



When Disaster Strikes: Preparedness and Response

NCDA 48th Annual Conference
June 16, 2017



ABOUT IBTS

The Institute for Building Technology and Safety is a 501(c)(3) nonprofit organization established to provide unbiased professional services, while enhancing the communities in which we work.



public sector
accountability

private sector
flexibility





RELEVANT FEDERAL DISASTER-RELATED PROGRAMS



THE STAFFORD ACT

- ▶ **The Stafford Act of 1988: P.L. 93 – 288**
 - Statutory authority for most federal disaster response and recovery activities, especially as they pertain to FEMA and FEMA programs.
 - Authorizes the President to issue major disaster, emergency, and fire management declarations at the request of the states, enabling federal agencies to provide assistance to states overwhelmed by disasters.
- ▶ *In response to the to the evolving demands for federal disaster assistance, Congress has passed legislation to amend the Stafford Act to improve the role of the federal government in disaster assistance.*



SINCE THE STAFFORD ACT

- **1992 – Creation of the Federal Response Plan (FRP)**
- **Flood Insurance Reform Act of 1994**
P.L. 103 – 325
- **Disaster Mitigation Act of 2000**
P.L. 106 – 390
- **Post-Katrina Emergency Management Reform Act of 2006**
P.L. 109 – 295
- **Pets Evacuation and Transportation Standards Act of 2006**
- **2008 – National Response Framework established**
- **Sandy Recovery and Improvement Act of 2013**
P.L. 113 – 2



HUD'S DISASTER-RELATED PROGRAM:CDBG-DR

- ▶ ***Disaster Recovery Assistance Program (CDBG-DR)***: Provides flexible grants to help cities, counties, and states recover from Presidentially-declared disasters, especially in low-income areas, to rebuild affected areas and bring necessary seed money to stimulate the recovery process and supplement existing federal recovery programs.
- ▶ *Note: Primary statutory authority permitting HUD and other federal agencies to assist state and local governments with their response and recovery responsibilities following major disasters and emergencies are subject to the requirements of the Stafford Act as well.*



CDBG-DR

► *Disaster Recovery Assistance Program (CDBG-DR):*

- Since CDBG Disaster Recovery (CDBG-DR) assistance may fund a broad range of recovery activities, HUD can help communities and neighborhoods that otherwise might not recover due to limited resources.
- Disaster Recovery grants often supplement disaster programs of the Federal Emergency Management Agency, the Small Business Administration, and the U.S. Army Corps of Engineers. In addition, HOME Disaster Recovery grants can provide an important resource for providing affordable housing to disaster victims.

FOR MORE INFORMATION ON CDBG-DR:

<https://www.hudexchange.info/programs/cdbg-dr/>

GREAT HUD PRESENTATION ON CDBG-DR

[CDBG Disaster Recovery Overview](#)



HUD CPD NOTICE 17-06

▶ PURPOSE

- HUD is encouraging CPD formula grantees to undertake comprehensive pre-disaster planning and use their grant funds for both immediate disaster response and long term recovery.

▶ PRE- DISASTER PLANNING

- Effective pre-disaster planning allows a grantee to easily access its grant funding following a disaster. Accordingly, grantees are encouraged to prepare for future events by reviewing and updating their citizen participation plans, addressing the possibility of a disaster in their consolidated plans and annual action plans, and proactively managing their compliance with CDBG's low and moderate income benefit requirement.





THE COSTS OF NATURAL DISASTERS



IN THE PAST 20 YEARS...

- ▶ **Natural Disasters have:**
 - > **Claimed 1.3 Million lives**
 - > **Affected 4.4 Billion people**
 - > **Caused \$2 Trillion in economic losses**



EFFECTS OF NATURAL DISASTERS

- Millions Impacted in the U.S. just in the past 12 months.
- Losses were greater than \$3 billion in Louisiana alone in 2016.



NEEDS ARE HUGE

▶ 2016

- > Louisiana requested more \$3.4 billion and is requesting more.
- > Texas has received over \$200 million, North Carolina has received over \$200 million.
- > There are needs in:
 - California
 - Multiple Mississippi River Valley states
 - Florida, Georgia, South Carolina

▶ More almost daily...

- > The Mississippi is flooding
- > Many are being impacted by snow melt in the Rockies



A large green diamond shape with a white outline, pointing downwards, located at the top center of the slide.

WHY RESILIENCE MATTERS





RESILIENCE VS RECOVERY

	Resilience	Recovery
Definition	Designing capabilities such that they can endure stresses.	Plans and resources for restoring capabilities when they are interrupted.
Example	Earthquake resistant construction	Earthquake response teams

ADVANTAGES OF INTEGRATING RESILIENCE FRAMEWORK IN THE RECOVERY PROCESS

Increases a sustained focus on resilience

Facilitates the incorporation of resilience methods in design and implementation

Increases development gains as well as resilience gains



Advantages of Investing in Preparing for Disasters, Resilience and Recovery

When disaster hits:

- Saves lives
- Reduces damages to Infrastructure and all other physical assets
- Reduces losses to Economic Flows

Being Prepared

- Assists first responders and elected/appointed officials
- Can speed recovery by up to six months
- Reassures community and businesses

A large green graphic at the top of the page, consisting of a central diamond shape with a white outline, flanked by two trapezoidal shapes that together form a larger diamond shape.

