

NYS CON Construction Moratorium

REDEFINED EVAC ZONES AND AFFECTED FACILITIES

Construction Moratorium

- ❑ In May of 2013, the Department announced a moratorium on new construction and major renovation projects for health care facilities located in coastal flood areas.
- ❑ The work of this committee will address what changes are needed and will build upon the work done by NYC OEM and FEMA.
- ❑ Recommendations for mitigation strategies along with specific changes to current building codes and physical plant standards will be completed this fall and presented to PHHPC for approval.

Agenda

- Review of Revised Evac Zones for NYC
- Impacted Facilities
- Mitigation Strategies - Design and Development Guidelines
- Action Plan for Committee

Revised Evac Zones in NYC

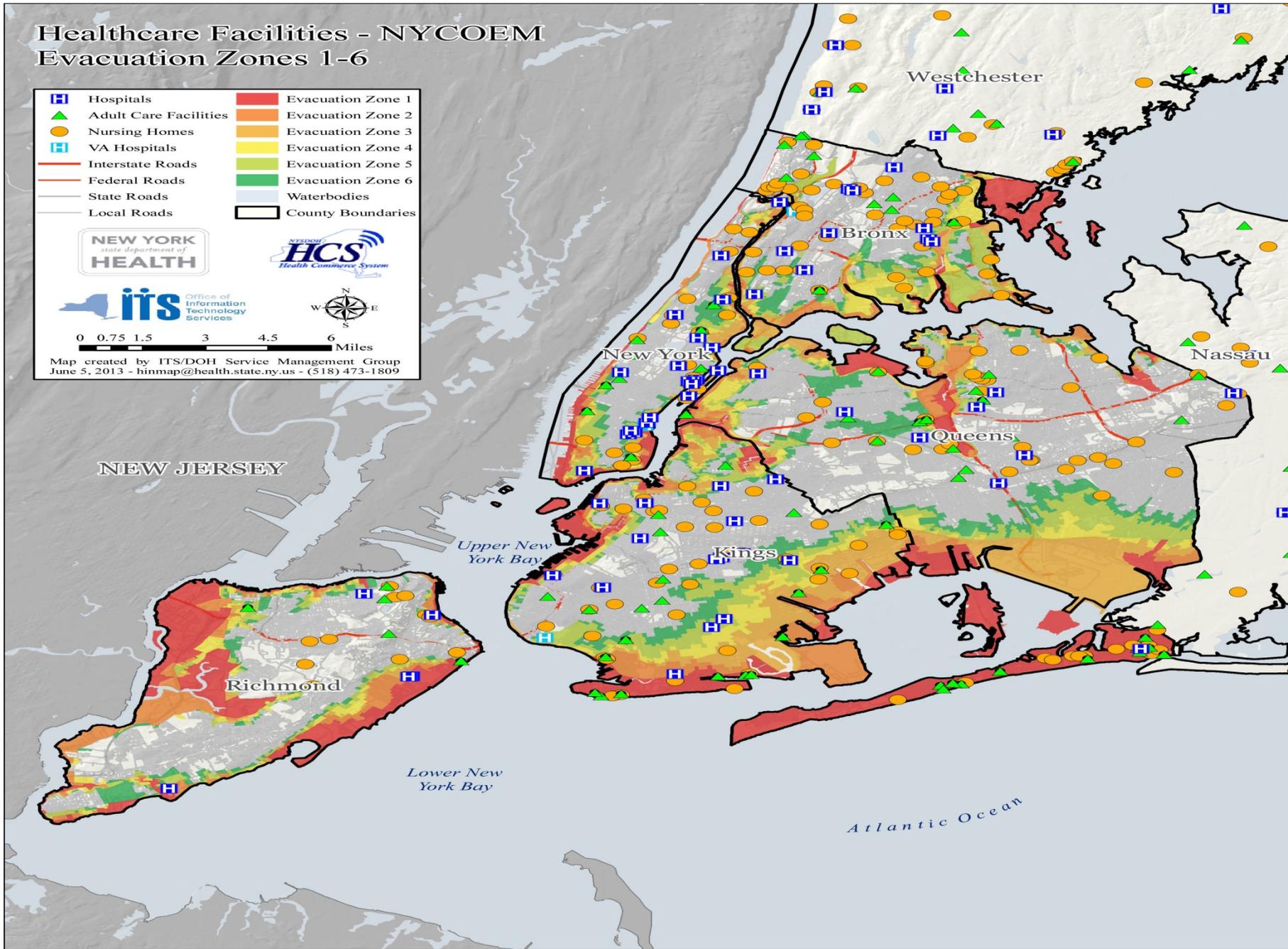
- ❑ Scale of A, B and C switching to Zones 1 through 6
- ❑ The increased number of zones is intended to give the City more flexibility in targeting areas to evacuate.
- ❑ The City has incorporated additional factors in its development of the new evacuation zones, e.g., the bearing of a storm at landfall. With this approach, the City is less likely to over- or under-evacuate areas.

