Federal HLS GIS Resources For New York State and Local Use

Via HSIN Connect…a free service!

A copy of this webinar will be made available to all who pre-registered

HIFLD/HSIP Overview & FEMA GeoPortal Review

Alan Leidner HIFLD/HTTR Julia O'Brien FEMA Region 2

January 24th 2013

Need help getting resources?

Don’t worry if you miss something!

Just Make The Connection!

Alan Leidner
leidner_alan@bah.com
212-551-6416

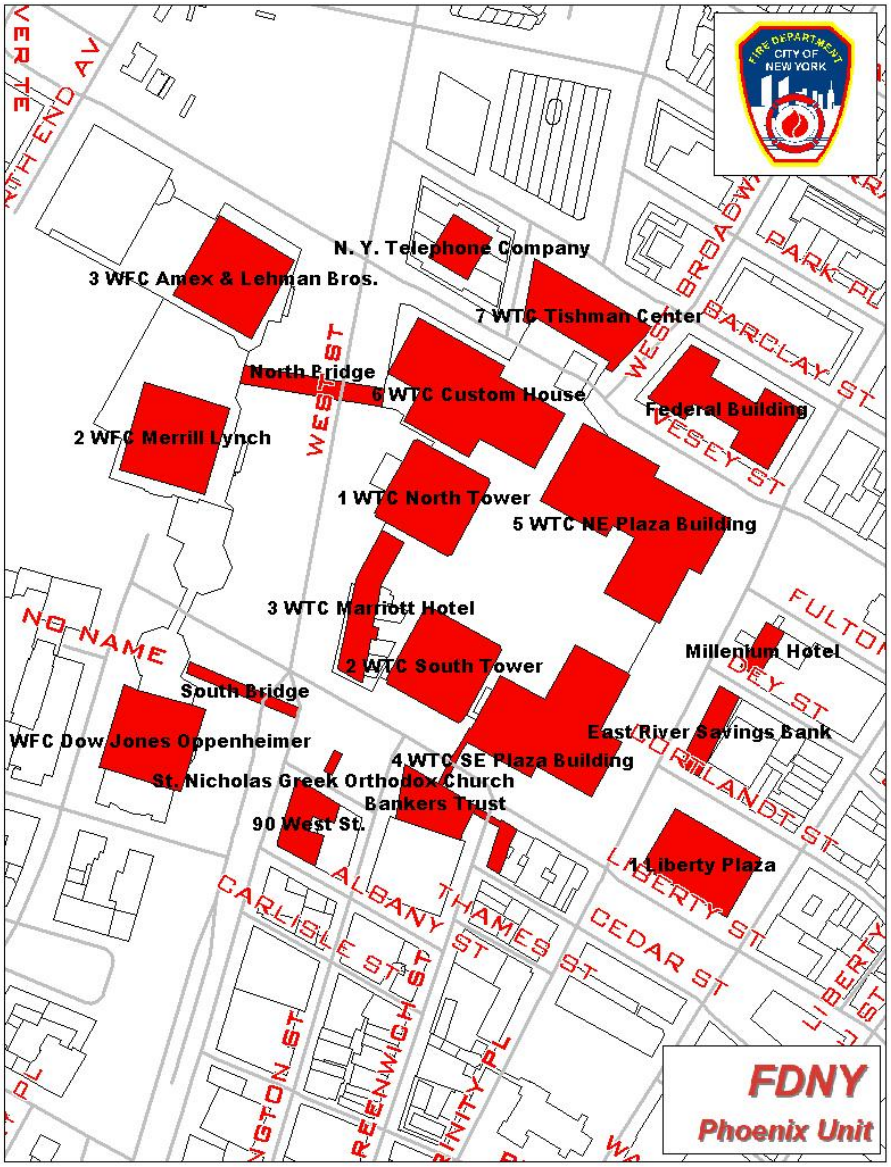
Federal HLS GIS Resources For New York State and Local Use

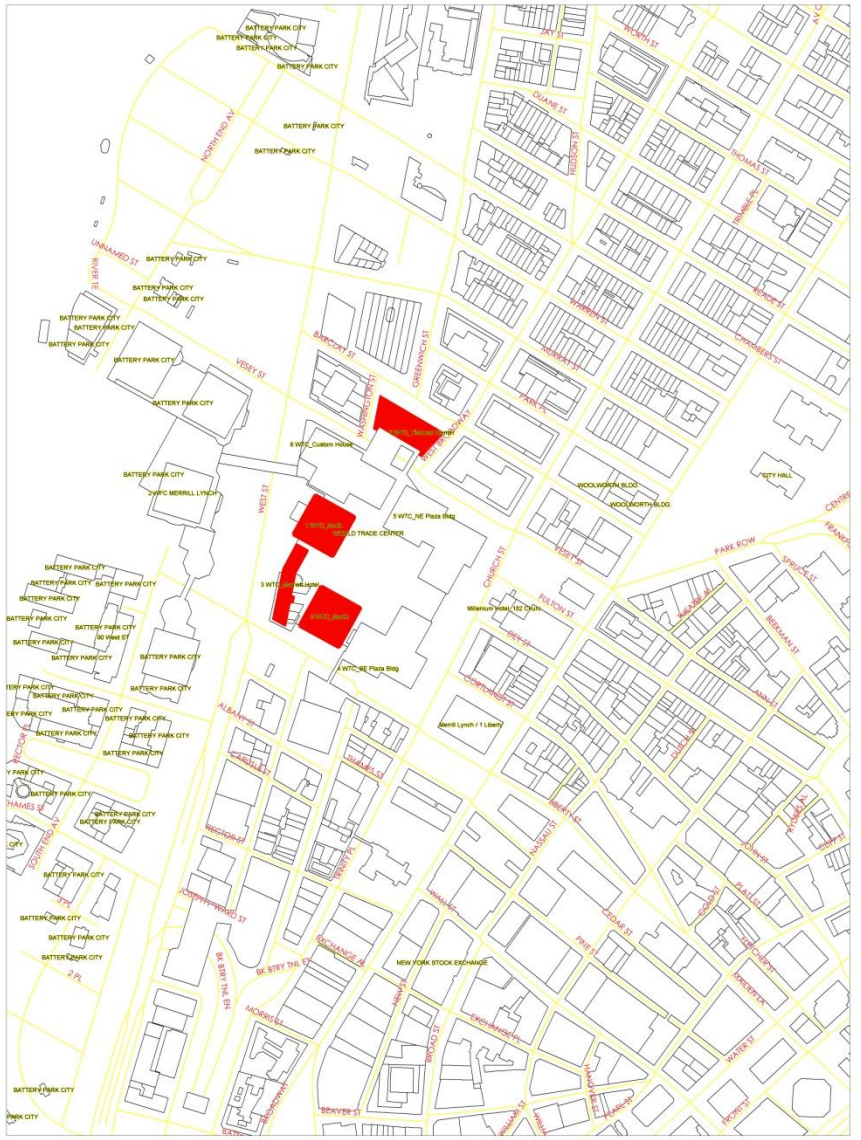
- *The GIS Response to 9/11*
  - *The importance of comprehensive, national infrastructure data*
- The HIFLD Program: *Homeland Infrastructure Foundation Level Data*
  - HSIP Gold and HSIP Freedom Data sets*
  - HIFLD Website*
- Homeland Security Information Network*
  - OneView: View HSIP Gold Data*

The GIS Response to 9/11

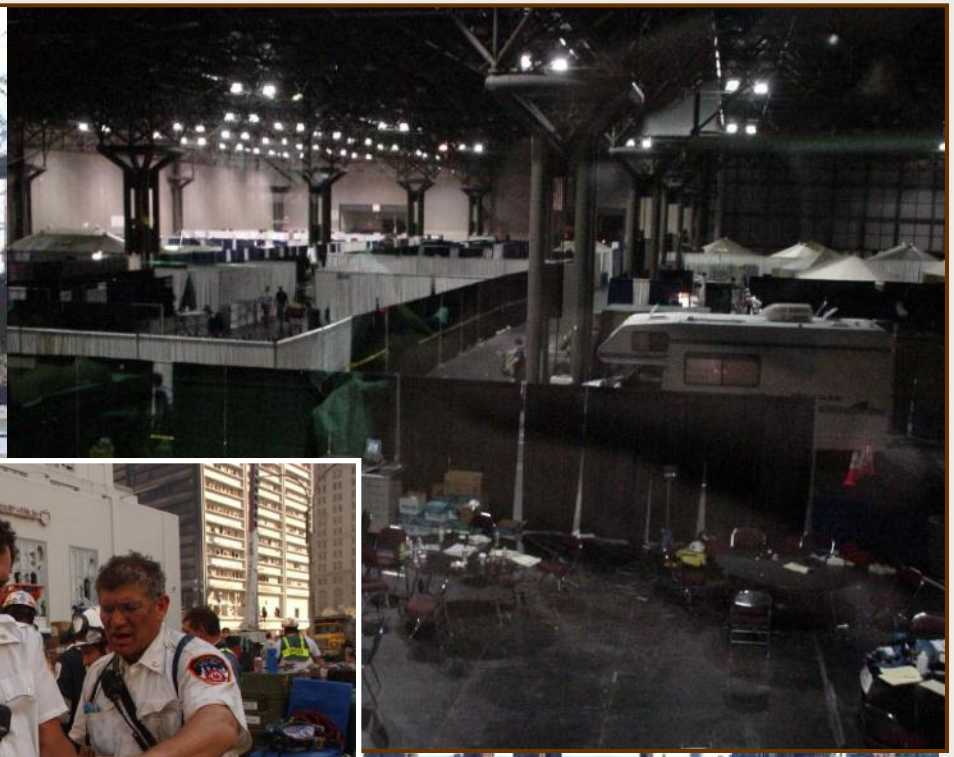
A City, Regional, State and National proving ground

The First Map Created in Response to the Attack
FDNY Captain Justin Werner, Dana Schiavo, Chang Chung



