



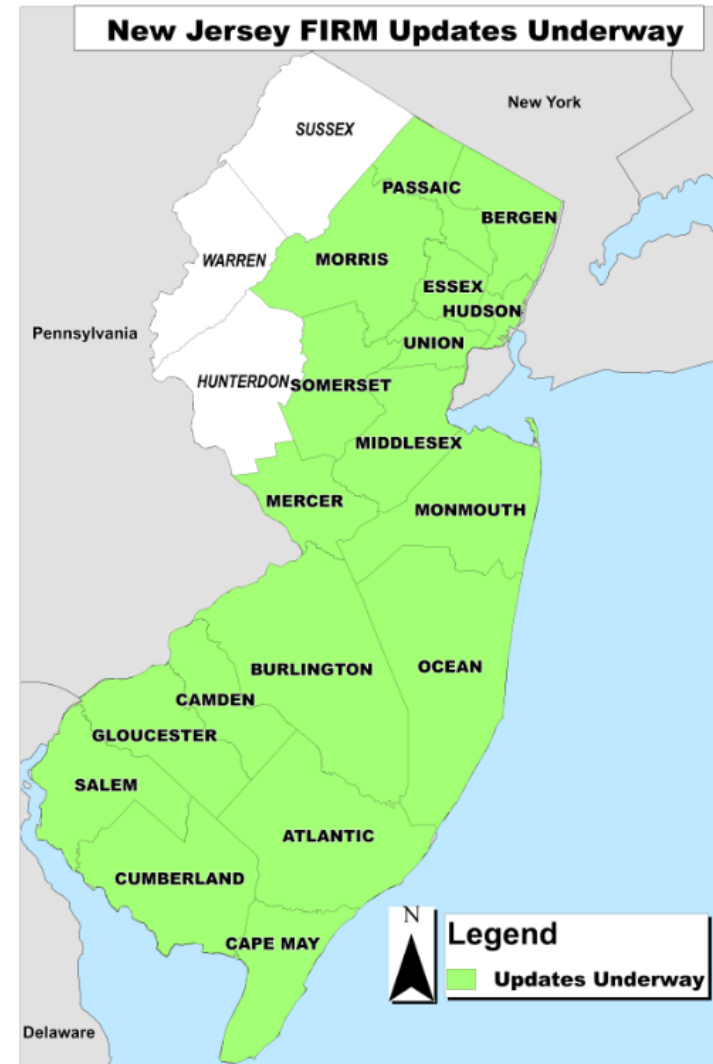
# Time to Update Your Ordinances A Call to Adopt Higher Standards

