Agenda

• Introduction
• Overview of the NISC
• Emergency Services Sector (ESS) Resources and Tools for Emergency First Responders
• Q&A
• Quiz for those seeking Continuing Education Units (CEUs)
Today’s Speakers

- Sean McSpaden, NISC Executive Director
- Greg Gibson, Security Specialist, DHS ESS
Continuing Education Units (CEUs)

- CEUs will be awarded to participants that watch the webinar and complete the quiz following the webinar.
- 0.1 CEUs for this hour-long event.
Learning Objectives

• Understand the mission of the DHS Emergency Services Sector (ESS).

• Become familiar with the tools the DHS ESS provides emergency first responders and how they can be leveraged by your agency.

• Discover where to access DHS ESS tools and resources.
NISC Mission-Focused Job Aids Webinar Series

• In-depth discussion of tools, techniques, and standard operating procedures used for information sharing

• Webinar content applicable to multiple fields, including:
  • Homeland security
  • Emergency management,
  • Public safety
  • First responder, and
  • Healthcare preparedness
NISC Mission-Focused Job Aids Webinar Series

- Information Sharing Tools Used During the New Orleans Flood Resilience Experiment – **April 26**
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- Virtual Business Emergency Operations Center (VBEOC)
The NISC is a non-profit organization devoted to improving information sharing at all levels of government and for all homeland security, emergency management, first responder, healthcare, and public safety stakeholders.
NISC Members Span Multiple Domains & Disciplines

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Member Benefits & Application

- Guidance and technical assistance
- Knowledge exchange and networking opportunities
- Access to the NISC Member Portal


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The Office of Infrastructure Protection

National Protection and Programs Directorate
Department of Homeland Security

Emergency Services Sector Presents Tools and Resources for Emergency First Responders

June 1, 2017
Emergency Services Sector (ESS) is composed of **five distinct disciplines** and eleven specialized capabilities encompassing a wide range of emergency response functions and roles with a singular focus on providing what makes the ESS critical **“The Service Call”**

Sector includes **more than 3.3 million** career and volunteer professionals across 5 primary disciplines:
- Law Enforcement
- Fire and Rescue Services
- Emergency Medical Services
- Public Works
- Emergency Management

The sector also includes private and contract ESS personnel:
- Industrial fire departments
- Private security officers
- Private EMS providers
Law Enforcement

860,950 state and local LE officers

787,470 full-time sworn officers

44,000 part-time sworn officers

29,480 unpaid reserve or auxiliary officers

48% of all LE agencies employ fewer than 10 full-time officers

5% of all LE agencies employ 100 or more full-time officers

U.S. LE Categories

Federal LE Agencies
73 different agencies, e.g., U.S. Customs and Border Protection, Federal Bureau of Investigation, Federal Bureau of Prisons, Bureau of Alcohol, Tobacco, and Firearms, etc.

SLTT LE Agencies
Local police departments, sheriffs’ offices, primary state LE agencies, special jurisdiction agencies, and other agencies

Private-Sector Security Companies and Other Protective Service Professionals
Private-sector security guards, transit and rail police, etc.

17,759 state and local LE agencies

638 Other Agencies (primarily county constable offices in Texas)

1,733 Special Jurisdiction Agencies (e.g., universities, public schools, transportation facilities, state criminal investigation units)

12,326 Local Police Departments (tribal police are classified as local police in Bureau of Justice statistics data collections)

3,012 Sheriff’s Offices

Primary State Agencies (e.g., state police agency, highway patrol agency, or department of public safety)
Fire & Rescue

27,198 fire departments registered with the United States Fire Administration (USFA) (91% of all U.S. fire departments)

1,066,300 career, volunteer, and paid per call firefighters

151,000 civilian staff and non-firefighting personnel

21% % of registered fire departments by region

50,700 fire stations

69% of all departments have one fire station

14% have three or more stations

71% of registered fire departments are fully staffed by volunteers

56% of all firefighters are volunteers
Emergency Medical Services

- 826,000 EMS Professionals
  - 49,560 Emergency Medical Responders
  - 49,560 Advanced Emergency Medical Technicians
  - 198,240 Paramedics

- 528,640 Emergency Medical Technicians
- 21,280 EMS Agencies
- 81,290 EMS Vehicles
- 826,000 EMS Professionals
- 28 million Times EMS annually transports someone
- 37 million Annual EMS calls for service

Adapted from 2011 National EMS Assessment
Public Works

641,870 employees in the Public Works profession

Unique Function of Public Works in Emergencies

- Flood control
- Restoration of utility services and communication facilities
- Community Protective and Lifeline Facilities
  - Communication Facilities (telephone, cable television)
  - Drainage and Flood Control Systems
  - Public Facilities (courthouses, town halls)
  - Utility Systems (water, sewer, electric, gas)
  - Transportation (streets, highways, bridges, airports, terminals, harbors)
- Emergency traffic operations
- Repair damage to roads, bridges, tunnels
- Debris clearance, removal, disposal
Emergency Management