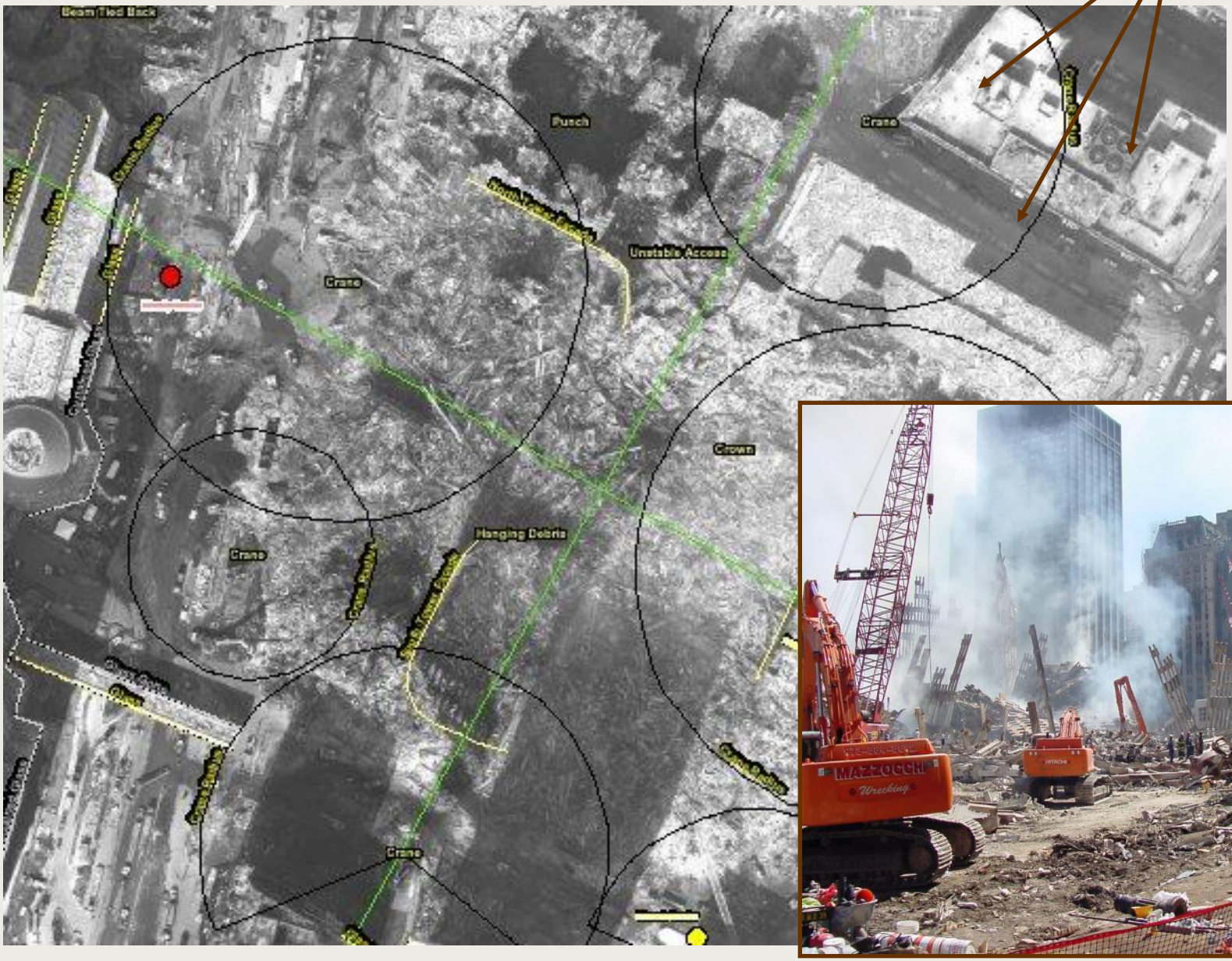


Ronald Langhelm
FEMA GIS
World Trade Center 9-11-01
DR-1391-NY



US Army Corps
of Engineers

Crane Placement

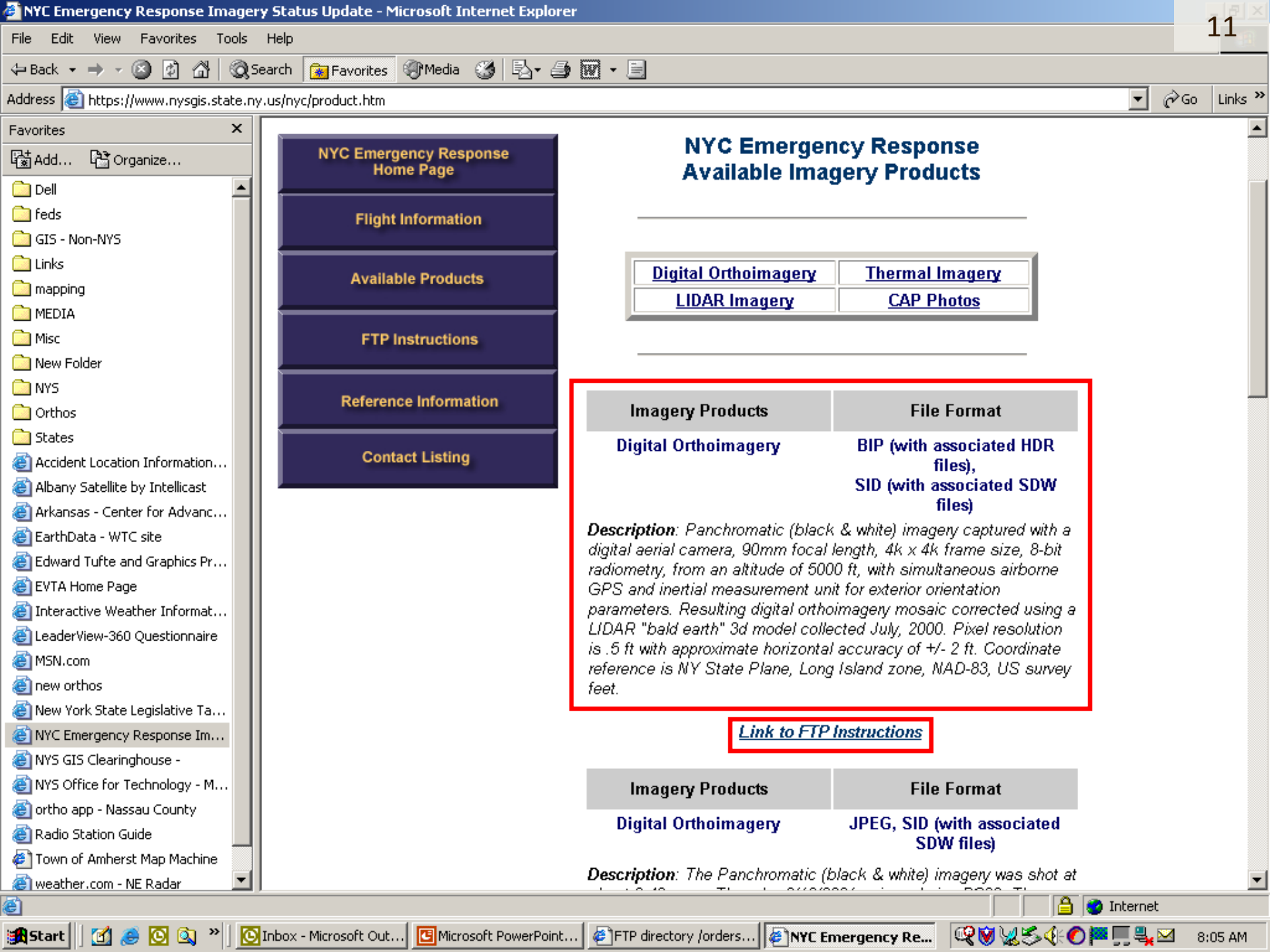


Imagery to support the World Trade Center Recovery Efforts

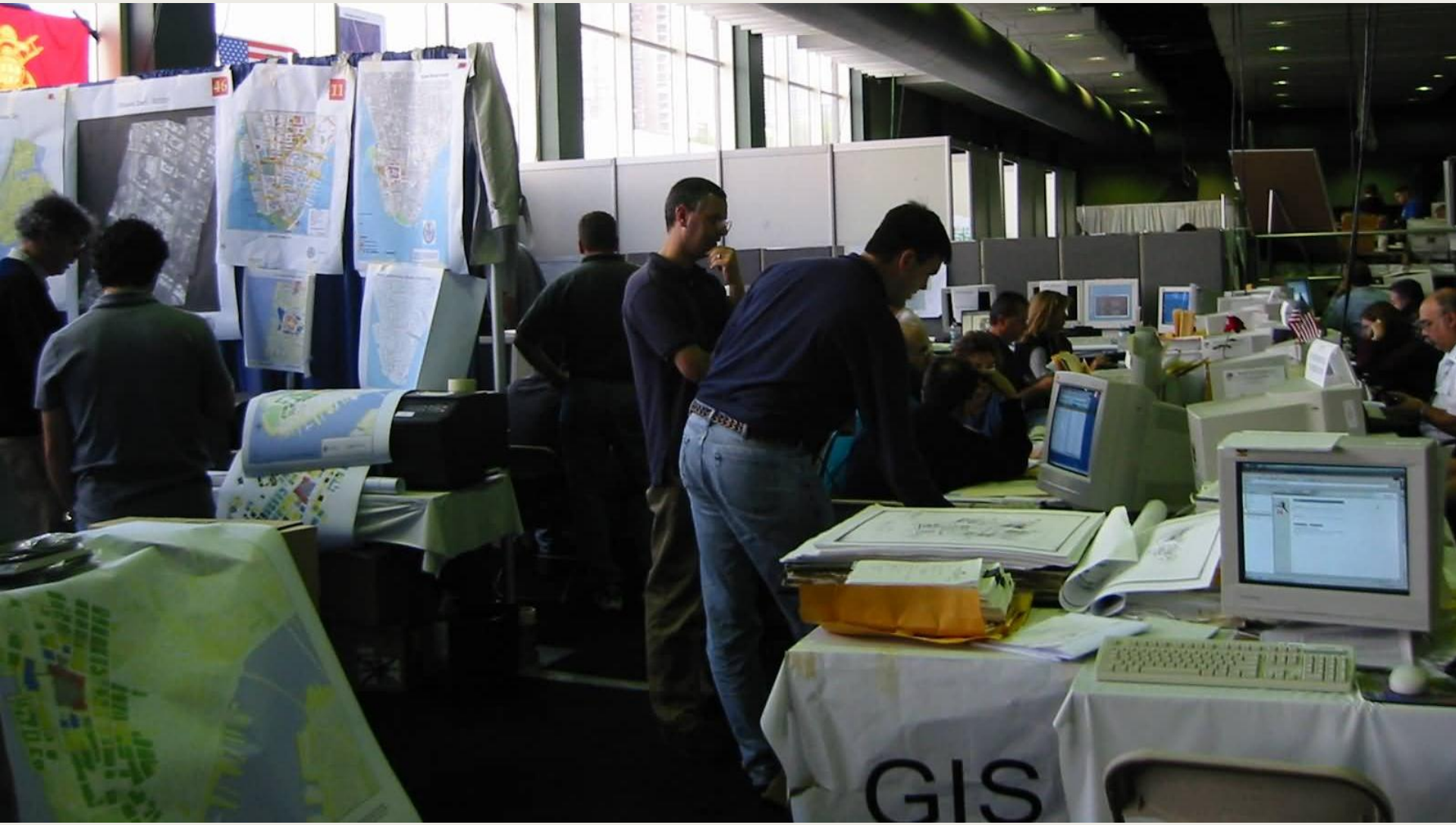
Bill Johnson, NYS Office of Cyber Security
Bruce Oswald, Oswald Associates

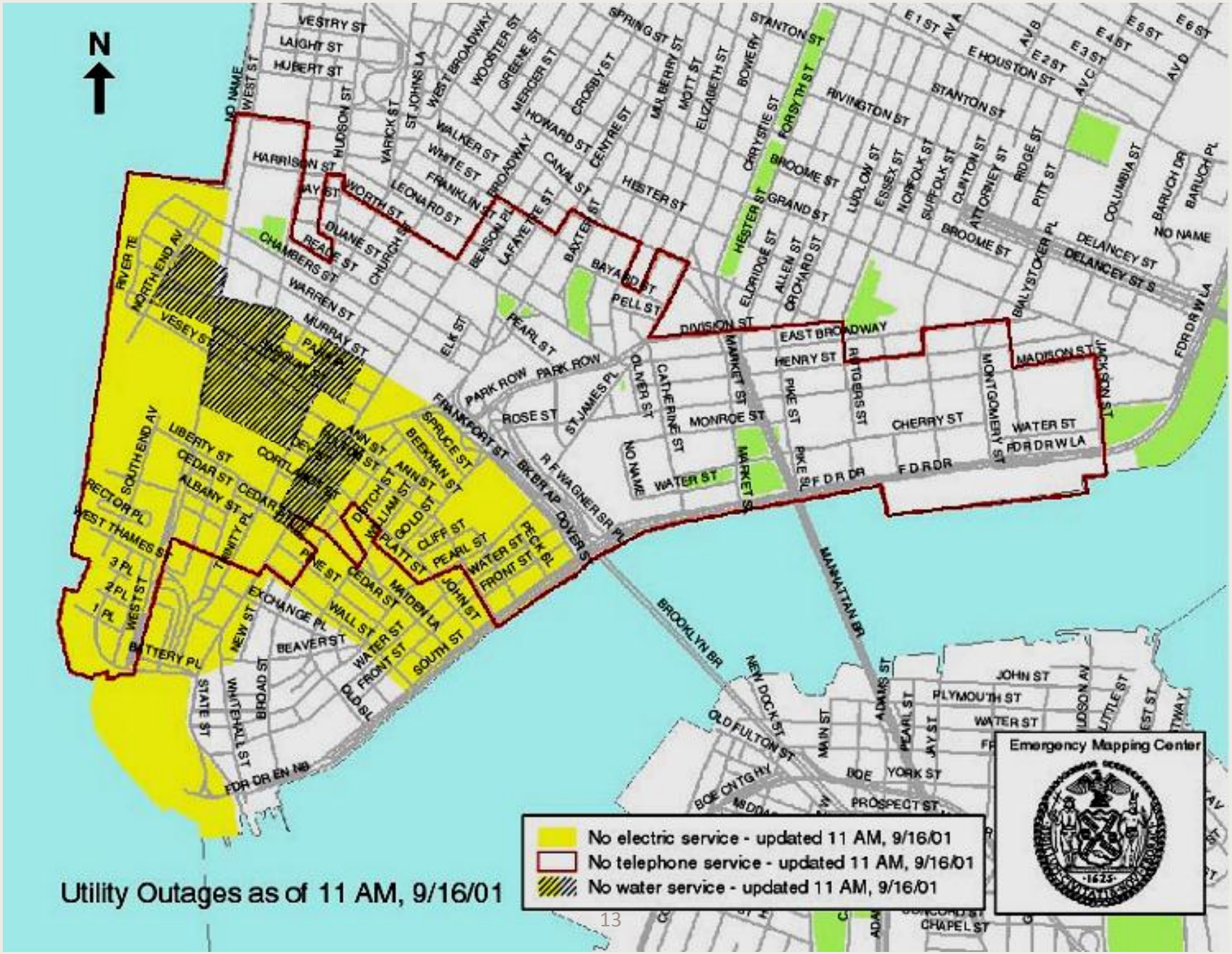
MAXIMUM
OCCUPANCY
Skylin
Displays & Grap

N62912
N8327W

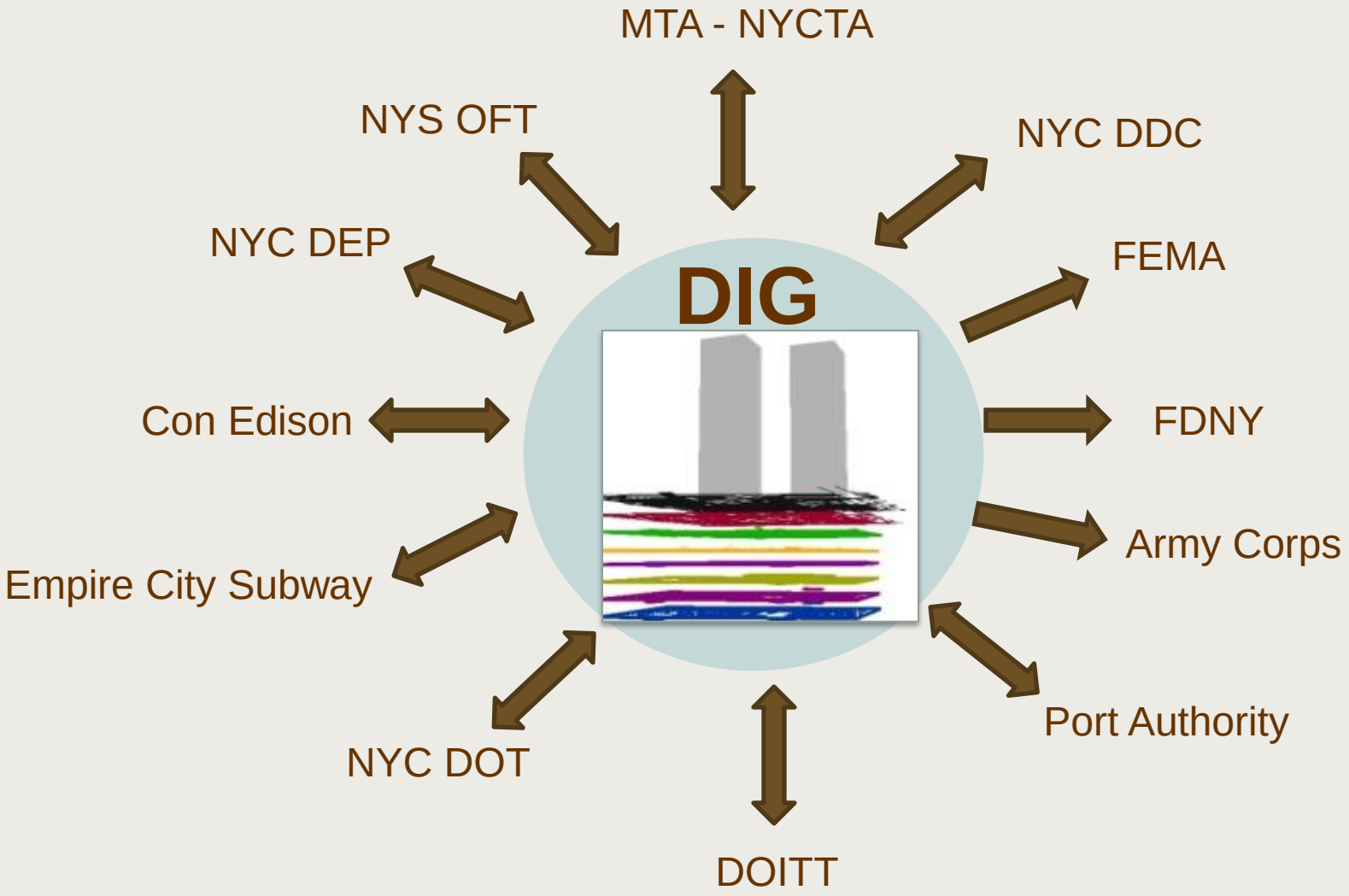

NYC Emergency Response Imagery Status Update - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://www.nysgis.state.ny.us/nyc/product.htm
Go Links
Favorites
Add... Organize...
Dell
feds
GIS - Non-NYS
Links
mapping
MEDIA
Misc
New Folder
NYS
Orthos
States
Accident Location Information...
Albany Satellite by Intellicast
Arkansas - Center for Advanc...
EarthData - WTC site
Edward Tufte and Graphics Pr...
EVTA Home Page
Interactive Weather Informat...
LeaderView-360 Questionnaire
MSN.com
new orthos
New York State Legislative Ta...
NYC Emergency Response Im...
NYS GIS Clearinghouse -
NYS Office for Technology - M...
ortho app - Nassau County
Radio Station Guide
Town of Amherst Map Machine
weather.com - NE Radar
NYC Emergency Response Home Page
Flight Information
Available Products
FTP Instructions
Reference Information
Contact Listing
NYC Emergency Response
Available Imagery Products
Digital Orthoimagery
Thermal Imagery
LIDAR Imagery
CAP Photos
Imagery Products
File Format
Digital Orthoimagery
BIP (with associated HDR files),
SID (with associated SDW files)
Description: Panchromatic (black & white) imagery captured with a digital aerial camera, 90mm focal length, 4k x 4k frame size, 8-bit radiometry, from an altitude of 5000 ft, with simultaneous airborne GPS and inertial measurement unit for exterior orientation parameters. Resulting digital orthoimagery mosaic corrected using a LIDAR "bald earth" 3d model collected July, 2000. Pixel resolution is .5 ft with approximate horizontal accuracy of +/- 2 ft. Coordinate reference is NY State Plane, Long Island zone, NAD-83, US survey feet.
Link to FTP Instructions
Imagery Products
File Format
Digital Orthoimagery
JPEG, SID (with associated SDW files)
Description: The Panchromatic (black & white) imagery was shot at
Internet
Start
Inbox - Microsoft Out...
Microsoft PowerPoint...
FTP directory /orders...
NYC Emergency Re...
8:05 AM