October 21, 2015



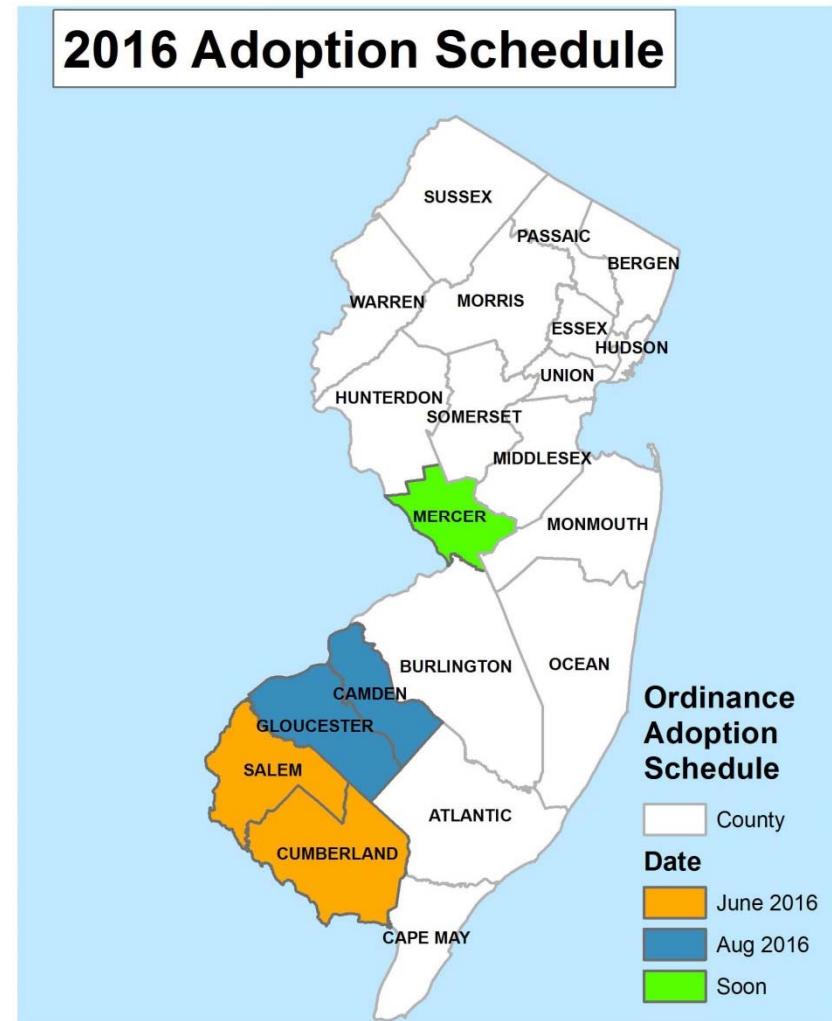
# In Progress Flood Studies

- FIRM updates underway 18 New Jersey Counties
- Over 350 communities are affected
- Ordinance updates required



# Near Term Effective Studies

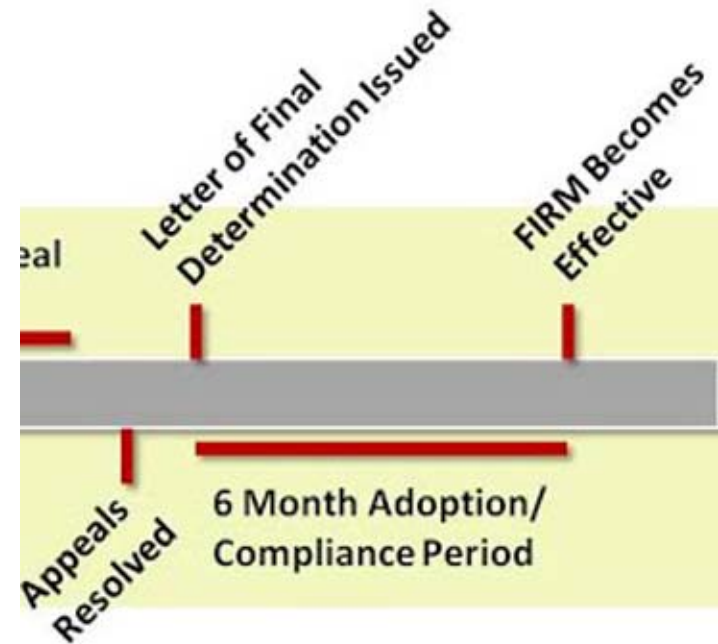
- Salem & Cumberland counties to adopt by 6/16/2016
- LFD scheduled for mid-February for Camden & Gloucester counties
- Others remain in the appeal process



# Overview

- NJ model ordinance new standards
- NJ model ordinance higher standards
- Share success stories
- Goal: Get you thinking about how you can reduce your community's flood risk by adopting higher standards.

**START THE PROCESS NOW**



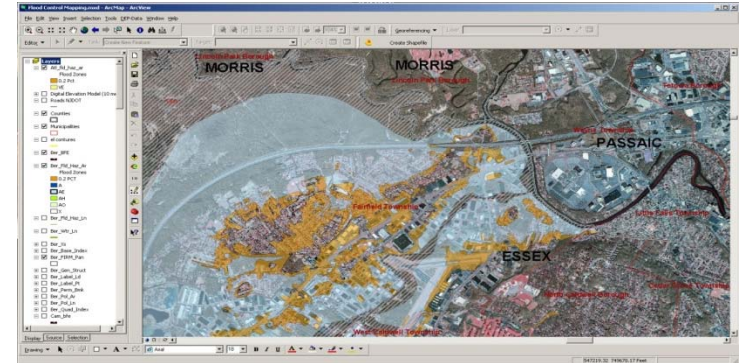
# Why Higher Standards?

- Less damage
- Faster post-disaster recovery
- Lower flood insurance costs
- Keep more money in the community
- Credit under the Community Rating System



# WHEN YOU MODIFY YOUR ORDINANCE

- Required To Adopt FEMA Changes
  - New Maps
  - New Flood Insurance Study
  
- Bring The Ordinance Up To Date
  - One Foot Of Freeboard
  - New & Modified Definitions
  - Substantial Damage Review
  - Some Uniform Construction Code Standards
  