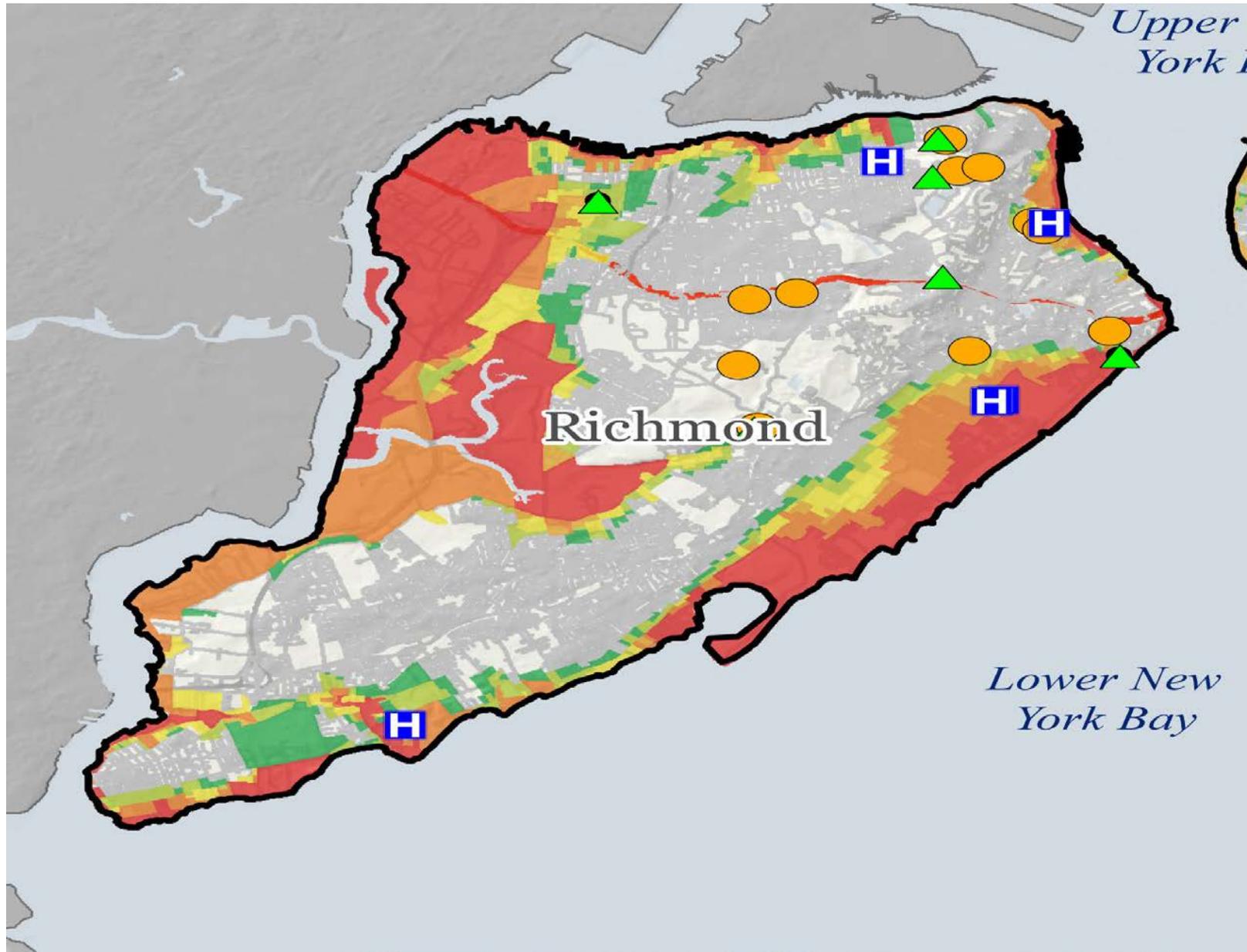
Healthcare Facilities - NYCOEM Evacuation Zones 1-6