EMDC Map Request Intake and Pickup Station



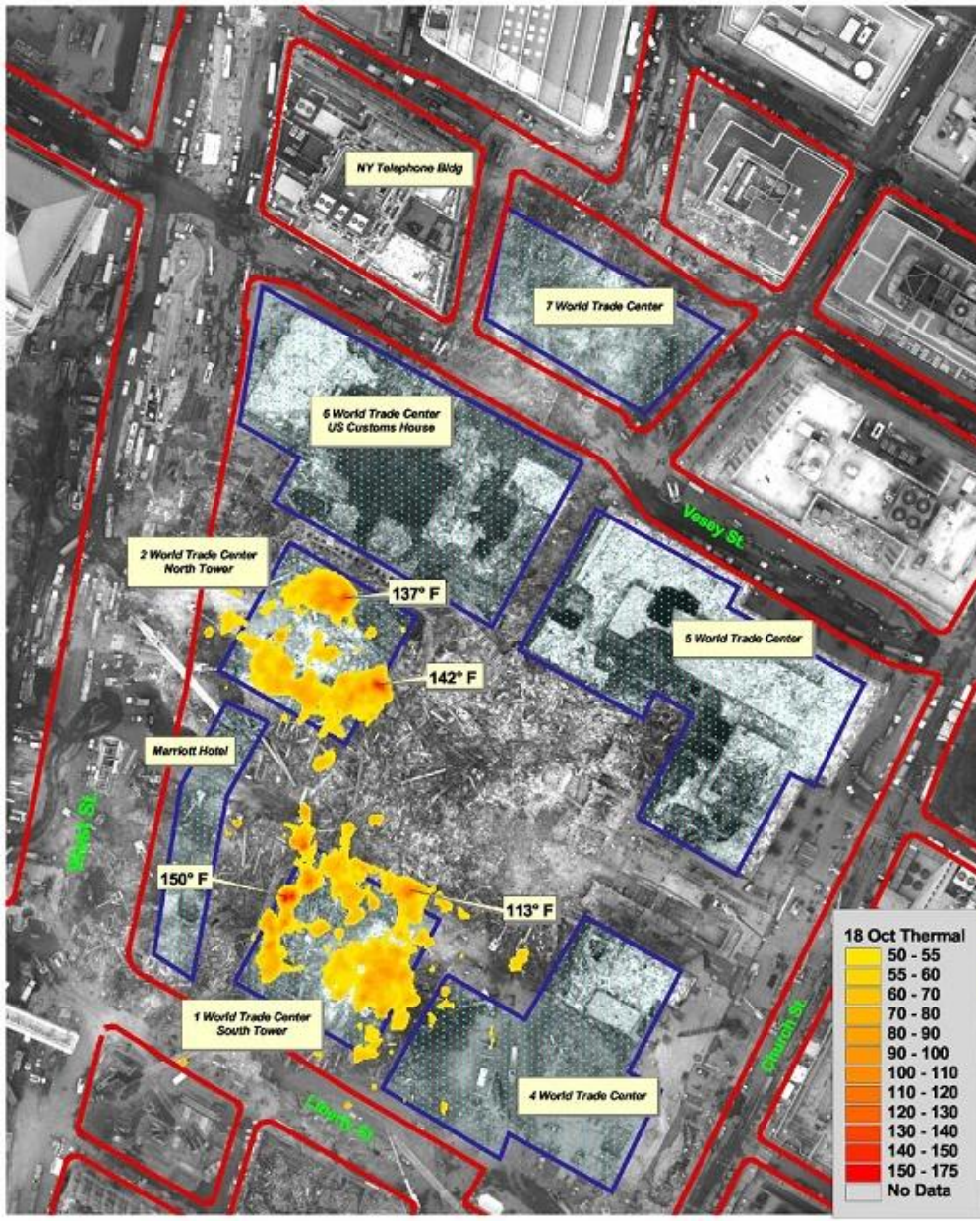

N
Utility Outages as of 11 AM, 9/16/01
No electric service - updated 11 AM, 9/16/01
No telephone service - updated 11 AM, 9/16/01
No water service - updated 11 AM, 9/16/01
Emergency Mapping Center
VESTRY ST
LAIGHT ST
HUBERT ST
HARRISON ST
CHAMBERS ST
WARREN ST
MURRAY ST
VESEY ST
PARK PL
PARK ROW
ROSE ST
FRANKFORT ST
BARCLAY ST
DUANE ST
READE ST
WORTH ST
LEONARD ST
WHITE ST
WALKER ST
HESTER ST
GRAND ST
BROOME ST
DELANCEY ST
DELANCEY ST S
DIVISION ST
EAST BROADWAY
HENRY ST
MADISON ST
JACKSON ST
MONROE ST
CHERRY ST
WATER ST
PIKE ST
MARKET ST
MONTGOMERY ST
CATHERINE ST
OLIVER ST
ST JAMES PL
PELL ST
BAYARD ST
CANAL ST
HOWARD ST
SPRING ST
STANTON ST
HOUSTON ST
E 1 ST
E 2 ST
E 3 ST
E 4 ST
E 5 ST
E 6 ST
AV A
AV B
AV C
AV D
RIVINGTON ST
CLINTON ST
ATTORNEY ST
RIDGE ST
PITT ST
COLUMBIA ST
BARUCH DR
BARUCH PL
NO NAME
FDR DR W LA
F D R DR
F D R DR S
R F WAGNER SR PL
BKBR AP
DOVER S
PECK SL
FRONT ST
WATER ST
CLIFF ST
PEARL ST
PLATT ST
GOLD ST
WILLIAM ST
ANN ST
BEEKMAN ST
SPRUCE ST
DUTCH ST
CORTLANDT ST
LIBERTY ST
CEDAR ST
ALBANY ST
RECTOR PL
WEST THAMES ST
TRINITY PL
SOUTH END AV
NORTH END AV
RIVER TE
1 PL
2 PL
3 PL
WEST ST
BATTERY PL
STATE ST
BROAD ST
WHITEHALL ST
EXCHANGE PL
BEAVER ST
WALL ST
NEW ST
PINE ST
MAIDEN LA
JOHN ST
SOUTH ST
OLD SL
FDR DR EN NB
BROOKLYN BR
MANHATTAN BR
NEW DOCK ST
OLD FULTON ST
MAIN ST
ADAMS ST
PEARL ST
JAY ST
PLYMOUTH ST
JOHN ST
YORK ST
PROSPECT ST
BOE
BOE CNTGHY
CHAPEL ST
HUDSON AV
LITTLE ST
1625

Deep Infrastructure Group (DIG)



Serves as Infrastructure Data Exchange Broker

Fuel tanks + Freon + Fires = Trouble



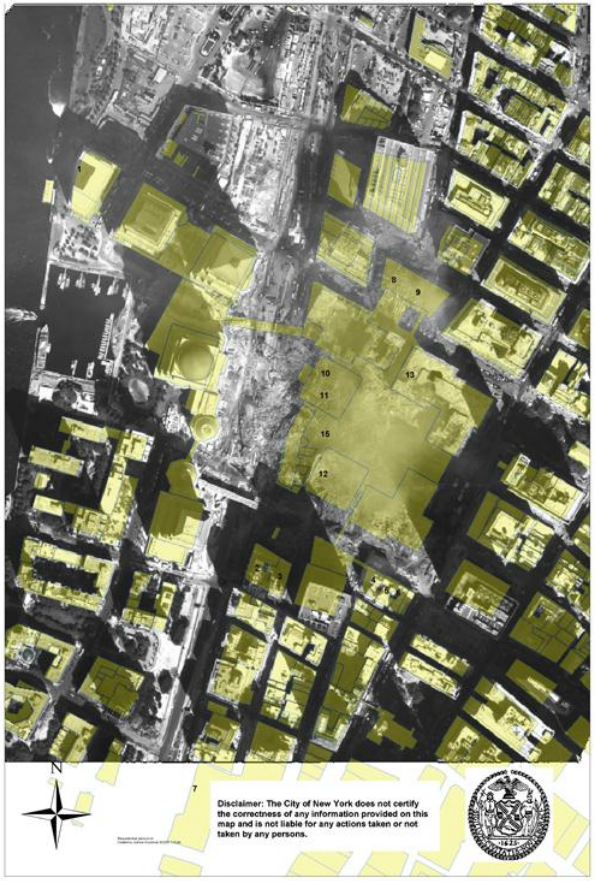
Fuel Tanks Near the World Trade Center Within Secured Area

1) PBS# 2-601825
250 Vesey Street
400 gallons
Fuels: #1, 2, or 4
Steel Storage Tank, Above Ground

2) PBS# 2-200212
90 West Street
2 x 10,000 gallons
Fuels: #5 or 6
Steel Tanks, Above Ground

3) PBS# 2-511536
130 Ceder Street
9,500 gallons, #5 or 6,
Underground, Vaulted Access
3,000 gallons, #1, 2, or 4
Steel Tank

4) PBS# 2-357685
124 Liberty Street
330 gallons, Above ground, Steel tank
1,000 gallons
Below ground, Fiberglass reinforced plastic
Diesel Fuel



5) PBS# 2-604662
120 Liberty Street
4,000 gallons
Fuels: #1, 2, or 4
Steel Tank, Above ground

6) PBS# 2-332941
114 Liberty Street
5,000 gallons
Fuels: #5 or 6
Steel Tank, Above Ground

7) PBS#2-258822
47 West Street
3,000 gallons
Fuels: #5 or 6
Steel Storage Tank, Above Ground

8) PBS# 2-601553
7 World Trade Center
2 x 6,000 gallons
Diesel Fuel
Underground Storage Tank

9) PBS# 2-602283
7 World Trade Center
2 x 11,690 gallons
Fuels: 1, 2, or 4
Fiberglass reinforced plastic tanks, Undergroun

10) PBS# 2-602234
1 World Trade Center
10,000, 3 x 275, & 100 gallons
Fuels: #1, 2, or 4
Steel Storage Tank

11) PBS# 2-293563
1 WORLD TRADE CENTER
10,000, 5,000, 1,800, & 3 x 275 gallons
Fuels: 1, 2, or 4
Above Ground, Stainless Steel Tanks

12) PBS# 2-344737
2 World Trade Center
2 x 2,500 gallons
Fuels: #1, 2, or 4
Steel Storage Tanks, Above Ground

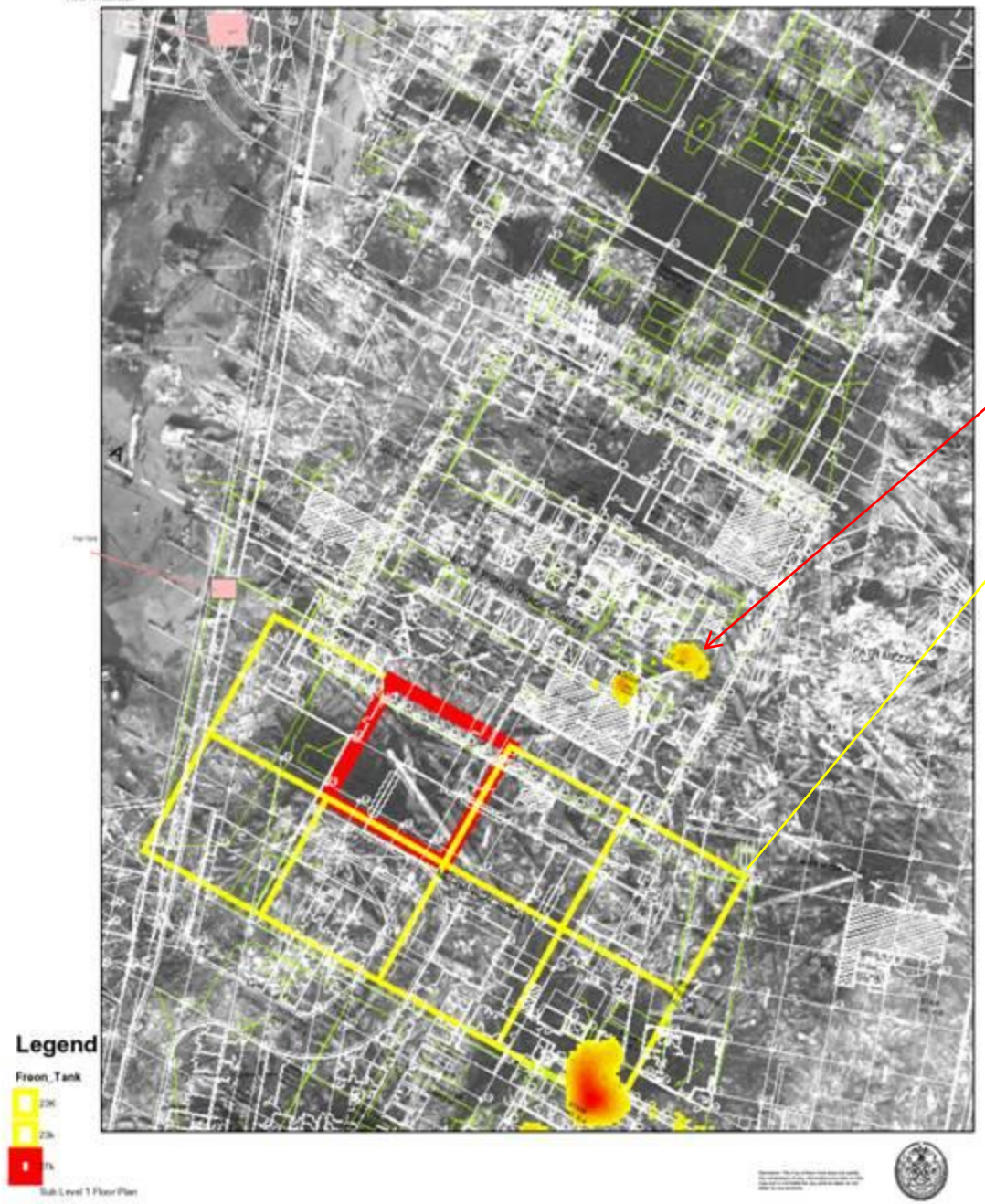
13) PBS# 2-604231
5 World Trade Center
2 x 10,000 gallons
Fuels: #1, 2, or 4
Steel Storage Tanks, Above Ground, Level B2