- Incorporate Higher Standards




**FLOOD INSURANCE STUDY**  
FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 1 OF 1

**ATLANTIC COUNTY,  
NEW JERSEY  
(ALL JURISDICTIONS)**

COMMUNITY NAME	COMMUNITY NUMBER
ABSECON, CITY OF	340001
ATLANTIC CITY, CITY OF	340002
BRIDGEVILLE, CITY OF	340003
BRIENNA, BOROUGH OF	340004
BRIENNA VISTA, TOWNSHIP OF	340005
COBURN, CITY OF	340006
EGG HARBOR CITY, CITY OF	340007
EGG HARBOR, TOWNSHIP OF	340008
ESTELL MANOR, CITY OF	340009
FOLSOM, BOROUGH OF	340010
GALLOWAY, TOWNSHIP OF	340011
HAMILTON, TOWNSHIP OF	340012
HARRINGTON, TOWNSHIP OF	340013
LINWOOD, CITY OF	340014
LONGPORT, BOROUGH OF	340015
MARGUERITE, CITY OF	340016
MALDEN, TOWNSHIP OF	340017
NORTHFIELD, CITY OF	340018
PLEASANTVILLE, CITY OF	340019
PORT REPUBLIC, CITY OF	340020
SCENIC POINT, CITY OF	340021
VENTNOR, CITY OF	340022
WESTMOUTH, TOWNSHIP OF	340023


**FEMA**  
 Preliminary: May 30, 2014  
 FLOOD INSURANCE STUDY NUMBER  
 1485110004  
 Version Number: 2.1.1.1

# The New Model Ordinance

- Color Coded
- YELLOW – Unique to the community
- GREEN– New minimum requirements
- BLUE – Higher standards

Unique and to be revised data highlighted in YELLOW

Updates highlighted in GREEN

Optional higher standards highlighted in BLUE

## 1.1 STATUTORY AUTHORIZATION

The Legislature of the State of New Jersey has in N.J.S.A. 40:48-1, et seq., delegated the responsibility to local governmental units to adopt regulations designed to promote public health, safety, and general welfare of its citizenry. Therefore, the (governing body) of the (tpw/city/boro) of (municipality) of (county) County, New Jersey does ordain as follows:

### 5.2-1 RESIDENTIAL CONSTRUCTION

- a) New construction and substantial improvement of any residential structure located in an A or AE zone shall have the lowest floor, including basement together with the attendant utilities and sanitary facilities, elevated at or above the base flood elevation plus one foot [optional – higher standard – freeboard – replace “one foot” with two feet or three feet];



# **YELLOW – Unique to the Community**

- Section 1.0 – Statutory Authorization
- Section 2.0 – Appeal Definition
- Section 3.1 – Municipality & County
- Section 3.2 – FIS, Panels & Effective Date
- Section 3.3 – Penalties





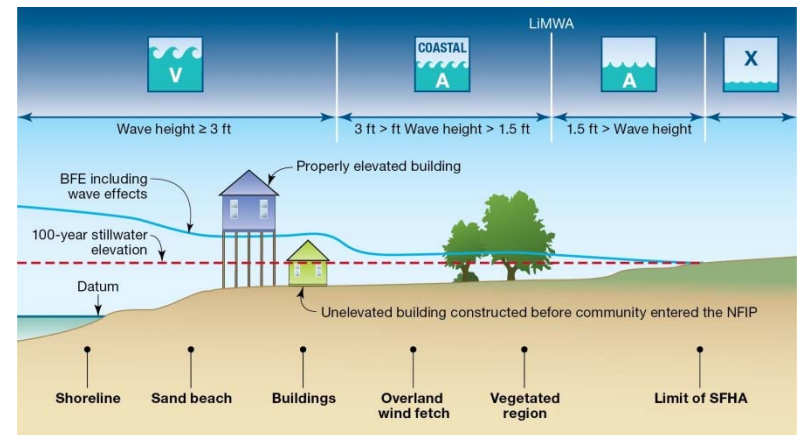
# **YELLOW – Unique to the Community**

- Section 4.0 – Administration
  - Local Administrator
  - Appeal Board
  - Higher Court

# GREEN– New Minimum Requirements

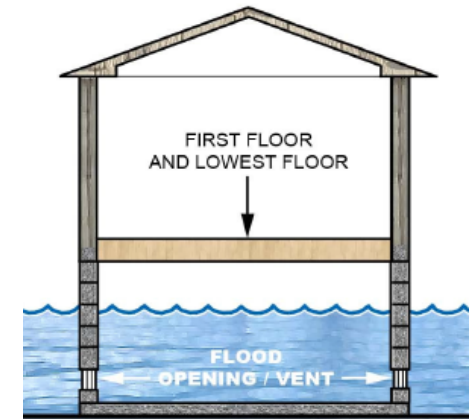
## ■ Section 2.0 – Definitions

- AO Zone
- AH Zone
- Base Flood Elevation
- Existing Manufactured Home Park or Subdivision
- Floodproofing
- Limit of Moderate Wave Action
- Violation