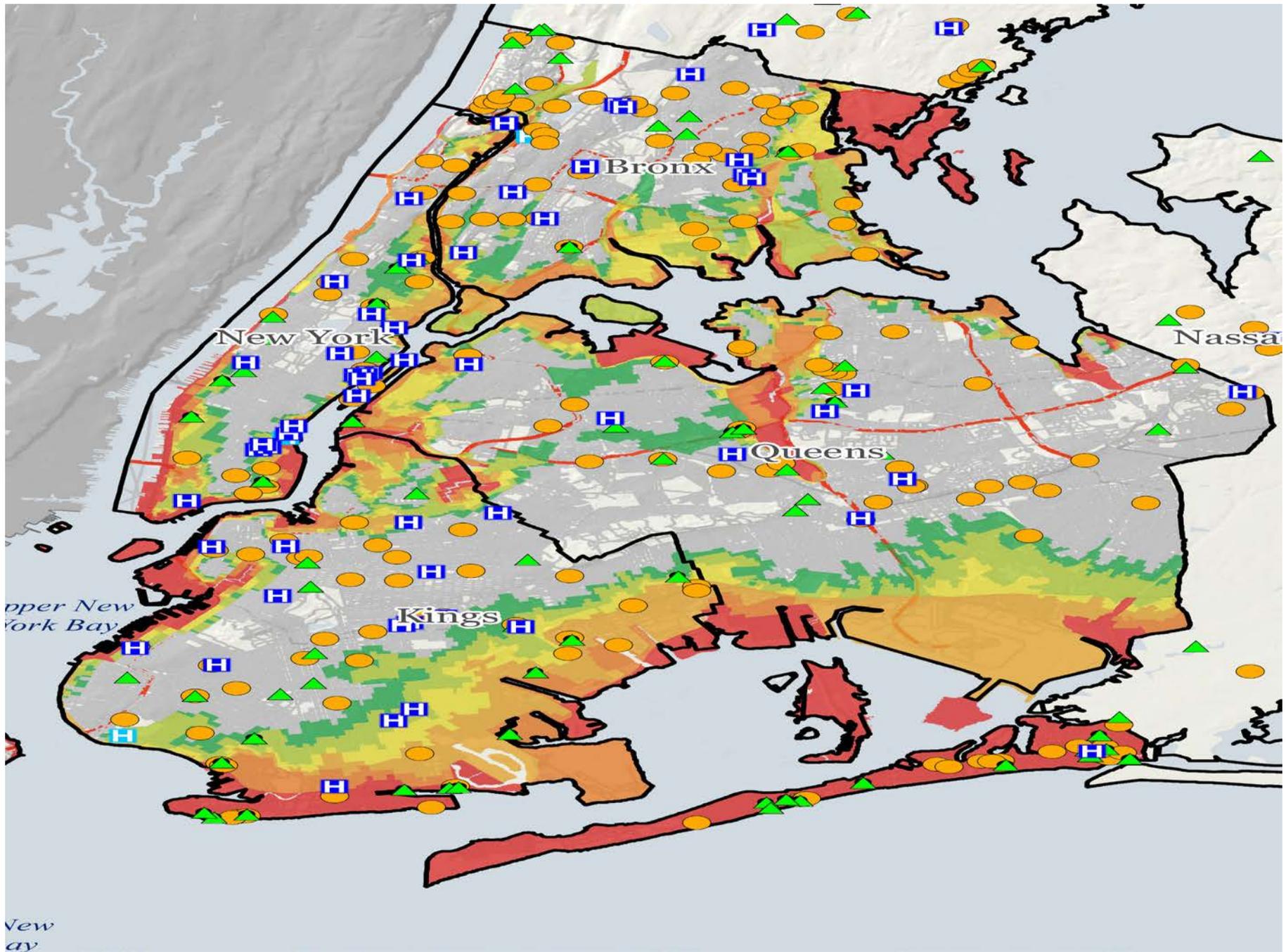
	Hospitals		Evacuation Zone 1
	Adult Care Facilities		Evacuation Zone 2
	Nursing Homes		Evacuation Zone 3
	VA Hospitals		Evacuation Zone 4
	Interstate Roads		Evacuation Zone 5
	Federal Roads		Evacuation Zone 6
	State Roads		Waterbodies
	Local Roads		County Boundaries