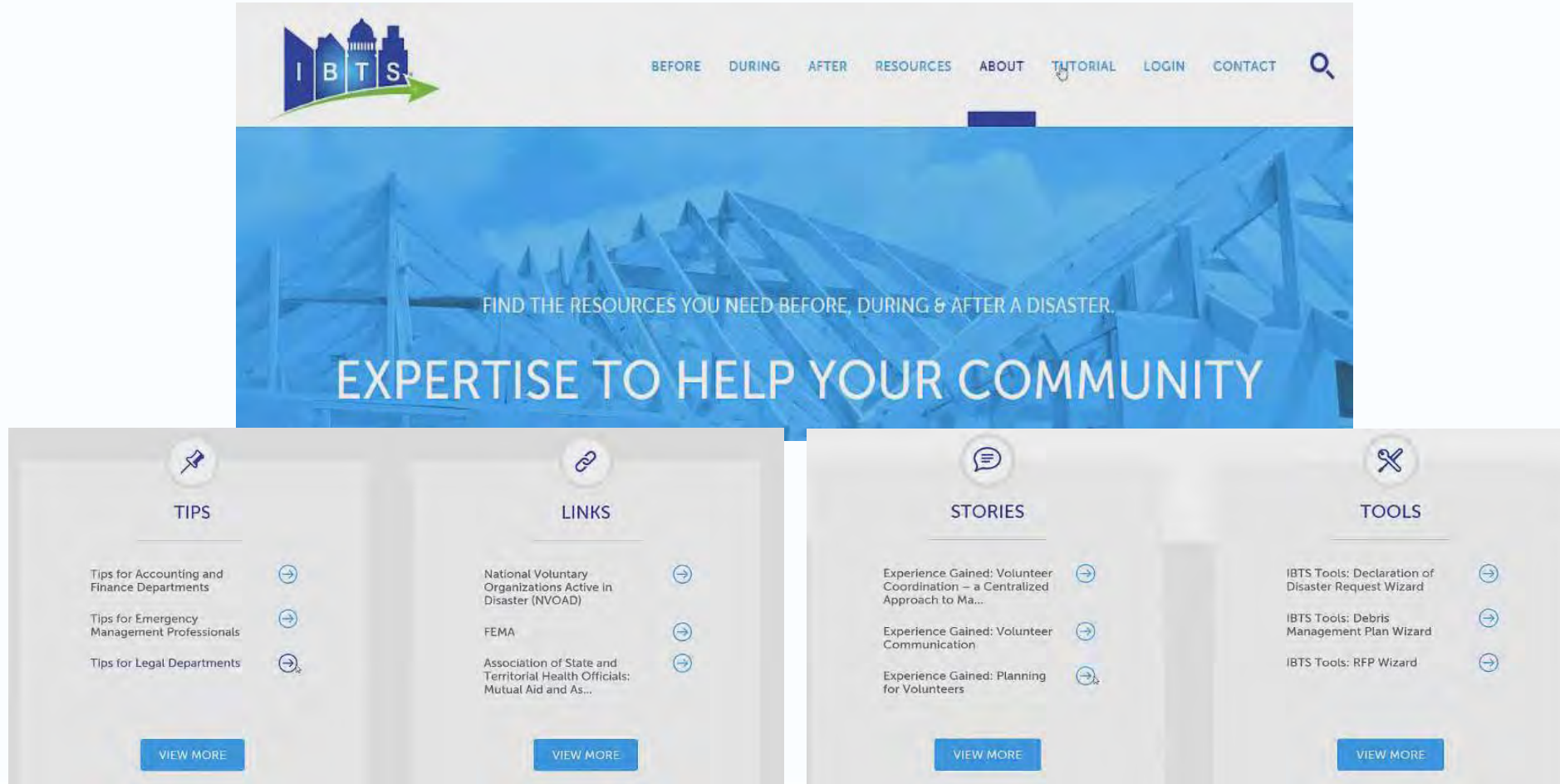
IBTS ONHAND.ORG

Online Tool for Disaster Planning and Recovery



ONHAND WEBSITE

- ▶ Beta-test version functional & available to share.
- ▶ Content development & prioritization underway.



CUSTOMIZABLE CONTENT



- DEMOGRAPHIC
- ANY
- COMMUNITY SIZE
- DISABLED
- EXTREME LOW INCOME
- HOMELESS
- LARGE FAMILIES
- LOW INCOME
- MENTALLY ILL
- MIDDLE INCOME
- MODERATE INCOME
- OTHER
- POPULATION DENSITY
- RURAL
- SENIORS
- SUBURBAN
- URBAN



CUSTOMIZE YOUR CONTENT

Customized, actionable content at your fingertips.
Find information by peril, stakeholder group, location and more.