14) PBS# 2-000204
River Water Pump Station
(Actual Location Unknown)
2 x 4000 gallons
Sodium HypoChlorite
Fiberglass Reinforced Plastic Tank

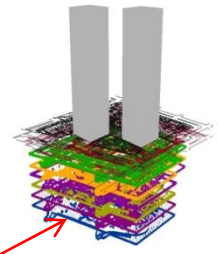
15) Large Freon Tank

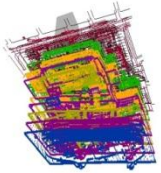
NOTE: Interpretations and clarifications can be obtained through Thomas Plesnarski at the NYDSEC WTC Operations Command Center at 518.402.2993 or 518.402.8813

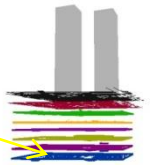
Fuel and Freon Tanks



3D Model showing the search for Freon Tanks







Fires Burning

Freon Tank location area of interest

Underground tanks held more than 200,000 pounds of freon gas

- Threat of explosion from fires
- Fear that leaks would suffocate workers

Eventually tanks were emptied and safely removed

Lessons Learned

- Spatially enabled infrastructure information is **crucial** to disaster response
- Having a **common** GIS basemap and using pre-registered data is key
- Human network: **collaboration**
- Rapid, robust, reliable **communications** and data transfer

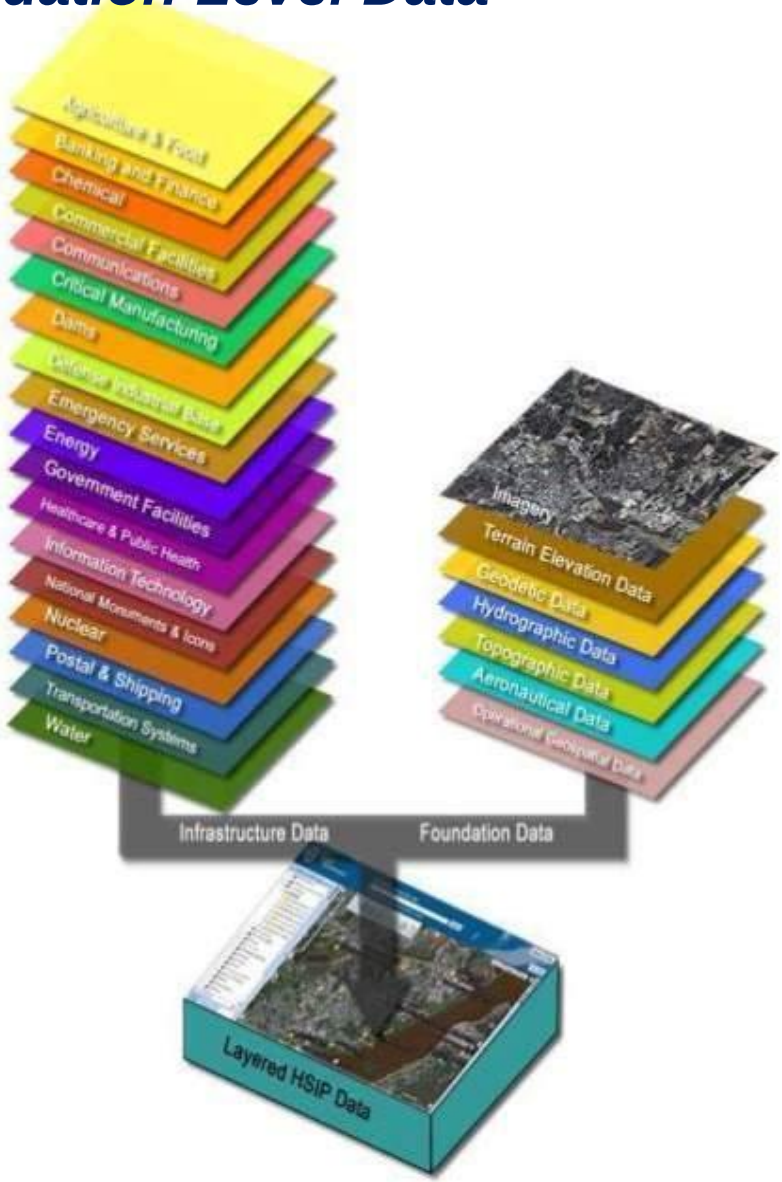
The HIFLD Working Group: February, 2002

Homeland Infrastructure Foundation Level Data

Presidential Declaration establishes 18 Critical Infrastructure categories and authorizes the collection of national infrastructure data

- Everyone Wants Situational Awareness (SA)
- Everyone Wants a Common Operational Picture (COP)

Both Require Common Foundation Data from Authoritative Sources



Homeland Infrastructure Foundation Level Data (HIFLD) Working Group

HIFLD Official Members

FEMA NGA DHS DoD USGS

Over 5,290 Contributing Partners From 14 Executive Departments, 94 Agencies and 50 States

Government Data Providers

U.S. Department of Agriculture (USDA)
- Forest Service

U.S. Department of Commerce (DOC)
- U.S. Census Bureau
- National Oceanic and Atmospheric Administration (NOAA)

U.S. Department of Defense (DoD)
- National Geospatial-Intelligence Agency (NGA)
- Defense Installation Spatial Data Infrastructure (DISDI)
- Defense Contract Management Agency (DCMA)
- U.S. Army
- U.S. Army Corps of Engineers (USACE)
- National Guard Bureau (NGB)
- Air National Guard (ANG)
- Army National Guard (ARNG)

U.S. Department of Energy (DOE)
- Office of Energy Efficiency & Renewable Energy
- National Renewable Energy Lab (NREL)
- Office of Science
- Oak Ridge National Laboratory (ORNL)

U.S. Department of Health & Human Services (HHS)

State/Local

U.S. Department of Homeland Security (DHS)
- Federal Emergency Management Agency (FEMA)
- U.S. Coast Guard (USCG)
- U.S. Customs and Border Protection (CBP)
- Office of the Border Patrol

U.S. Department of the Interior (DOI)
- Bureau of Indian Affairs (BIA)
- Minerals Management Service (MMS)
- U.S. Fish and Wildlife Service
- U.S. Geological Survey (USGS)
- National Park Service

U.S. Department of Transportation (DOT)
- Federal Aviation Administration (FAA)
- Federal Railroad Administration (FRA)
- Bureau of Transportation Statistics

U.S. Department of Veterans Affairs (VA)

U.S. Environmental Protection Agency (EPA)

U.S. General Services Administration (GSA)

U.S. Nuclear Regulatory Commission (NRC)

U.S. Postal Service (USPS)

Federal Communications Commission (FCC)

Federal Deposit Insurance Corporation (FDIC)

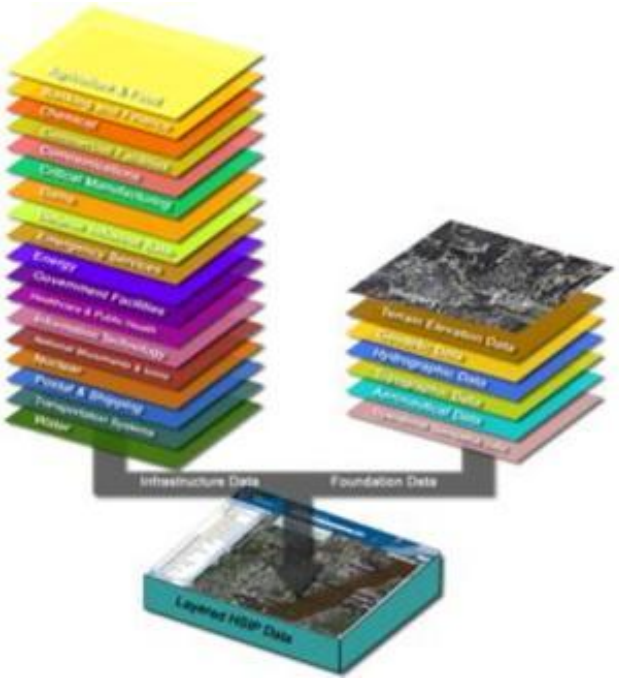
National Credit Union Administration (NCUA)

Non-Governmental Organizations
- **American Red Cross (ARC)**
- **Geospatial Multi-Agency Coordination**

Homeland Security Infrastructure Protection (HSIP) Data

Free to all Qualified

>500,000 Gov't workers have access



FEDERAL LEVEL DISSEMINATION

HSIP Gold + Navteq

475+ Infrastructure Data Layers Nationwide!

FEDERAL, STATE & LOCAL LEVEL DISSEMINATION

HSIP Freedom

260+ Infrastructure Data Layers Nationwide!

GDB, LYR, KML, WFS, WMS, REST, SOAP, etc.

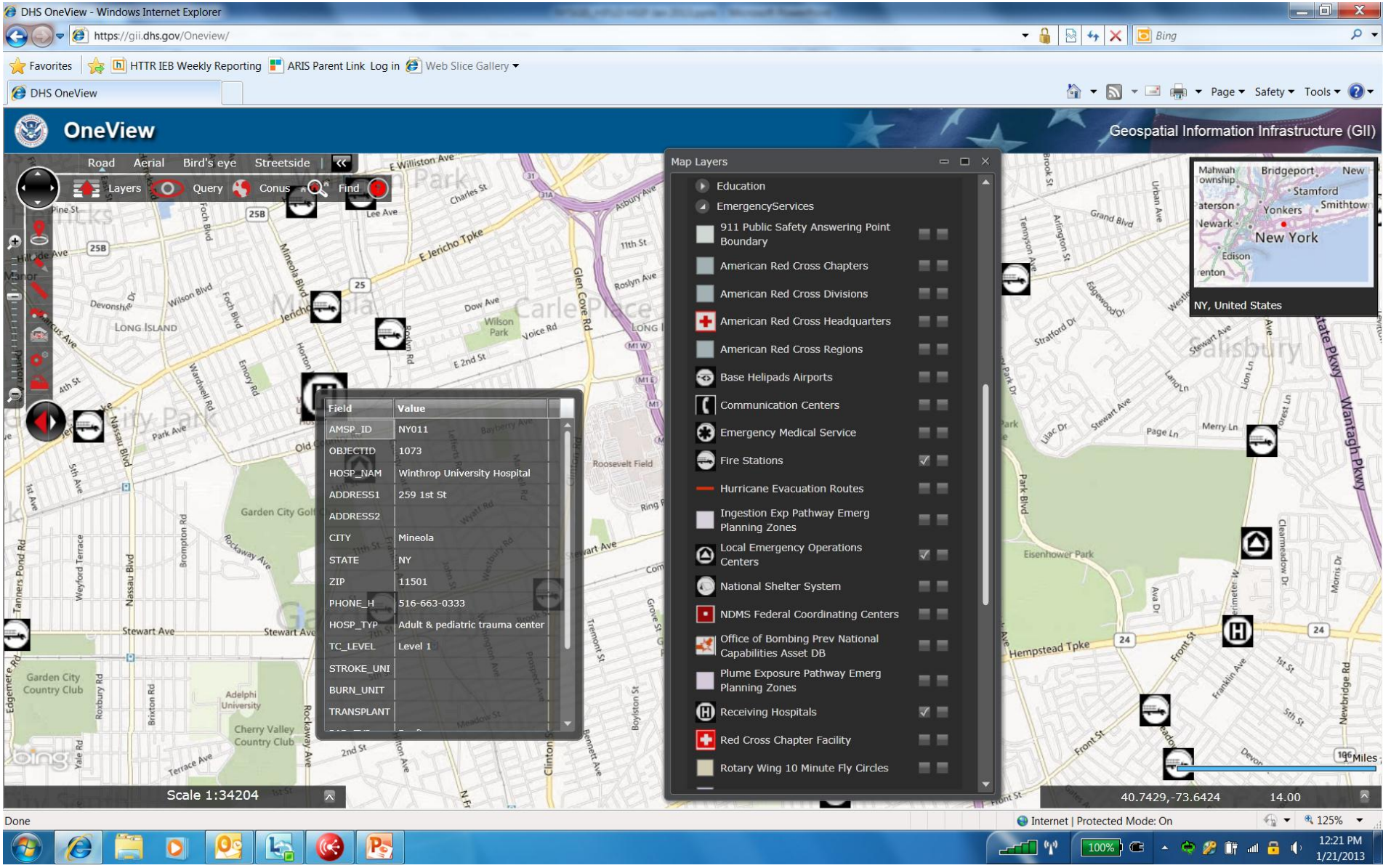
HSIP Data

Examples From: Emergency Services, Energy, Finance

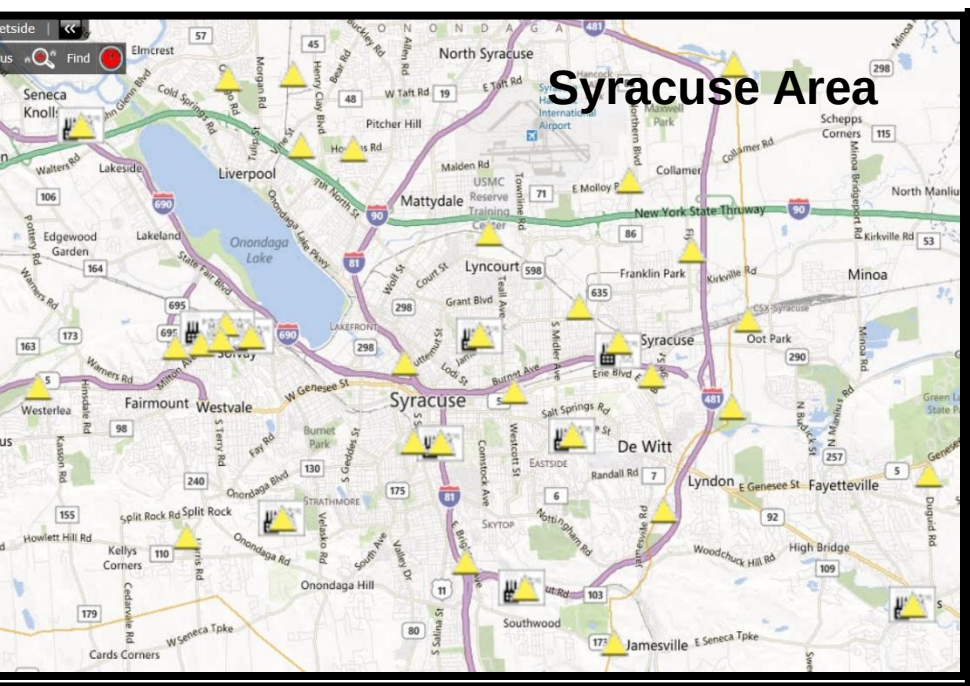
Geodatabase Name	Feature Class	Alias	Feature	Record	Source	Publication	Access Constraints	Use Constraints
EmergencyServ	Red_Cross_Chapters	American Red Cross Chapters	Area	571	American Red Cross	Dec-11	None (Public Domain Information)	None (Public Use)
EmergencyServ	Red_Cross_Divisions	American Red Cross Divisions	Area	9	American Red Cross	Dec-11	None (Public Domain Information)	None (Public Use)
EmergencyServ	Red_Cross_Headquarters	American Red Cross Headquarters	Point	575	American Red Cross	Dec-11	None (Public Domain Information)	None (Public Use)
EmergencyServ	Red_Cross_Regions	American Red Cross Regions	Area	113	American Red Cross	Dec-11	None (Public Domain Information)	None (Public Use)
EmergencyServ	State_EOCs	State Emergency Operation Centers (EOCs)	Point	58	Federal Emergency Management Agency (FEMA)	Jan-12	None (Public Domain Information)	None (Public Use)
Energy	Alternative_Fueling_Stations	Alternative Fueling Stations	Point	4884	National Renewable Energy Labs (NREL); National Transportation Atlas Database (NTAD) 2011	Jan-11	None (Public Domain Information)	None (Public Use)
Energy	NuclearFuel	Nuclear Fuel Plant	Point	13	TechniGraphics, Inc (TGS)	Nov-09	Federal, State and Local Government and Industry Partner Access Only	For Official Use Only (FOUO); no other use constraints
Energy	Pacific Platforms	Pacific Platforms	Point	23	Bureau of Ocean Energy Management, Regulation and Enforcement	Aug-11	None (Public Domain Information)	None (Public Use)
Energy	PropaneLocations	Propane Locations	Point	47353	Department of Homeland Security (DHS)	Oct-06	Federal, State and Local Government and Industry Partner Access Only	For Official Use Only (FOUO); no other use constraints
Energy	Radiological_Assistance_Program_Regions	Radiological Assistance Program (RAP) Regions	Area	9	Department of Energy (DOE)	Feb-04	None (Public Domain Information)	None (Public Use)
Finance	Banks_Main_Offices	FDIC Insured Bank - Main Office	Point	8193	TechniGraphics, Inc (TGS)	Apr-09	None (Public Domain Information)	None (Public Use)
Finance	CreditUnionsHQ	Credit Union Headquarters	Point	18112	National Credit Union Administration	Jan-08	None (Public Domain Information)	None (Public Use)