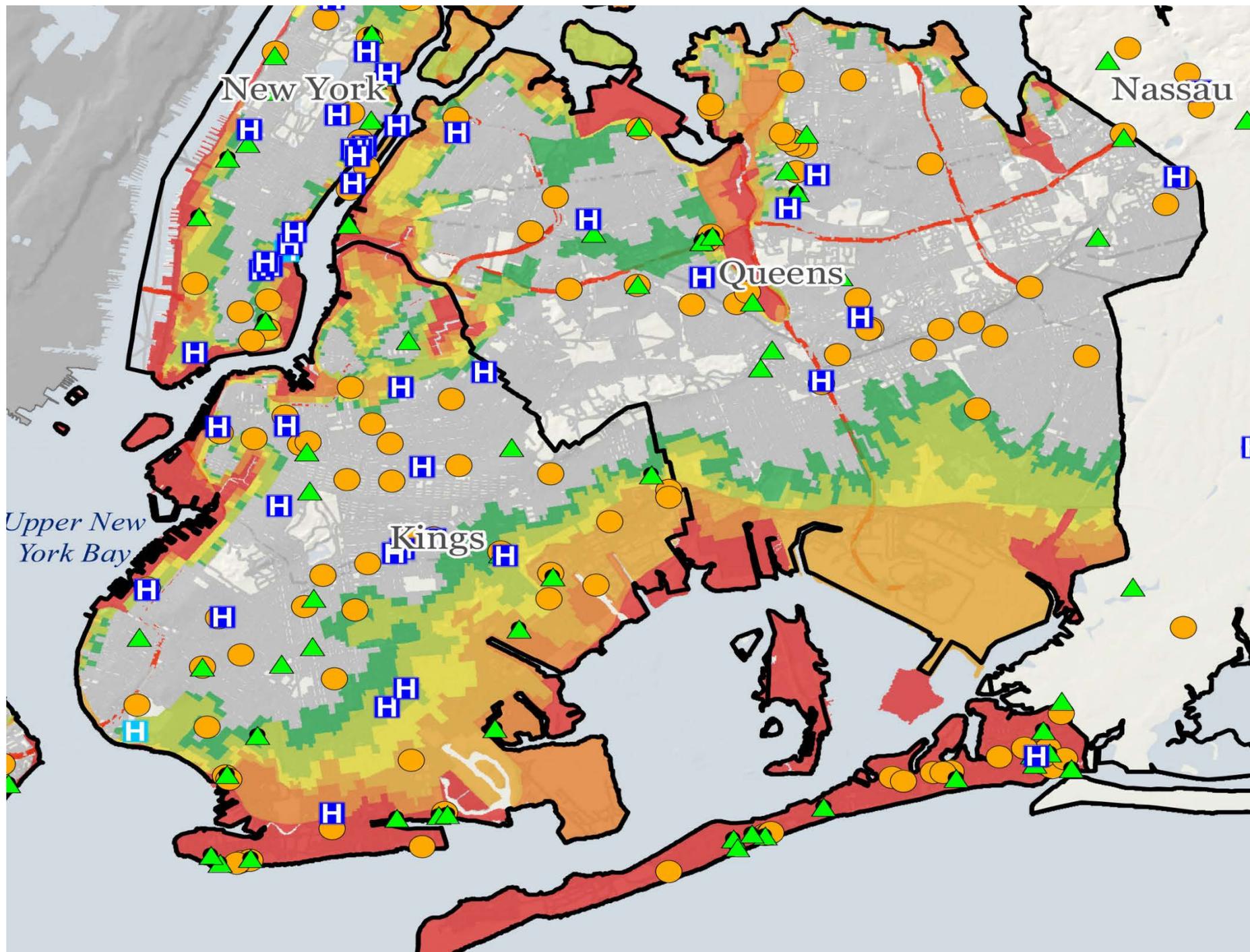
0 0.75 1.5 3 4.5 6 Miles

Map created by ITS/DOH Service Management Group
 June 5, 2013 - hinmap@health.state.ny.us - (518) 473-1809









