant school and community shelter facility; and an innovative hands-on planning and design project

You can register through the Florida Disaster training site: <http://trac.floridadisaster.org/TRAC/loginform.aspx>

<u>Date</u>	<u>Location</u>	<u>Time</u>
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March 19-20	Broward County EOC	2 day class
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Do you have something you would like to contribute to the Information Bulletin?
Email it to: mdlms@miamidade.gov

Local Mitigation Strategy Working Group

A G E N D A

March 20, 2013
9:30 AM – 11:30 PM
Miami-Dade Fire Rescue
Training Facility
9300 NW 41 Street
Miami, FL 33178
Room 2-002

- Welcome
- What's New in LMS
- In the News
- MDCPS Response
 - Captain Arrebola – MDCPS Police
- Sea Level Rise
 - Miami Dade County
- Miami Beach Mitigation Actions
 - Rick Saltrick
- New Mitigation Products
 - BP Group