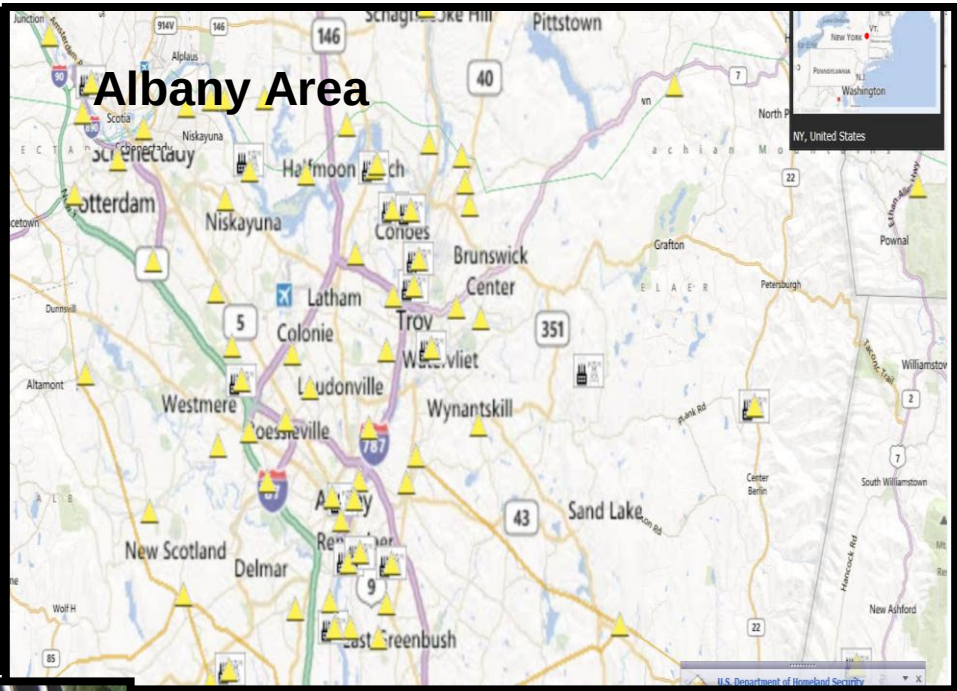
HSIP Emergency Mgmt Data Layers

Displaying Hospitals, EOCs and Fire Stations



HSIP Gold: Niagara Falls Power Generation Complex

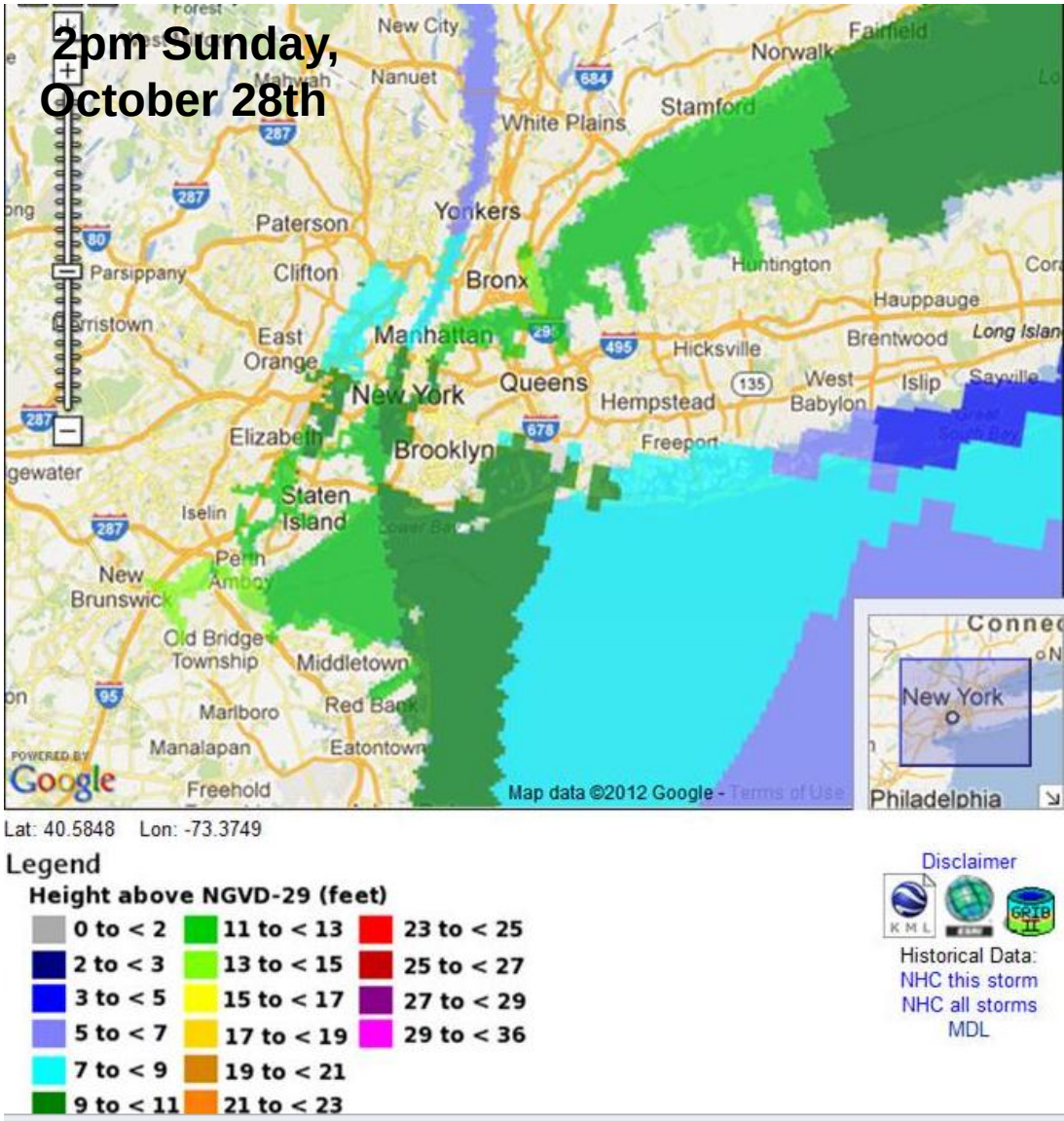

Syracuse Area
North Syracuse
Liverpool
Mattydale
Lyncourt
Syracuse
Fairmount
Westvale
De Witt
Lyndon
Fayetteville
Minoa
Onondaga Hill
Jamesville
Southwood
New York State Thruway


Albany Area
Pittstown
Niskayuna
Latham
Colonie
Loudonville
Westmere
Wynantskill
Brunswick
Center
Sand Lake
New Scotland
Delmar

Plattsville Power Plant

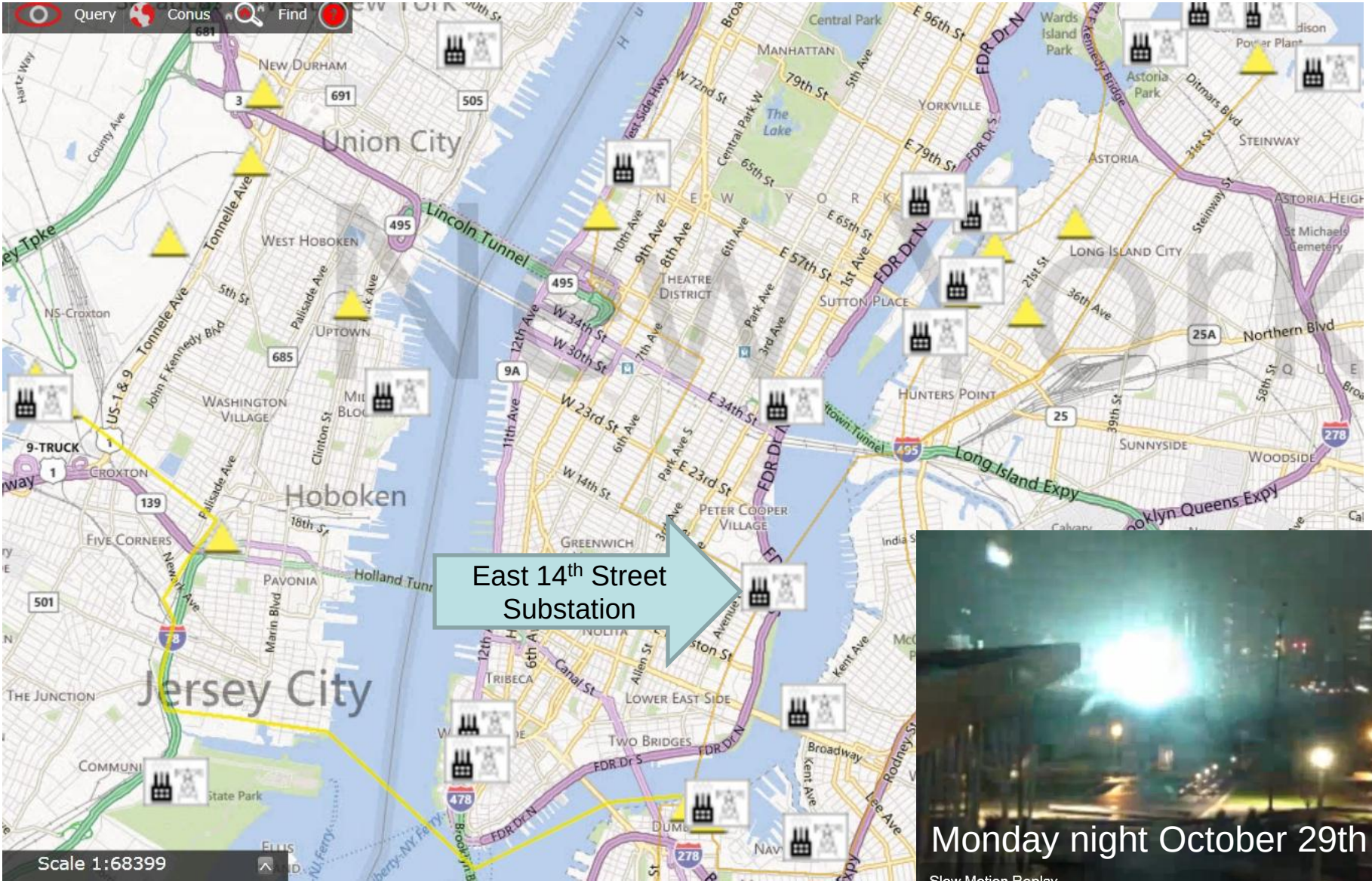
Indian Point

NOAA Predicted Storm Track and Surge Heights for Superstorm Sandy



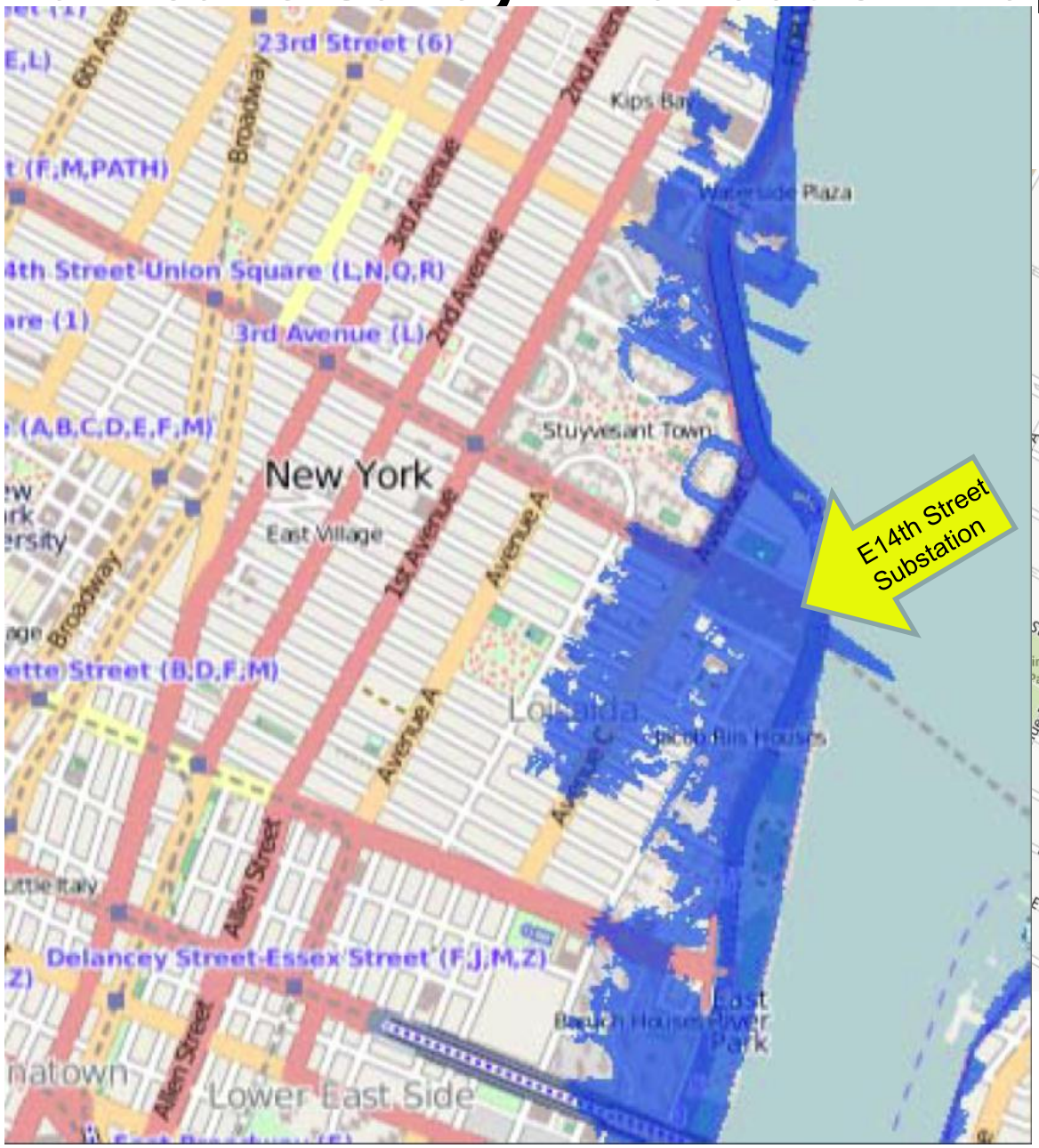
Sandy and the East 14th Street Power Plant and Substation