Resources in Evac Zones

Facility	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Total Facilities in Zones
Hospitals	3	6	1	6	8	2	26
Adult Care Facilities	19	4	2	7	6	4	42
Nursing Homes	24	2	9	8	17	10	70
VA Hospitals	1	0	0	0	1	0	2

Total Resource Comparison by Facility Type

Facility Type	Facilities Located in Zones	Facilities Located Outside of Zones	Total	Percentage of Facilities in Zones
Hospitals	26	34	60	43%
Adult Care Facilities	42	34	76	55%
Nursing Homes	70	106	176	40%
VA Hospitals	2	1	3	67%

Facility Type	Total Number of Beds in Zones	Beds Located Outside of Zones	Total	Percentage of Facilities in Zones
Hospitals	9,469	15,824	25,293	37%
Adult Care Facilities	5,919	5,147	11,066	53%
Nursing Homes	17,689	27,007	44,696	40%
VA Hospitals	726	311	1,037	70%

Facility data provided by the NYS DOH Office of Emergency Management

Hospitals - Zones 1 and 2

Hospitals	Bed Capacity	New Evac. Zone	Old Evac. Zone
Bellevue Hospital Center	912	1	B
NYU Hospitals Center	879	1	A
St Johns Episcopal Hospital So Shore	257	1	A
Staten Island University Hosp-North	508	2	A
Coney Island Hospital	371	2	A
Metropolitan Hospital Center	338	2	B
Calvary Hospital Inc	225	2	C
Coler-Goldwater Specialty - Coler Hospital Site	210	2	B
The Heart Institute	0	2	A
Total Hospital Beds	3,700		

Hospitals - Zones 3, 4, 5 and 6

Hospitals	Bed Capacity	New Evac. Zone	Old Evac. Zone
Coler-Goldwater Spec Goldwater Hospital Site	417	3	B
NYP Hospital - New York Weill Cornell Center	850	4	N/A
Lincoln Medical & Mental Health Center	347	4	C
Harlem Hospital Center	286	4	C
Hospital for Special Surgery	205	4	C
NYU Hospital for Joint Diseases	190	4	C
Rockefeller University Hospital	40	4	N/A
Beth Israel Medical Center/Petrie Campus	856	5	C
Brookdale Hospital Medical Center	530	5	C
Lutheran Medical Center	450	5	C
Woodhull Medical & Mental Health Center	394	5	C
Beth Israel Medical Center/Beth Israel Brooklyn	212	5	N/A
Staten Island University Hosp-South	206	5	A
New York Downtown Hospital	180	5	C
New York Community Hospital of Brooklyn, Inc	134	5	C
Montefiore Med Center - Jack D Weiler Hosp of A Einstein College Div	403	6	N/A
NY Eye and Ear Infirmary	69	6	N/A
Total Hospital Beds	5,769		

Adult Care Facilities - Zone 1

Adult Care Facilities	Bed Capacity	New Evac. Zone	Old Evac. Zone
Long Island Living Center	306	1	A
Surf Manor Home for Adults	200	1	A
Mermaid Manor Home for Adults	200	1	A
Surfside Manor Home for Adults, LLC	200	1	A
New Broadview Manor Home for Adults	200	1	A
The Waterford on the Bay	192	1	A
Sunrise at Sheepshead Bay	189	1	N/A
Central Assisted Living, LLC	186	1	A
Park Inn Home	181	1	A
Oceanview Manor Home for Adults	176	1	A
New Gloria's Manor Home for Adults	172	1	A
Belle Harbor Manor	162	1	A
Harbor View Home for Adults	162	1	B
Seaview Manor, LLC	124	1	A
New Haven Manor	123	1	A
Rockaway Manor HFA	120	1	A
Wavecrest Home for Adults	120	1	A
Chai Home	71	1	A
River View Gardens NY Found. EHP#8	46	1	A
Total Bed Count	3,130		