9,840
U.S. Emergency Management Directors

5,150 → Local Government
1,180 → State Government
790 → General Medical & Surgical Hospitals
350 → Colleges, Universities, & Professional Schools
320 → Electric Power Generation, Transmission, & Distribution
Specialized Capabilities

The sector’s members also provide specialized emergency services through individual personnel and teams. These specialized capabilities may be found in one or more various disciplines, depending on the jurisdiction:

- Tactical Teams
- Hazardous Devices Team/
  Public Safety Bomb Disposal
- Public Safety Dive Teams/
  Maritime Units
- Canine Units
- Aviation Units
- Hazardous Materials
- Search and Rescue
- Public Safety Answering Points
- Fusion Centers
- National Guard Civil Support
- Private Security
Emergency Services Sector risk is viewed in several optics, these include Notable Trends and Emerging Issues, Significant Sector Risks as well as Cross-Sector Interdependency Risks.
Notable Trends and Emerging Issues

Key changes in policy, resources, threat types, and public expectations have affected the sector’s risk profile. The following eight trends and issues are key to sector partners as they adapt security and resilience efforts to evolving risks:

- Increasing public expectations for ESS expertise, rapid response capabilities, and real-time information sharing
- Reduced grant funding constraining State and local resources
- Extreme weather events
- Greater dependence on cyber infrastructure
- Changing population dynamics
- Attacks targeting or compromising ESS personnel
- Aging infrastructure
- Loss of workforce expertise
Significant ESS Risks

Given the critical mission of the ESS, risks to its operations and functions could prove disastrous to the safety and morale of the public, the protection of other critical infrastructure sectors, and the safety of its own disciplines. Below are four of the most significant sector threat vectors and their associated risks.

- Chemical, Biological, Radiological, and Nuclear Incidents
- Natural Disasters and Extreme Weather (Earthquakes, Hurricanes, Fires, and Floods)
- Cyber Infrastructure Attacks or Disruptions
- Violent Extremist and Terrorist Attacks
Cross-Sector Interdependency Risks

A degradation of ESS response capability would negatively affect a wide range of organizations and communities the other 15 critical infrastructure sectors, Federal departments and agencies, SLTT governments, the private sector across industries and public safety, security, and morale.

- Energy
- Transportation
- Communications
- Water
- Healthcare
- Information technology
The ESS operates under the NIPP partnership structure, which employs public and private sector councils.

The focus is to support efforts which address partnership’s vision.

“An Emergency Services Sector in which personnel and operational capabilities are prepared for and resilient to inherent and unforeseen risks; ensuring timely, coordinated all-hazards emergency response and public confidence in the sector.”
The **Government Coordinating Council (GCC)** consists of members whose departments and agencies are integral to the sector and responsible for coordinating critical infrastructure strategies and activities, policy, and communication within their organizations, across government, and between governments and sector members.

- DHS Office of Infrastructure Protection
- DHS Office of Cyber and Infrastructure Analysis
- DHS Office of Cybersecurity and Communications
- DHS Science and Technology Directorate
- DHS Office of Health Affairs
- DHS Office for State and Local Law Enforcement
- Federal Protective Service
- Federal Emergency Management Agency
- Federal Bureau of Investigation
- National Highway Traffic Safety Administration
- State, Local, Tribal, and Territorial Government Coordinating Council
SCC Membership

The **Sector Coordinating Council (SCC)** is a self-organized, self-led body of ESS members who collaborate with the SSA, GCC, and Emergency Management and Response—Information Sharing and Analysis Center to address the entire range of infrastructure issues and activities.

- American Ambulance Association
- American Public Works Association
- Central Station Alarm Association
- Electronic Security Association
- Emergency Management Association of Texas
- Emergency Preparedness Resource Group
- International Association of Chiefs of Police
- International Association of Emergency Managers
- International Association of Fire Chiefs
- National Association of Security Companies
- National Association of State EMS Officials
- National Emergency Management Association
- National Fire Protection Association
- National Native American Law Enforcement Association
- National Sheriffs’ Association
- Securitas Security Services
- Security Industry Association
Sector Partnership Goals and Priorities

- **Partnership Engagement:** Continuous growth and improvement of sector partnerships to effectively sustain collaborative dialogues to address risk mitigation and resilience efforts

- **Situational Awareness:** Support an information-sharing environment that ensures the availability and flow of accurate, timely, and relevant sector information, intelligence, and incident reporting

- **Prevention, Preparedness, and Protection:** Employ a risk-based approach to improve the preparedness and resilience of the sector’s overall capacity to perform its mission through targeted decisions and initiatives

- **Recovery and Reconstitution:** Improve the operational capacity, sustainability, and resilience of the sector and increase the speed and efficiency of restoration of normal services and activity following an incident
Sector Specific Plan

- The Emergency Services Sector-Specific Plan (ES SSP) is designed to guide and integrate the sector’s voluntary, collaborative efforts to improve its security and resilience.