Lesson Learned: Electricity and water do not mix well

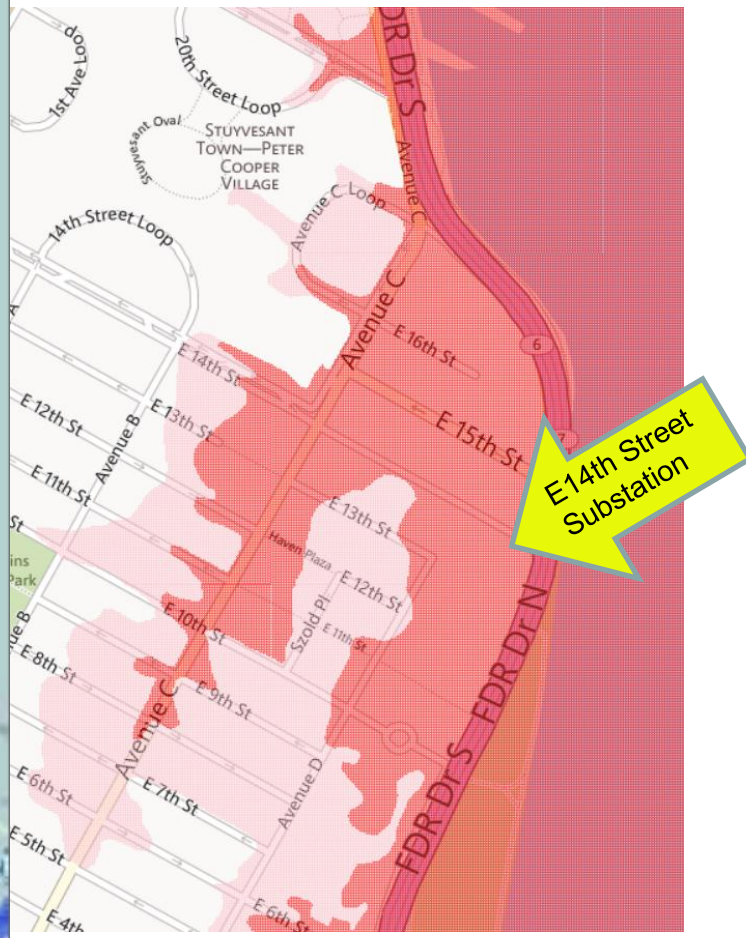


E 14th Street Power Plant & Substation

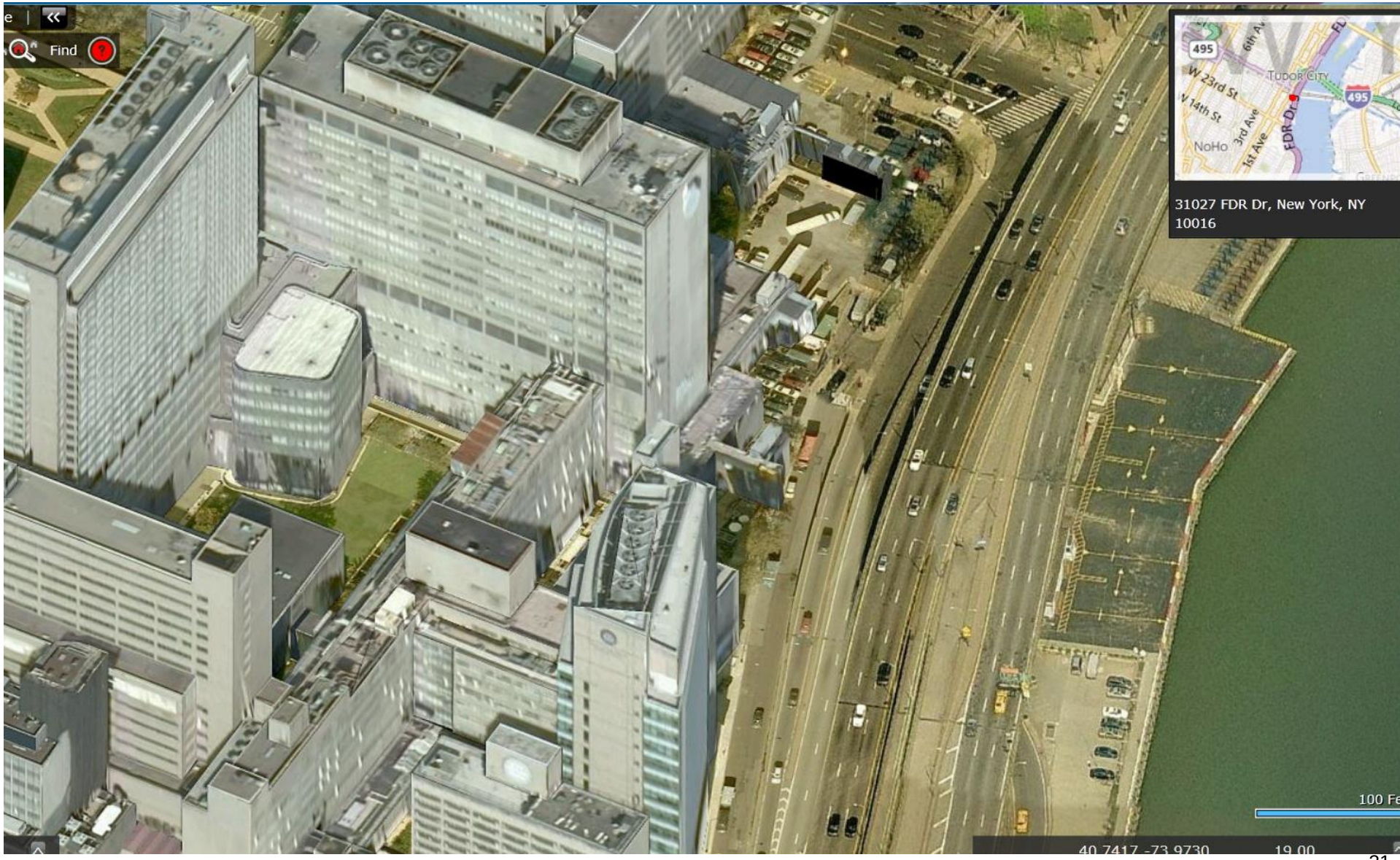
Hurricane Sandy Innundation Map



FEMA Flood Map

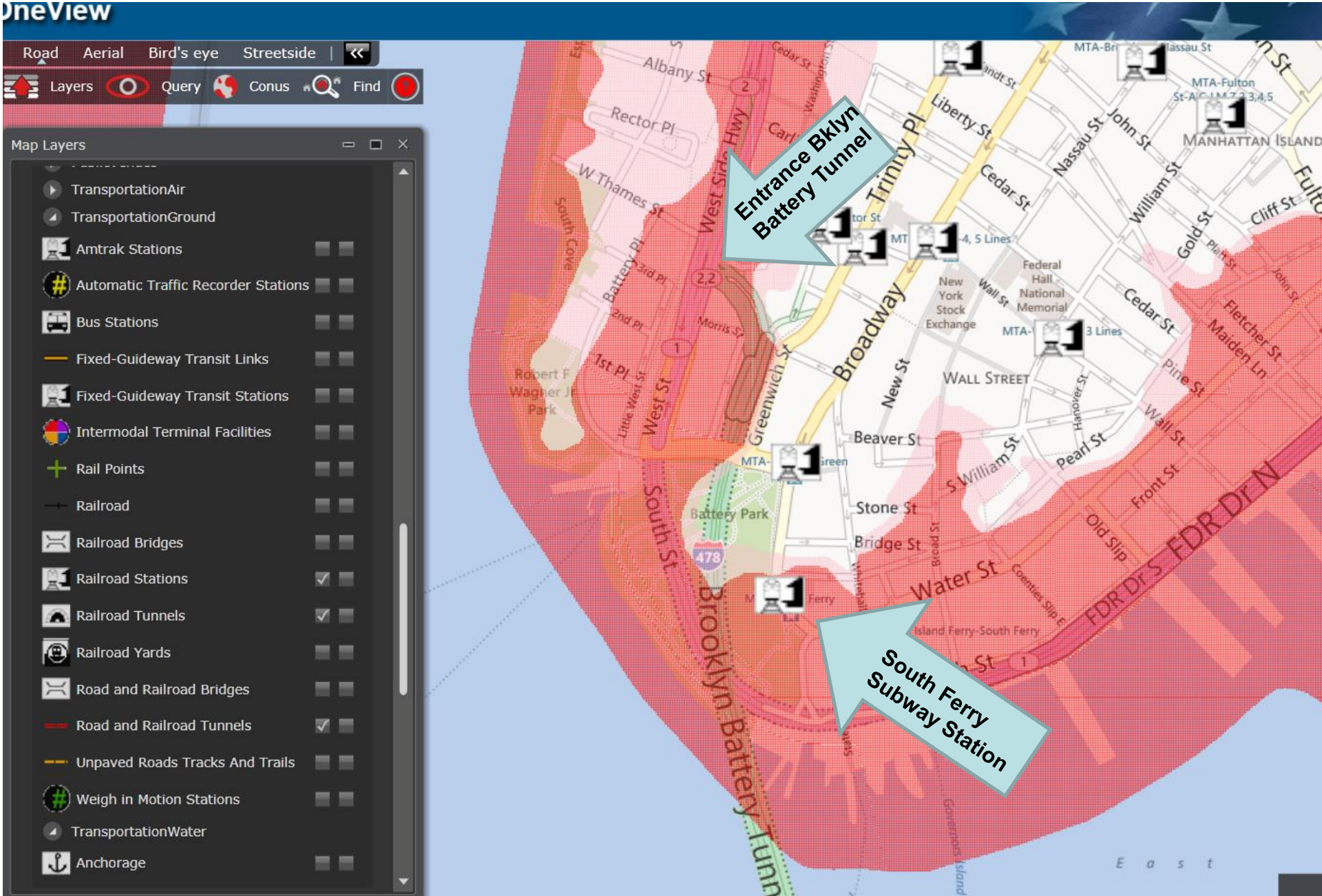


NYU Medical Center at E. 32nd Street



NYU Medical Center/Bellevue Hospital and Predicted Flood Zone

Lower Manhattan Flood map and transportation features

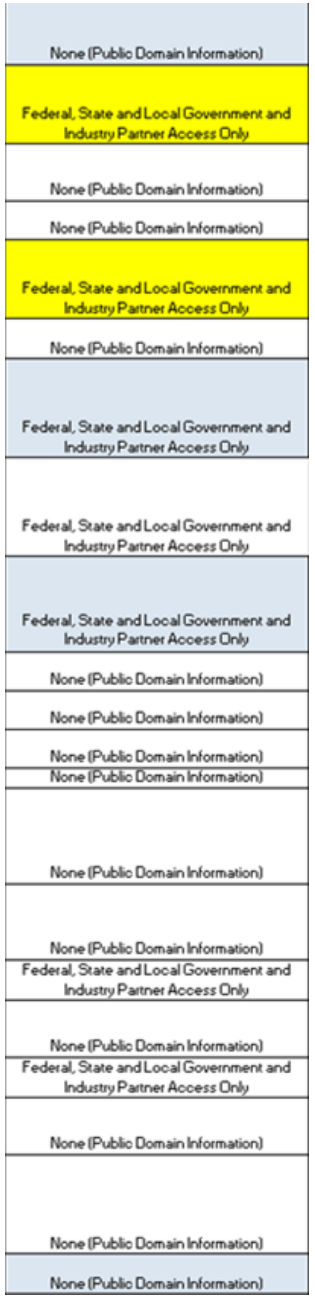


HSIP Data Use Options (It's Complicated)

- **For Federal users: No limitations on use within gov't**

- **Data use limitations for State and Local government**
  - **No restrictions**: HSIP Freedom layers in public domain
  - **For government use only**: Cannot be distributed to the public
  - **For Federal government use**: Commercial layers
    - **However:** State and Local use allowed for disaster related work for a Presidentially Declared Disaster
  - **Viewability**: HSIP Gold is **viewable** to all government workers with a HLS, LE, PS or IP mission

- **How Data can be utilized by State and Local personnel**
  - Stand alone on your PC
  - Copied and shared with mission partners in your jurisdiction
  - ***Placed in part or whole on servers for government users***
    - ***All staff of State DOT or Local EOC for example***