Adult Care Facilities - Zones 2 through 6

Adult Care Facilities	Bed Capacity	New Evac. Zone	Old Evac. Zone
Sunrise at Mill Basin	142	2	N/A
Carnegie East House	112	2	B
Frederic Fleming Residence	47	2	B
NY Found-Sr Citizens EHP#3	30	2	B
Amber Court of Brooklyn	224	3	B
New South Shore Manor	80	3	B
S.S. Cosmas and Damian Adult Home	270	4	C
Madison York Assisted Living Community	226	4	C
Kings Adult Care Center	220	4	B
Amber Court of Pelham Gardens	200	4	C
The Rev. Robert V. Lott ALC	127	4	C
VillageCare at 46 and Ten	80	4	C
Alma Rangel Gardens NY Foundation	42	4	B
Brooklyn Adult Care Center	216	5	C
Garden of Eden Home	202	5	C
Castle Senior Living at Forest Hills	177	5	N/A
NY Found-Sr Citizens EHP#2 Brown Gardens	47	5	N/A
NY Found-Sr Citizens EHP#4 Ridge Street Gardens	47	5	C
Castle Senior Living at Forest Hills	20	5	N/A
West Side Federation	99	6	N/A
New York Armenian Home, Inc.	79	6	N/A
St. Vincent de Paul ALP	59	6	N/A
Brookdale Hospital Medical Center ALP	43	6	C
Total Bed Count	2,789		

Nursing Homes - Zone 1

Nursing Homes	Bed Capacity	New Evac. Zone	Old Evac. Zone
Shorefront Jewish Geriatric Center	360	1	A
Sea-Crest Health Care Center	320	1	A
Menorah Home & Hospital for Aged & Infirm	320	1	A
Shoreview Nursing Home	320	1	A
Brookhaven Rehabilitation & Health Care Center LLC	298	1	A
Resort Nursing Home	280	1	A
Horizon Care Center	280	1	A
Neponsit Health Care Center	269	1	A
Haven Manor Health Care Center, LLC	240	1	A
Promenade Rehabilitation and Health Care Center	240	1	A
Rockaway Care Center	228	1	A
West Lawrence Care Center, LLC	215	1	A
Saints Joachim & Anne Nursing and Rehabilitation Center	200	1	A
Queens Nassau Rehabilitation and Nursing Center	200	1	A
Lawrence Nursing Care Center, Inc	200	1	A
Peninsula Center for Extended Care and Rehabilitation	200	1	A
Sheepshead Nursing & Rehabilitation Center	200	1	B
Park Nursing Home	196	1	A
New Surfside Nursing Home, LLC	183	1	A
Bishop Charles Waldo Maclean Episcopal Nursing Home	163	1	A
Bezalel Rehabilitation and Nursing Center	120	1	A
Ocean Promenade Nursing Center	120	1	A
Oceanview Nursing & Rehabilitation Center, LLC	102	1	A
Far Rockaway Nursing Home	100	1	A
Total Bed Count	5,354		

Nursing Homes - Zones 2, 3 and 4

Nursing Homes	Bed Capacity	New Evac. Zone	Old Evac. Zone
Providence Rest, Inc.	200	2	C
Keser Nursing and Rehabilitation Center, Inc.	200	2	B
Coler-Goldwater Spec Hosp & Nurs Fac - Coler Site	815	3	B
Coler-Goldwater Spec Hosp & Nurs Fac - Goldwater Site	574	3	B
River Manor Care Center	380	3	B
Four Seasons Nursing and Rehabilitation Center	270	3	C
Ruby Weston Manor	240	3	C
Crown Nursing & Rehab Center	189	3	B
Spring Creek Rehabilitation & Nursing Care Center	188	3	B
Brooklyn-Queens Nursing Home	140	3	B
Brooklyn United Methodist Church Home	120	3	C
Kings Harbor Multicare Center	720	4	C
Sephardic Nursing & Rehabilitation Center	271	4	B
Haym Solomon Home for the Aged	240	4	B
Rego Park Nursing Home	200	4	C
Greater Harlem Nursing Home Company Inc	200	4	B
Gold Crest Care Center	175	4	C
VillageCare Rehabilitation and Nursing Center	105	4	B
The Robert Mapplethorpe Residential Treatment Facility	28	4	C
Total Bed Count	5,255		

