NDRF IS-RSF TRAINING

Hibba Haber
2018 Interagency Flood Risk Management CoP Training: IS-RSF Field Coordinators
May 4, 2018

“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”
NDRF BACKGROUND AND STRUCTURE

2011 – FEMA releases the National Disaster Recovery Framework
- Companion document to National Response Framework (NRF)
- Promotes coordinated recovery for large-scale or catastrophic incidents
- Creates coordinating structure for recovery phase of Stafford Act & significant non-Stafford Act incidents
  - 6 Recovery Support Functions (RSFs).
  - Each RSF has one Federal coordinating agency with major help from other stakeholders.
Coordinating Agencies facilitate problem solving, improve access to resources and foster coordination among State and Federal agencies, non-governmental partners and stakeholders.

**RSF (Coordinating Agency):**
- Community Planning & Capacity Building (DHS/FEMA)
- Economic (Commerce)
- Health and Social Services (HHS)
- Housing (HUD)
- Infrastructure Systems (USACE)
- Natural and Cultural Resources (DOI)

**Primary & Supporting Agencies (examples):**
- DHS-IP
- DOE
- DOT
- EPA
- HUD
- USDA
- USCG

USACE does not have authority to activate partnering RSF agencies; they can be engaged via National Coordinator at FEMA HQ or by locally established contacts.
IS-RSF Field Coordinators may be on assignment for several months.

Products traditionally developed by IS-RSF include the Mission Scoping Assessment and the Recovery Support Strategy.
1. **Advance Evaluation Team** (Decision: Which RSFs to activate/deploy)
   - FEMA-led team that assesses need for NDRF implementation (akin to IMAT). USACE has not joined an AET yet.

2. **Mission Scoping Assessment** (Determine Priorities)
   - Interagency collaborative report summarizing damages.

3. **Recovery Support Strategy** (Develop Coordination Plan)
   - RSS: interagency collaborative report summarizing recovery strategies.
ESF-RSF Transition

ESF #1 - Transportation
ESF #2 - Communications
ESF #3 - Public Works & Engineering
ESF #12 - Energy
ESF #4 - Firefighting
ESF #5 – Emergency Management
ESF #6 - Mass Care, Emergency Assistance, Housing, & Human Services
ESF #8 - Public Health & Medical Services
ESF #7 – Logistics Management & Resource Support
ESF #9 – Search & Rescue
ESF #10 - Oil & Hazardous Materials Response
ESF #11 - Agriculture & Natural Resources
ESF #13 – Public Safety & Security
ESF #14 – (Long-Term Community Recovery- superseded by NDRF)
ESF #15 – External Affairs

Infrastructure Systems
Housing Recovery
Health & Social Services
Natural & Cultural Resources
Economic
Community Planning & Capacity Building

NOTE: ESF #15 - External Affairs will link to all RSFs
INFRASTRUCTURE SYSTEMS RSF GOAL

The goal of the **Infrastructure Systems Recovery Support Function (IS-RSF)** is to match the capacity of all infrastructure systems to a community’s current and projected demand on its built and virtual environment.

- USACE provides FEMA with Field Coordinator(s), if Mission Assigned or through Interagency Agreement
- Provide strategic advice to Federal Disaster Recovery Coordinator (FDRC)
- Technical reach back potential: GIS, cost engineering, dams/levees, expertise in flood risk management or coastal storm damage reduction, watershed planning, roads, utilities); data collecting, report writing
<table>
<thead>
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<th>#</th>
<th>Event</th>
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<td>South Dakota Severe Storms</td>
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EXPERTISE NEEDED AND PARTNERSHIPS DEVELOPED

EXPERTISE / SKILLS
– Transportation Agencies, Public Transit
– Railroads
– Airport Authorities
– Port Authorities & Harbor Management
– Water Systems & Flood Control Managers
– Storm Water Managers
– Utilities & Communications Providers
– Environmental Conservation Organizations
– Coastal Zones / Management Depts.
– Agriculture producers/transportation
– Public Safety & Emergency Management
– Public Facilities Managers
– Educational Institutions
– Professional & Trade Associations
– Private Sector

PARTNERSHIPS
– Utilities: energy, water, communications, sanitation
– Transportation: roads, bridges, tunnels, water transport, airports, public transportation
– Flood control, dams & storm water management
– Government & public facilities
– Public safety & emergency services
– Emergency Management
– Agriculture: food production & delivery
– Mitigation & sustainability
– Facilitation Skills
– Organizational Skills
READINESS REQUIREMENTS (ENGLINK)

- Signed SOU on record
- Valid Medical Screening

Current Training Requirements (all Web-based)

FEMA ICS & NIMS online courses (~8 hrs)
1. IS-100.FWa, ICS-100 for Federal Workers
2. IS-200.b Single Resources / IAI
3. IS-701.a NIMS
4. IS-800.b NRF-National Response Framework

RSC modules
https://rsc.usace.army.mil/training/fema_ndrf/
5. NDRF 101 (~2 hrs)
6. PL 84-99 overview (~2 hrs)
7. Civil Level One (~1 hr)
CHALLENGES

USACE’s current focus is restricted to post-disaster planning as no additional external funding has been provided for pre-disaster planning, establishment of a full-time IS-RSF cadre, or creation of training programs.

No centralized agency manages infrastructure systems
- Infrastructure projects often involve enormous scale and complex or overlapping jurisdictional relationships, requiring partnerships and the establishment of clear and compelling objectives to bring them to fruition
EXAMPLE FROM SANDY OF CONTINUED INTERAGENCY COORDINATION AFTER MISSION ASSIGNMENTS END
This map shows approximate locations of most of the major infrastructure projects funded in whole or in part by 10 federal agencies per Disaster Relief Appropriations Act of 2013, and Sandy Recovery Improvement Act of 2013 (Public Law 113-2).

- Total >400 infrastructure projects
- Total estimated project costs >$28 billion
- Total federal funding >$19 billion
- >100 projects need coordination attention
- >100 are in construction today
- >100 completed since January 2018

Source: SRIRC Project Database as of February 22, 2018
BACKGROUND: SRIRC PROJECT DATABASE: > 400 PROJECTS

<table>
<thead>
<tr>
<th>Primary Federal Funder</th>
<th># of Projects</th>
<th>Estimated Project Cost</th>
<th>Federal Fund Allocation</th>
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<td>USFEMA</td>
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<td>USACE</td>
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<td>$7,145,250,000</td>
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<td>USDA</td>
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<td>$126,280,000</td>
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<td>USDAI</td>
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<td>$116,241,610</td>
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<td>USDOE</td>
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<td><strong>Grand Total</strong></td>
<td><strong>421</strong></td>
<td><strong>$28,179,565,018</strong></td>
<td><strong>$19,262,198,086</strong></td>
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Based upon data as of 3/22/18

**COORDINATION GROUPING PROJECTS BREAKDOWN BY PROJECT STATUS**

- Completed 24%
- Planning/design 23%
- Construction 24%
- Pre-construction 21%
- Conceptual 8%
POINTS OF CONTACT:

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