# GREEN– New Minimum Requirements

- Section 4.0 – Administration
  - Substantial Damage Review
- Section 5.1 – General Standards
  - Uniform Construction Code (UCC)
  - New Construction or SI of Service Facilities
- Section 5.2 – Specific Standards
  - One (1) Foot Freeboard
  - Floodproofing



Reducing Flood Losses  
Through the  
**International Codes**<sup>®</sup>  
Coordinating Building Codes and  
Floodplain Management Regulations  
*4th Edition, 2014*



In cooperation with the Federal Emergency Management Agency

# GREEN– New Minimum Requirements

- Section 5.4 – Coastal High Hazard Areas
  - One (1) Foot Freeboard at Lowest Horizontal Member
  - Coastal A Zone/Limit of Moderate Wave Action (LiMWA) Open Construction
  - Below the Lowest Floor – Construction Code Official or Building Sub-Code Official Approval



# BLUE – Higher Standards

- Section 2.0 – Definitions
  - Accumulative Substantial Improvement
  - Substantial Damage – Accumulative
  - Substantial Damage – Lower Threshold
  - Substantial Improvement – Accumulative
  - Substantial Improvement – Lower Threshold
  - Critical Facilities
  - Realtor Disclosure





# BLUE – Higher Standards

- Section 4.0 – Administration
  - Realtor Disclosure
- Section 5.2 & 5.4 – Specific Standards & Coastal High Hazard Area
  - Greater Than One (1) Foot Freeboard
  - Manufactured Home Moratorium
- Section 5.3 – Floodways
  - Restrict/Remove Critical Facilities



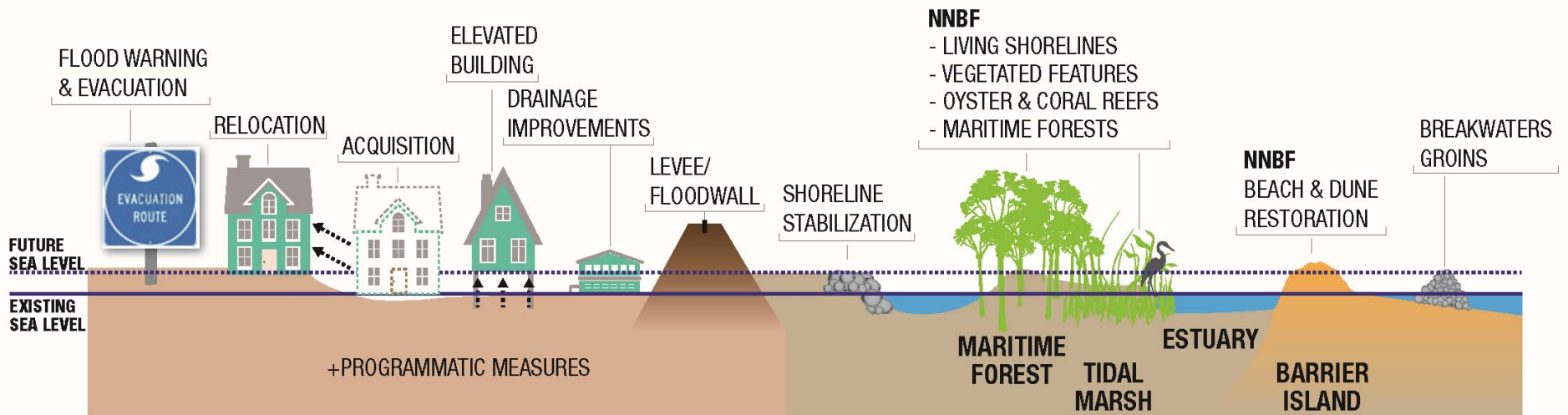
# Success Stories

- Hoboken – V zone 3 ft freeboard, coastal A zone, and hard and soft coastal defenses
- Longport – ABFE or 1 ft freeboard, accumulative Substantial Damage/Improvement (SD/SI), lower SD/SI threshold, critical facility restrictions including access routes
- Union Beach – 2 ft freeboard
- Lambertville ordinance – real estate disclosure

# No silver bullets...



## Multi-faceted approach...





# Questions? Need Ordinance Assistance?

Visit our website:

[www.nj.gov/dep/floodcontrol](http://www.nj.gov/dep/floodcontrol)

Contact our office:

NJDEP, NJ State NFIP Coordinator's Office

(609) 292-2296

Alan.Gould@dep.nj.gov