Nursing Homes - Zones 5 and 6

Nursing Homes	Bed Capacity	New Evac. Zone	Old Evac. Zone
Terence Cardinal Cooke Health Care Center	679	5	C
Cobble Hill Health Center, Inc	520	5	C
Bay Park Center for Nursing and Rehabilitation, LLC	480	5	C
Schulman and Schachne Institute for Nursing And Rehab	448	5	C
Northern Manhattan Rehabilitation and Nursing Center	320	5	C
Cabrini Center for Nursing & Rehab	240	5	C
Grand Manor Nursing & Rehabilitation Center	240	5	C
Cliffside Rehabilitation & Residential Health Care Center	218	5	N/A
Rebekah Rehab and Extended Care Center	213	5	C
Throgs Neck Extended Care Facility	205	5	C
Park Terrace Care Center	200	5	C
Manhattanville Health Care Center	200	5	C
Bridge View Nursing Home	200	5	N/A
Bronx Center for Rehabilitation & Health Care	200	5	C
New Gouverneur Hospital SNF	156	5	C
New East Side Nursing Home	58	5	C
Jeanne Jugan Residence	30	5	C
Daughters of Jacob Nursing Home Company Inc	405	6	N/A
Atlantis Rehabilitation and Residential Health Care	400	6	N/A
Hopkins Center for Rehabilitation and Healthcare	288	6	N/A
Union Plaza Care Center	280	6	N/A
NYS Veterans Home In NYC	250	6	C
Lutheran Augustana Center for Extended Care	240	6	C
Ditmas Park Care Center	200	6	C
Fairview Nursing Care Center Inc	200	6	N/A
St Vincent Depaul Residence	120	6	N/A
Highbridge-Woodycrest Center Inc	90	6	N/A
Total Bed Count	7,080		

VA Hospitals

VA Hospitals	Bed Capacity	New Evac. Zone	Old Evac. Zone
Manhattan Campus of the VA NY Harbor Healthcare System	378	1	A
Brooklyn Campus of the VA NY Harbor Healthcare System	348	5	C
Total Bed Count	726		

Hospitals that are New Additions to the Zones

Name	Bed Capacity	Evac. Zone	Old Evac. Zone	Facility Type	Change	City
New York Presbyterian Hospital - New York Weill Cornell Center	850	4	N/A	Hospital	New to Zone	New York
NY Eye and Ear Infirmary	69	6	N/A	Hospital	New to Zone	New York
Rockefeller University Hospital	40	4	N/A	Hospital	New to Zone	New York
Montefiore Med Center - Jack D Weiler Hosp of A Einstein College Div	403	6	N/A	Hospital	New to Zone	Bronx

Nursing Homes that are New Additions to the Zones

Name	Bed Capacity	Evac. Zone	Old Evac. Zone	Facility Type	Change	City
St Marys Hospital for Children Inc	95	N/A	C	Nursing Home	Moved out of Zone	Bayside
Daughters of Jacob Nursing Home Company Inc	405	6	N/A	Nursing Home	New to Zone	Bronx
Atlantis Rehabilitation and Residential Health Care Facility	400	6	N/A	Nursing Home	New to Zone	Brooklyn
Bridge View Nursing Home	200	5	N/A	Nursing Home	New to Zone	Whitestone
Cliffside Rehabilitation & Residential Health Care Center	218	5	N/A	Nursing Home	New to Zone	Flushing
Fairview Nursing Care Center Inc	200	6	N/A	Nursing Home	New to Zone	Forest Hills
Highbridge-Woodycrest Center Inc	90	6	N/A	Nursing Home	New to Zone	Bronx
St Vincent Depaul Residence	120	6	N/A	Nursing Home	New to Zone	Bronx
Hopkins Center for Rehabilitation and Healthcare	288	6	N/A	Nursing Home	New to Zone	Brooklyn
Union Plaza Care Center	280	6	N/A	Nursing Home	New to Zone	Flushing

ACFs that are New Additions to the Zones

Name	Bed Capacity	Evac. Zone	Old Evac. Zone	Facility Type	Change	City
St. Vincent de Paul Assisted Living Program	59	6	N/A	Adult Care Facility	New to Zone	Bronx
Sunrise at Mill Basin (New Facility)	142	2	N/A	Adult Care Facility	New to Zone	Brooklyn
Sunrise at Sheepshead Bay (New Facility)	189	1	N/A	Adult Care Facility	New to Zone	Brooklyn
West Side Federation For Sr. and Supportive Housing	99	6	N/A	Adult Care Facility	New to Zone	New York
NY Found-Sr Citizens EHP#2 Brown Gardens	47	5	N/A	Adult Care Facility	New to Zone	New York
New York Armenian Home, Inc.	79	6	N/A	Adult Care Facility	New to Zone	Flushing
Castle Senior Living at Forest Hills	20	5	N/A	Adult Care Facility	New to Zone	Forest Hills
Castle Senior Living at Forest Hills	177	5	N/A	Adult Care Facility	New to Zone	Forest Hill