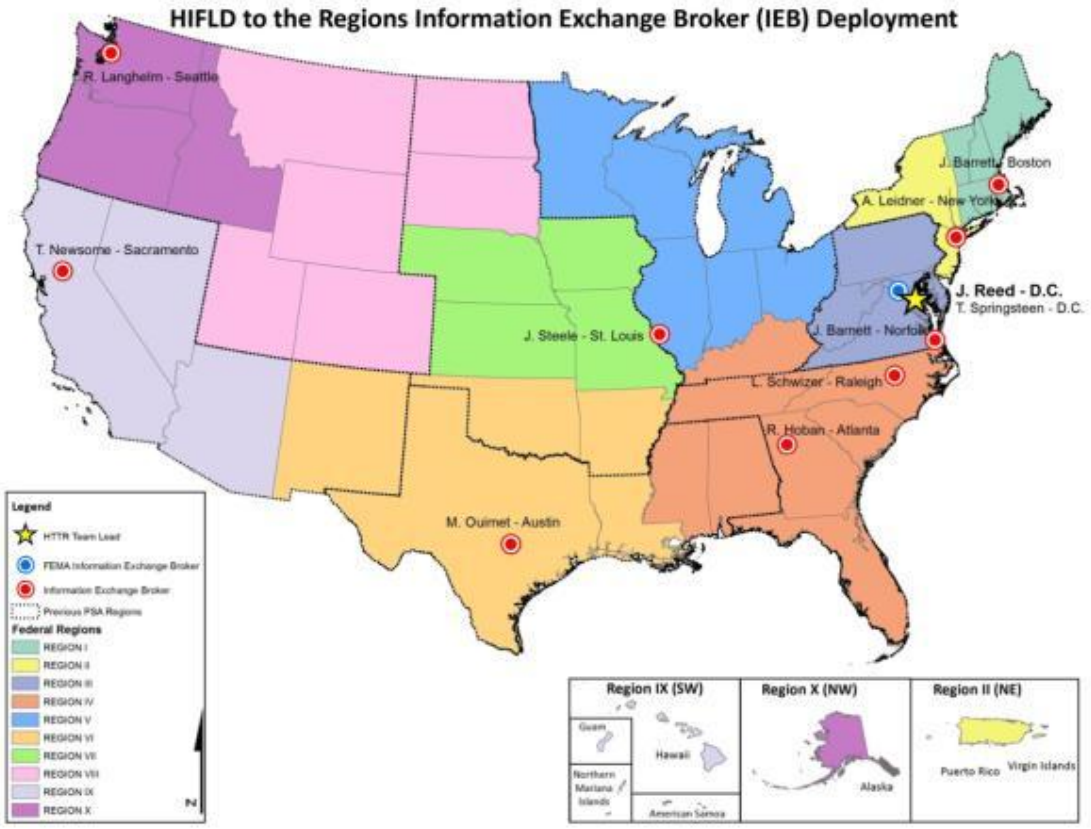
Data	What is it?	Who can access it?	How can I access it?	What do I need?
HSIP Gold 	A compilation of Common Operational Geospatially Enabled Base-Line Data to support to Homeland Security, Homeland Defense and National Preparedness – Prevention, Protection, Mitigation, Response and Recovery mission communities. Data is U//FOUO.	**Federal Government** Agencies.	Request DVD set on **HIFLD site** at https://www.hifldwg.org/hsip-overview. *Requests handled by NGA.* *Data is in vector format, organized in geodatabases.*	**HIFLD account.** http://www.hifldwg.org/ *(Government sponsor information is required for anyone who is not a federal, state or local government employee.)*
		State and Local Government Agencies **sponsored by FEMA** with a **Presidential Disaster or Emergency Declaration.**		**HIFLD account.** http://www.hifldwg.org/ **FEMA Sponsor** **Presidential Declaration #** http://www.fema.gov/news/disasters.fema
		All Federal, State, Local, Tribal and Territorial Government Agencies and **Private Sector Partners can view when served by a password protected Federal System**.	Access via Map Services on the **DHS Geospatial Information Infrastructure (GII)** at https://gii.dhs.gov/ *"GII Services" for WMS, REST, SOAP, API or KML.* *"DHS Earth" for Google Earth KML file.* *"OneView" for web-based analytic viewer.*	**HSIN account.** https://government.hsin.gov/default.aspx *(No specific Community of Interest (COI) required).* *(Government sponsor information is required for anyone who is not a federal, state or local government employee.)*
HSIP Freedom https://www.hsin.gov 	Subset of HSIP Gold data that is license-free and does not include the commodity data. Data is U//FOUO.	**Federal, State, Local, Tribal and Territorial** Government Agencies and **Private Sector Partners**.	Download from **HSIN GIS Portal - HSIP Freedom Site** (instructions online) *Requests handled by DHS.* *Data is in vector format, organized in geodatabases.*	**HSIN account** with membership to the **GIS Community of Interest (COI).** https://government.hsin.gov/sites/gis/RDC.aspx *(Government sponsor information is required for anyone who is not a federal, state or local government employee.)*
HSIP NAVTEQ State Release 	The HSIP-NAVTEQ data uplifted by NGA includes street data, points of interest data, and route analysis. Data is U//FOUO.	State **Fusion Centers**, State Emergency Operation Centers (**EOC**), State **GIS Coordinators**, and State **Emergency Management** Coordinators.	Request DVD set on **HIFLD site** at https://www.hifldwg.org/navteq *Data is in Smart Data Compression (SDC) format.*	**HIFLD account.** http://www.hifldwg.org/

HIFLD to the Regions (HTTR) Information Exchange Brokers (IEB)

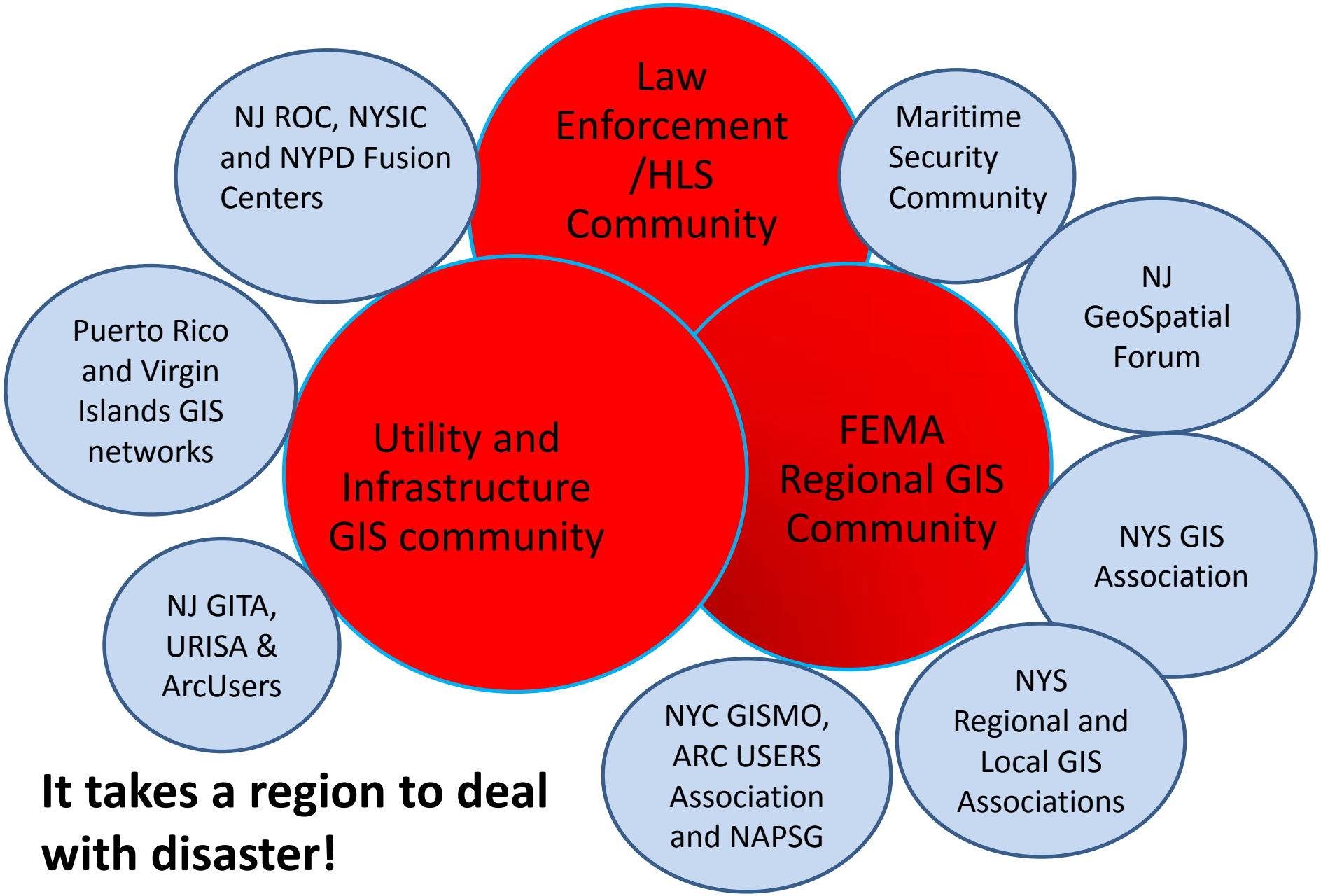
Purpose: Strengthen federal, state, local government and private sector partnerships to enhance regional preparedness and response

Roles and Responsibilities:

- Share best practices and lessons learned
- Support special events like Superbowls and Presidential Inaugurals
- **Help distribute HSIP Gold and Freedom databases**



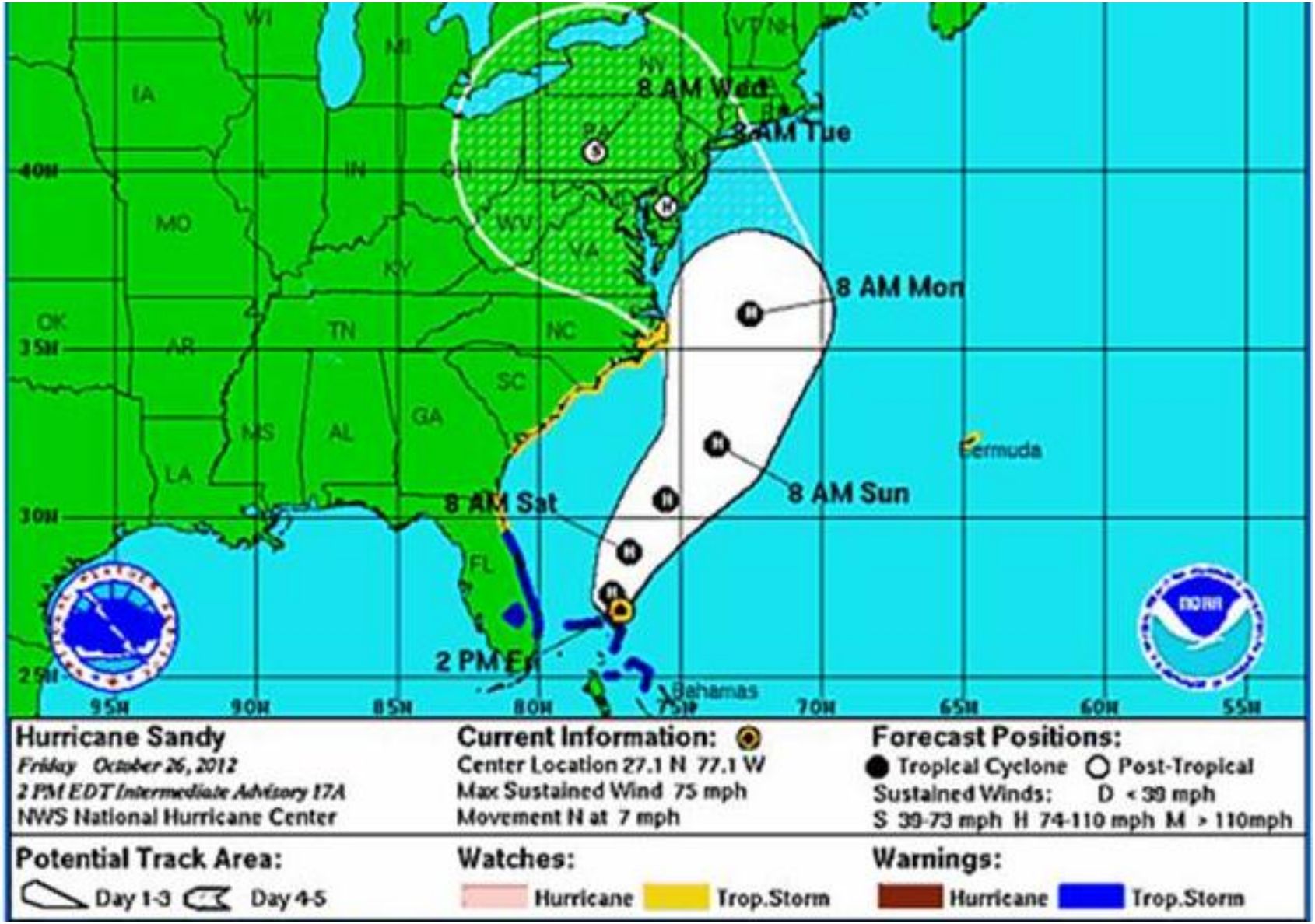
Regional GIS Networking Structure



It takes a region to deal with disaster!

Superstorm Sandy

The Importance of GIS Networking



Hurricane Sandy GIS Working Group: FEMA & HIFLD

GIS is the info, intel and analysis backbone of any disaster response

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Winters, Frank	NYS DHSES GIS	fwinters@dhses.ny.gov	518-242-5036	NYC Office DHSES	Kendrick Faison, Julia O'Brien
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Faison, Kendrick	FEMA GIUL, Nat'l IMAT - Blue	kendrick.faison@dhs.gov	202-304-7272		
Soucie, Eric	FEMA in NJ ROIC Parking Lot	eric.soucie@fema.dhs.gov	202-604-1087		
Hughes, Cody	FEMA Suffolk GIS POC	cody.hughes@fema.dhs.gov	425-420-6195		
Colwell, Jonathan	FEMA Nassau GIS POC	jonathan.colwell@dhs.gov	518-337-4094	760-265-2431	

HIFLD Website

Find Out Details About HSIP Freedom

HIFLD
Homeland Infrastructure Foundation-Level Data Working Group

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Alan Leidner

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Homeland Security Infrastructure Program (HSIP) Freedom

HSIP Freedom is a functional program which promises to provide more useful critical infrastructure data to a far greater number of Hom nd customers and in a timelier fashion than ever before. Thanks to the cooperation of various agencies at all levels of government the H ee direction has become a significant information sharing program that will continue to expand and grow into the future.

HSIP Freedom Access Information

1. Visit the HSIN Geospatial Information Systems (GIS) Portal*
   (See HSIN Credential Request directions located at bottom of this page)

   *Access to HSIP Freedom is updated once a week on Monday. If you have just received access to the HSIN Geospatial Information Systems (GIS) COI, please return the following Monday to download HSIP Freedom.

2. Click on the "HSIP Freedom Data" Link on the bottom right portion of the omepage under the "Links" Section.
3. Username: HSIN Email Address (lowercase), Password: Last name (lowercase)

Questions on HSIP Freedom can be e-mailed to the DHS Office of Infrastructure Protection (IP) Infrastructure Information Collection Division (IICD) at HSIPFreedomHelp@hq.dhs.gov.