- **ESS Goals and Priorities** - Within the ES SSP, ESS partners developed a set of 18 concrete activities that the sector can collaboratively conduct to effectively implement its SSP and meaningfully contribute to the sector goals and priorities.
ES-SSA FY17 Priorities

- Work in partnership with the Sector Coordinating Council (SCC) and Government Coordinating Council (GCC) to address sector priorities identified in 2015 Sector-Specific Plan, to include:
  - Development and education of a Crisis Reentry and Access Standard Operating Procedure
  - Collaborate with sector partners and stakeholders to promote, inform, and improve cybersecurity awareness and knowledge about sector-specific threats
  - Development of ESS-specific resources based on stakeholder requirements for assessment of operational risks, capability gaps, and response capacity
Few States have post event access and re-entry programs

- Most crisis entry programs are “static” and “silo” in nature
- Fail to account that >85% of recovery assets come from outside jurisdiction
- Example: Hurricane Matthew affected states’ plans not interoperable

To address the lack of National level guidance

- FEMA developing Planning Considerations for Access and Re-entry
- ES-SSA, ES-GCC and ES-SCC developing CERRA Framework and Governance Model through a joint working group.
CERRA WG Effort & Focus

- Ongoing collaboration with FEMA on the future release of *Planning Considerations for Access & Reentry* guidance… (The “Should Consider”).
  - Ongoing / Anticipating release within FY17

- Development and release of a CERRA Framework which dovetails with FEMA guidance… (The “How” via recommended Best practices ).
  - Final Draft by 3rd qtr. with final doc/concurrence within FY17

- Development and implementation of a Governance Model to assist with support/guidance for nationwide interoperability.
  - Notional completion and establishment FY18

- Future vision of CERRA clearinghouse and technical/operational platform to support state and local Emergency Manager and Law Enforcement Agency CERRA implementation use.
  - FY18-19 funding TBD
ESS Cybersecurity Initiative

Intended to assist ESS organizations improve the security and resilience of their cyber assets, networks, and systems

- **ESS Cyber Risk Assessment (ESS CRA)** – First sector-wide assessment that analyzes strategic cyber risks to ESS infrastructure (2012)
  - ES-SSA conducting review/update in 2017

- **ESS Roadmap to Secure Voice and Data Systems** – Identifies and discusses proposed risk mitigation measures to address risks identified in the ESS CRA
  - ES-SSA will update following review of ESS CRA

- **National Initiative for Cybersecurity Careers and Studies** – Offers free online cybersecurity training to state, local, tribal, and territorial (SLTT) government employees [https://niccs.us-cert.gov](https://niccs.us-cert.gov)

- Additional tools and resources can be found at [https://www.dhs.gov/emergency-services-sector-cybersecurity-initiative](https://www.dhs.gov/emergency-services-sector-cybersecurity-initiative)
ESS Focused Resources

- **Resilience Development Project**
  - This effort is ongoing and provides sector stakeholders with regularly scheduled updates on current resources and training designed to improve the ESS community’s awareness and improve operational capacity.
  - Includes monthly resilience focused bulletins and bi-monthly webinars

- **Focused Awareness Products**
  - As threats are identified which affect the sector the ESS team collaborates to build awareness pages for distribution to sector partners. Some recent offerings are:
    - Emergency Response Vehicles and Equipment Security
    - Impersonation of First Responders

- **Emergency Services Sector Continuity Planning Suite** *(in development)*
  - “All-in-one” resource that will bring together existing guidance, processes, products, tools, and best practices which aid in risk identification, consequence management, and continuity of operations planning for the first responder community.
Information Sharing Environment and Resources

- **Homeland Security Information Network - Emergency Services Portal (HSIN-ES)** – Focal point for sharing Sensitive But Unclassified information; supports ES professionals by providing a secure and collaborative information sharing environment; Email ES Team [essteam@hq.dhs.gov](mailto:essteam@hq.dhs.gov) to request access
  - Current Situation Reports
  - Joint information Bulletins
  - Daily Open Source Infrastructure Reports

- **Emergency Management & Response - Information Sharing and Analysis Center (EMR-ISAC)** – Collects and shares CIP and emergent threat information with the ESS (e.g. monthly *InfoGram* and *CIP bulletins*) [https://www.usfa.fema.gov/operations/ops_cip_emr-isac.html](https://www.usfa.fema.gov/operations/ops_cip_emr-isac.html)

- **FirstResponder.gov Emergency Services Community of Practice (CoP)**

- Additional information on these activities can be found at [https://www.dhs.gov/emergency-services-sector-information-sharing-initiative](https://www.dhs.gov/emergency-services-sector-information-sharing-initiative)
Contacts

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Questions?

Use the question feature in GoToWebinar to submit questions.
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Quiz

• Following the webinar you will be prompted to complete a quiz

• Complete the quiz to receive your continuing education units (CEUs) for this session