Mitigation Strategy Resources

New Publications:

- ❑ Post Sandy Initiative - Building Better, Building Smarter: Opportunities for Design and Development May 2013, NYS AIA http://postsandyinitiative.org/wp-content/uploads/2013/05/Post-Sandy-Report_Full.pdf
- ❑ Design Guide for Improving Hospital Safety in Earthquakes, Floods, and High Winds: Providing Protection to People and Buildings,
<http://www.fema.gov/library/viewRecord.do;jsessionid=CBCBA90ACDB67FAEAAB083E8DD83F1C9.WorkerPublic2?action=back&id=2739>



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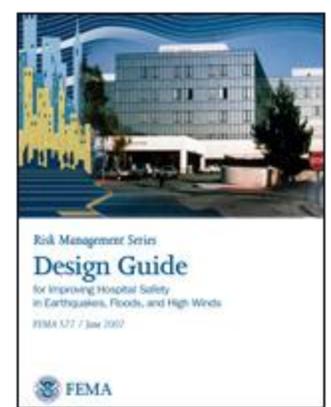
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Resource Record Details

Design Guide for Improving Hospital Safety in Earthquakes, Floods, and High Winds: Providing Protection to People and Buildings



The intent of the Design Guide is to provide its audience with state-of-the-art knowledge on the variety of vulnerabilities faced by hospitals exposed to earthquakes, flooding, and high-winds risks, as well as the best ways to mitigate the risk of damage and disruption of hospital operations caused by these events. The information presented in this publication provides an exhaustive review of mitigation measures and design solutions that can improve the safety of hospitals in natural hazard events. However, this publication is not intended to be a comprehensive mitigation design manual that the reader can use to develop actual plans and specifications. It is intended as an introduction to the fundamental principles of natural hazard risk reduction, with an emphasis on mitigation planning and the design of hospital buildings.

Document Details:

Media Type: File

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The Design for Risk and Reconstruction Committee, DfRR, is set up to explore and address the potential for the design community to mitigate and adapt to disasters through the built environment.

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UPCOMING EVENTS
For a listing of all our upcoming events,

POST-SANDY INITIATIVE

MAY 2013

Initiative Overview

Building Better, Building Smarter – Opportunities for Design and Development

The Post-Sandy Initiative is structured as the planning and design community's response to the recent Superstorm. Initiated by the [American Institute of Architects New York Chapter \(AIANY\)](#) and the [AIANY's Design for Risk and Reconstruction Committee \(DfRR\)](#) in the weeks that followed the storm, and in collaboration with a wide range of other professional organizations and concerned individuals, it has been supported by the participation of a variety of local, regional, state, and national public agency participants.

Working Groups were formed to focus on several areas key to resilience: Transportation & Infrastructure, Housing, Critical & Commercial Building, Codes & Zoning, and Waterfront. Over 150 professionals have given their time to these Working Groups to explore important issues about the emergency planning for and response to Sandy, both in terms of short-term recovery efforts and long-term resiliency considerations. Their contributions form the basis of the Post-Sandy Initiative Report, released on May 1, 2013 and the corresponding exhibit, which will be on view at the Center for Architecture during May and June 2013. This effort has made it clear that we can, and need to, do

Download Report



Executive Summary



Public Health and Health Planning Council (PHHPC) Ad Hoc Committee on Environmental and Construction Standards for Health Care Facilities

- ❖ Membership includes PHHPC members, environmental and emergency management experts from NYC and NYS, health care design professionals and representatives for the provider community.
- ❖ Frequent public involvement and comments are encouraged
- ❖ Meeting Dates:
 - ❖ June 27, 2013 –NYC
 - ❖ July 25, 2013 – NYC/ALBANY
 - ❖ August 15, 2013 – NYC
- ❖ Recommendations including specific changes to the codes are expected to be completed this Fall of 2013 and presented to the full PHHPC.