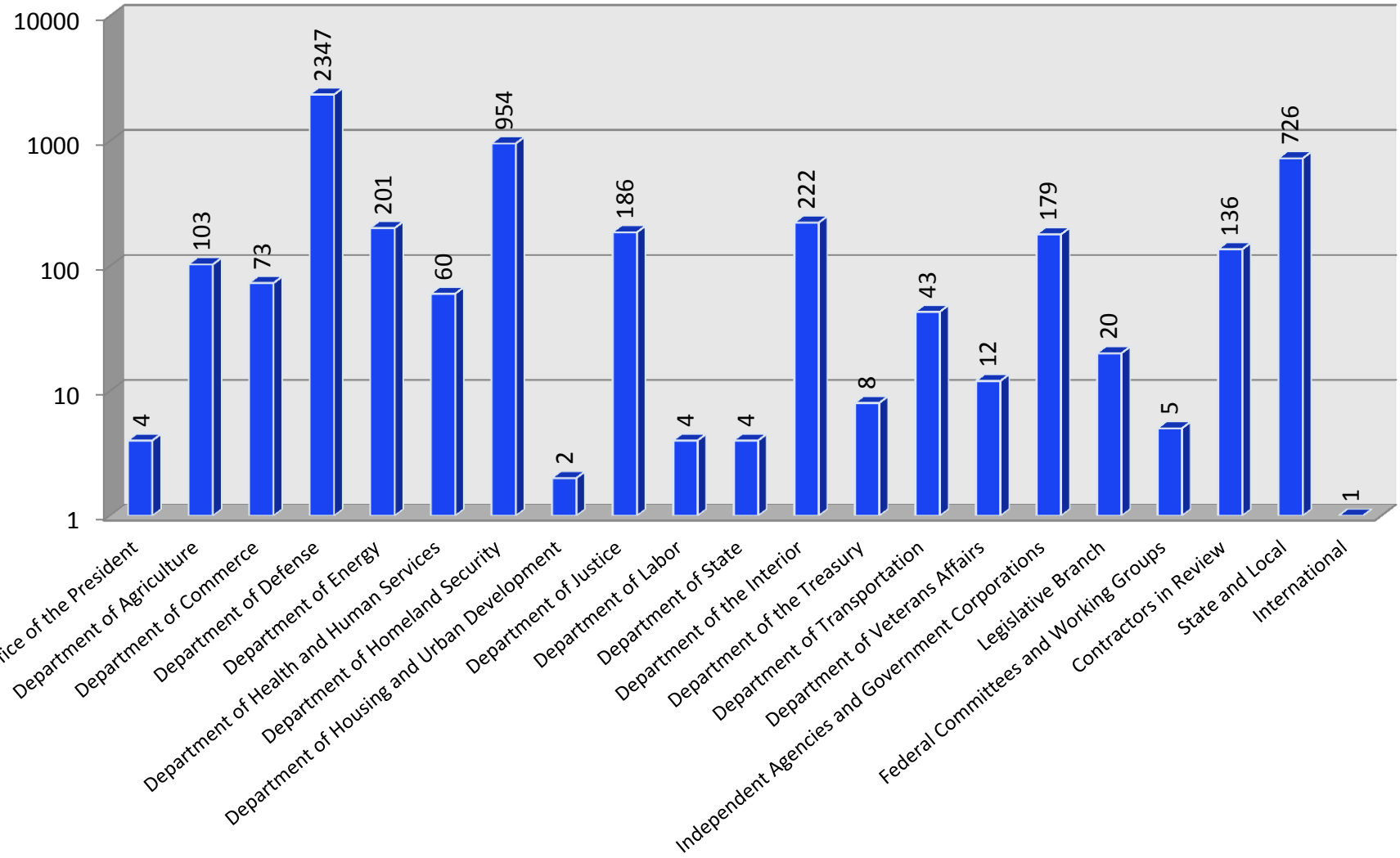
Supporting Documentatio

- HSIP Freedom 2012 Data List
- HSIP Freedom 2012 Read Me Document
- HSIP Freedom 2012 FAQ
- HSIP Freedom 2012 Release Notes

HSIP Overview Video

About 5290 HIFLD WG Participants

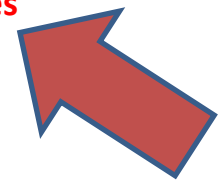
>500,000 Users Access HSIP Data



HIFLD Completed Sessions

Focused on National and Defense Critical Infrastructure Sectors:

Jul 04:	Transportation
Sep 04:	ISR and Threat
Nov 04:	Public Works / Energy
Feb 05:	Health Affairs / Emergency Services
Apr 05:	Telecom / Global Info Grid (GIG)
Jun 05:	Defense Industrial Base
Aug 05:	Chemical Industry & HAZMAT / Water
Oct 05:	Postal & Shipping / Defense Logistics
Feb 06:	HSIP Gold V1 Data Feedback Session
Feb 06:	Banking & Finance / Food & Agriculture
Apr 06:	National Lab Geospatial HD/HLS Projects
Jun 06:	Emergency Operations Centers
Oct 06:	Intel / Threat Monitoring and Reporting
Jan 07:	Government and Commercial Facilities
Apr 07:	Energy and Defense Public Works
Jun 07:	Man Made and Natural Hazards Modeling
Aug 07:	HSIP Gold V2, DHS HLS Data Model
Nov 07:	HSIP Gold Data V2 Feedback Session
Jan 08:	Sharing and Protecting Infrastructure Information
Mar 08:	Health / Pandemic Influenza and EAs
Jun 08:	Chemical / Noble Resolve 2008
Oct 08:	Interdependency Modeling and Analysis
Jan 09:	HSIP 2008 Feedback / Cross Border Infrastructure
Mar 09:	"Tools, Models, Viewers"
Jul 09:	Transportation
Sep 09:	H1N1 Geospatial Sharing
Jan 10:	Emergency Management
May 10:	Energy
Jul 10:	HSIP Gold 2010 Feedback
Nov 10:	Telecom / Global Info Grid (GIG)
Feb 11:	Defense Industrial Base / Critical Manufacturing
Apr 11:	Nuclear / CBRNE Response
Jul 11:	HSIP Gold 2011 Feedback / Symbology
Sep 11:	Remote Sensing, Imagery and Enhanced Elevation for the Nation
Jan 12:	Cross Border Information Sharing and Supply Chain
Apr 12:	Flooding and Hurricane Response
Jul 12:	HSIP Gold 2012 Feedback Live Feeds
Oct 12:	Cyber security and Energy Resilience
Jan 13:	**Wildfires**



Homeland Infrastructure Foundation Level Data (HIFLD) Working Group

Current Ongoing HIFLD Meeting

Homeland Infrastructure Foundation-Level Data (HIFLD)

Working Group DRAFT Agenda

January 2013– Santa Fe, NM

Wildfire Response & Formalizing Data Partnerships: API & SLAs

Wednesday, 23 Jan 2013		Thursday, 24 Jan 2013	
0830-0930	Welcome and Administrative Remarks Mr. Pablo Garcia, Sandia National Labs, Resilient Information Systems Deputy Director Introductions	0800-0830	Day Two: Welcome and Administrative Remarks
0930-1000	Keynote Address Mr. Jerry Johnston, DOI, Geospatial Information Officer	0830-0900	Service Level Agreement Panel Discussion Mr. Jerry Johnston, DOI, Geospatial Information Officer TBD, DHS GMO Mr. Tony Selle, EPA, Region 8 GIS Coordinator
1000-1020	Networking Break	0900-0930	USGS Hazards Data Distribution System (HDDS) Ms. Rynn Lamb, USGS/EROS, Disaster Response Coordinator
1020-1050	Fire Management Planning Ms. Marlena Hovorka, US Forest Service, Fire Technology Transfer Specialist	0930-1000	NASA Near-Real-Time Data and Imagery Mr. Jeffrey Schmaltz, NASA, MODIS Rapid Response Team
1050-1120	NIFC Enterprise Geospatial Portal Mr. Sean Triplett, USDA-FS National Interagency Fire Center, Project Manager	1000-1020	Networking Break
1120-1150	Local Wildfire Decision Support and Data Sharing for Realtime and Pre/Post Event Operations Chief Vaughan Miller, Ventura County Fire Department, Chief (V) Mr. Brian Collins, Intterra, Operations Chief	1020-1050	NGAs "Rapid Response Ortho Program" Support to Wildfires Mr. Todd Kuhlman, NGA, User Engagement Division
1150-1250	Lunch	1050-1150	Cadastral Data Panel TBD, DOI BLM Mr. Larry Brotman, New Mexico Cadastral Coordinator TBD, FEMA
1250-1400	All Hazards Data Requirements Panel Ms. Lorri Peltz-Lewis, US Forest Service, Fire and Aviation Management (FAM), GIS Coordinator Mr. Gar Clarke, NM Department of Information Technology, NM Geospatial Program Manager Ms. Marie Martinez, DHS FEMA U.S. Fire Administration, Fire Program Specialist GIS (V)	1150-1250	Lunch
1400-1420	Networking Break	1250-1320	Fire Management Assistance Grant Mr. Allen Wineland, FEMA, FMAG Program Analyst

DHS GeoSpatial Management Office

Download from HIFLD Website:

https://www.hifldwg.org/HLS-Geospatial-Concept-of-Operations-GeoCONOPS-Version-4

Go To https://www.hifldwg.org and join

HIFLD
Homeland Infrastructure Foundation-Level Data Working Group

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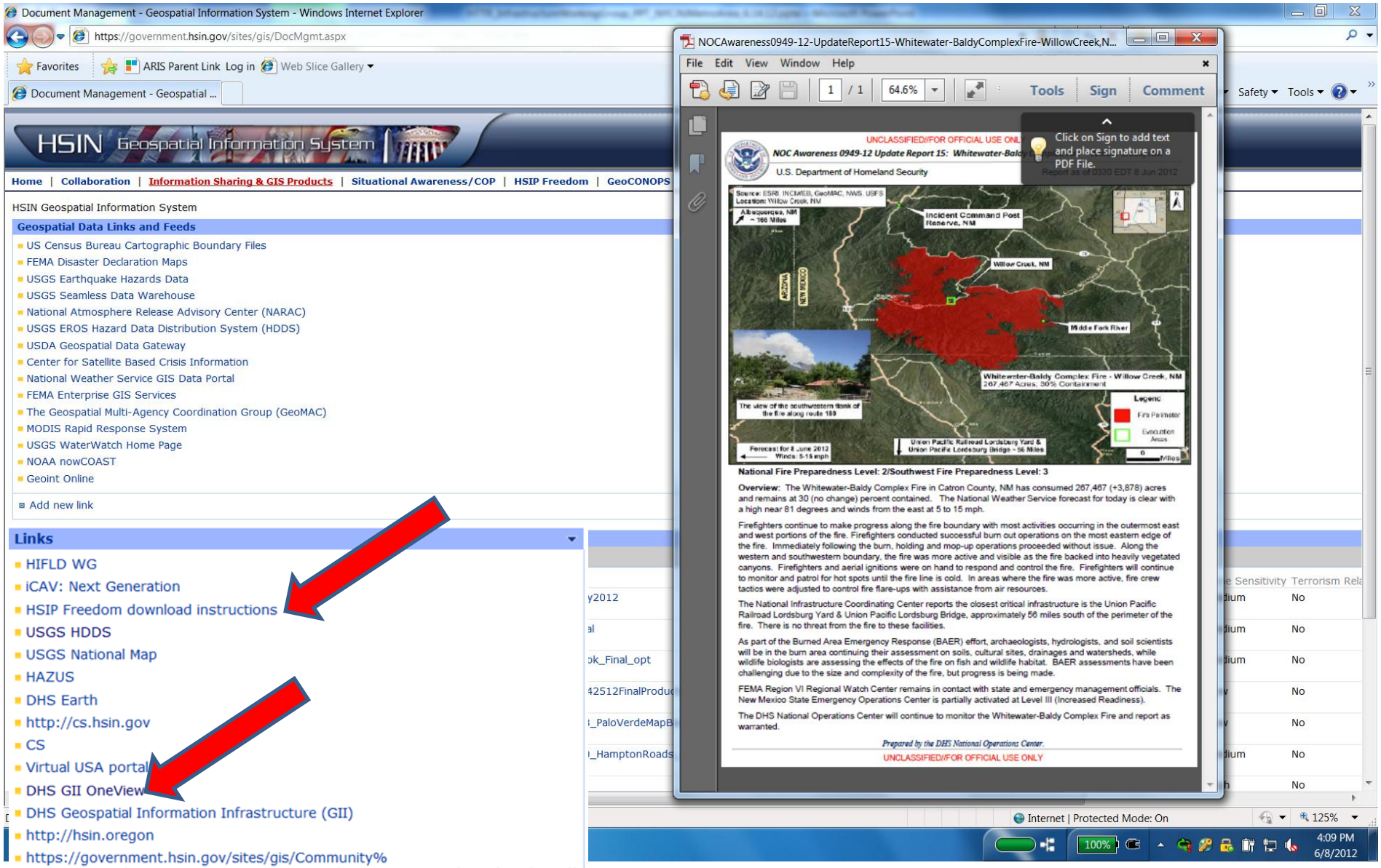
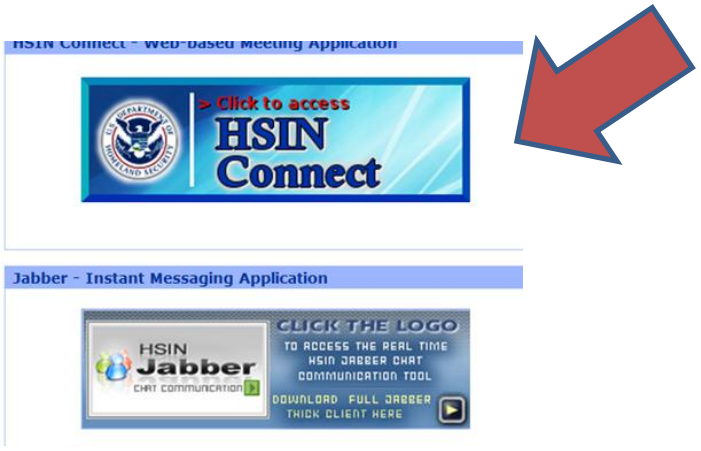
The Homeland Infrastructure Foundation-Level Data (HIFLD) Working Group

The Homeland Infrastructure Foundation-Level Data (HIFLD) Working Group was established in February 2002 to address desired improvements in collection, processing, sharing, and protection of homeland infrastructure geospatial information across multiple levels of government and to develop a common foundation of homeland infrastructure data to be used for visualization and analysis on all classification domains. Maintaining this original purpose, the HIFLD Working Group has attracted a voluntary coalition of Federal, state, and local government organizations and supporting private industry partners who are involved with geospatial issues related to Homeland Defense (HD), Homeland Security (HLS), Emergency Preparedness and Response (EP&R), or Civil Support (CS). Within these broad mission areas, the HIFLD members and non-federal contributors are involved in a wide range of different functions including: Critical Infrastructure Protection (CIP), Crisis and Consequence Management, Intelligence and Threat Analysis, Antiterrorism/Force Protection (AT/FP), Defense Support to Civil Authorities (DSCA), Man-Made and Natural Hazard Modeling, and Government Facilities Management

Homeland Security Info Network (HSIN): GIS Portal



Homeland Security Information Network (HSIN): Emergency Management Portal



Request an Application to join HSIN by emailing HSIN.Outreach@hq.dhs.gov

- Joining HSIN http://www.dhs.gov/files/programs/gc_1156888108137.shtm
- Membership in HSIN is COI-based. To become a member, first decide which COI(s) meet your needs. If you need additional information, please contact the Mission Advocate listed as the POC for a particular COI(s), or e-mail the HSIN program at HSIN.Outreach@HQ.DHS.gov. (Suggested COIs: **GIS, Emergency Management**)
- Once you have identified the COI of interest to you, you will need to be nominated and vetted into the COIs. This process will require that you provide the following information on the HSIN membership application:
    - Name
    - A valid e-mail address
    - Department/Organization
    - Supervisor
    - Valid Contact Information
- Obtain an application by sending a request to **HSIN.Outreach@hq.dhs.gov**. Once nominated, the COI Validating Authority will review your membership application and approve or deny your admission to the COI. If the application is approved, an email will be sent to you with instructions on how to log onto HSIN for the first time.

My Promise

- I will work with you to get the best HSIP data possible (Gold, Navteq, Freedom)
- I will work with you to become a HIFLD member and access the HIFLD website
- I will work with you to join HSIN, download HSIP Freedom, access OneView and access HSIN Connect

Need help getting resources?

Don’t worry if you missed something!

Just Make The Connection!

Alan Leidner

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