PHASE > PERIL > ROLE > LOCATION >

DEMOGRAPHIC >

- PHASE
- ANY
- BEFORE A DISASTER
- DURING A DISASTER
- AFTER A DISASTER

- PERIL
- ANY
- EARTHQUAKE
- FLOOD
- HAIL
- HURRICANE
- OTHER
- TORNADO
- WILDFIRE
- WIND

APPLY

- LOCATION
- ANY
- ALABAMA
- ALASKA
- ARIZONA
- ARKANSAS
- GUAM
- PUERTO RICO
- WASHINGTON, D.C.

- ROLE
- ANY
- ACADEMIA
- ACCOUNTING/FINANCE
- ADMINISTRATIVE SERVICES
- BUILDING AND SAFETY
- BUILDING DEPARTMENT
- CITY MANAGER
- COUNTY ADMINISTRATOR
- DESIGN AND CONSTRUCTION
- ECONOMIC DEVELOPMENT
- EMERGENCY MANAGEMENT
- EMERGENCY SERVICES
- FEDERAL AGENCY
- INSURANCE
- LEGAL
- LOCAL AGENCY
- MEDIA
- NGO
- PLANNING AND ZONING
- PROFESSIONAL ASSOCIATION
- PUBLIC INFORMATION OFFICER
- PUBLIC SAFETY
- RESEARCH ORGANIZATION



NCDA ACCESS

Go to <https://ibtsonhand.org/>

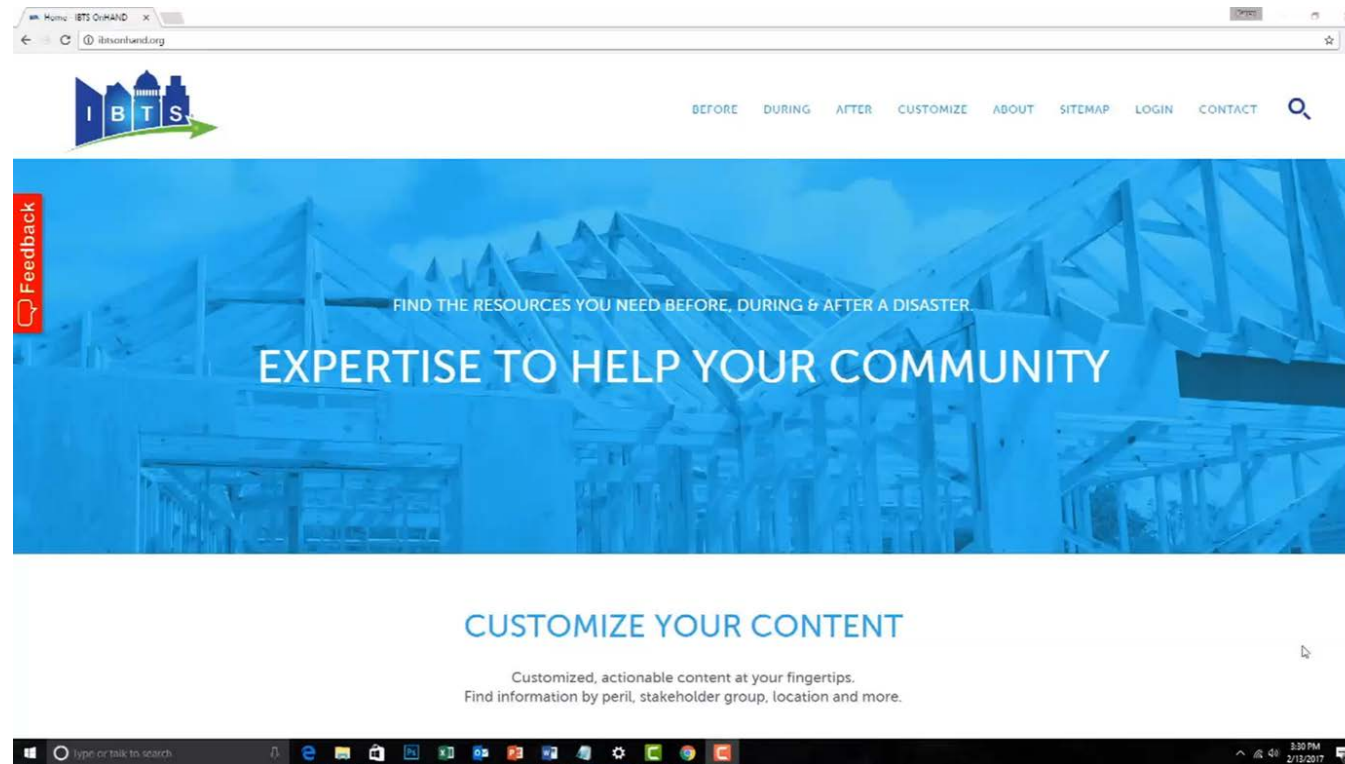
Enter username and password:

Username: **NCDA**

Password: NCDA1



ONLINE EXPERTISE TO HELP YOUR COMMUNITY: ONHAND



Please view our tutorial video at
<https://ibtsonhand.org/help/ibts-onhand-tutorial-video/>
We welcome your feedback!



Questions?



A large green diamond shape composed of four smaller green diamonds meeting at their corners, with a white border.

THANK YOU FOR YOUR TIME!

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