



2018

JOINT ENGINEER
TRAINING CONFERENCE
MAY 23-25 • KANSAS CITY, MO

www.samejetc.org



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Welcome to the 3rd JETC TTEEx!

TTEEx JECO Coordinators:

- William H. Haight III, PE COL (USA, Ret) JECO Chair / Louis Berger
- Bryan Truesdell, PE, F.SAME COL (USA, Ret) USACE LNO to NORAD & USNORTHCOM

TTEEx Facilitators:

- Steve Diaz, Ph.D. USACE (Dep Dir, Readiness Support Center)
- Hibba Haber, USACE (NDRF RSF-IS Coordinator)
- Sandra Schiess, FEMA (FDRC, Region VII)



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SAFETY FIRST!

Please take note of the exits in
case of an emergency.



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Thank You to Our Sponsors!

SILENCE PLEASE!

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CREDITS & PRESENTATIONS

Earn 1 PDH/ AIA credit for attending this session.

Where are the forms ? www.samejetc.org

Presentations? www.samejetc.org



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Q&A & FEEDBACK

Please walk up to the mic for questions.

Questions will be addressed during the allotted time.

Rate our session in the JETC App.



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The Joint Engineer Training Conference

3RD JETC TABLE TOP EXERCISE



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JETC TTEEx Series

1st TTEEx

- 2016 JETC, Phoenix
- Total Engineer Force Capability & Capacity Sufficiency to Set a new Theater of Operations
- Tunisia counter-insurgency scenario
- Force structure, operational contracting, engineering & logistics focus

2nd TTEEx

- 2017 JETC, Columbus
- HA/DR Response and Recovery in PACOM AOR
- American Samoa and (Western) Samoa
- Devastating CAT 4 storm
- DOD assistance to USG Interagency Response (FEMA / USAID)



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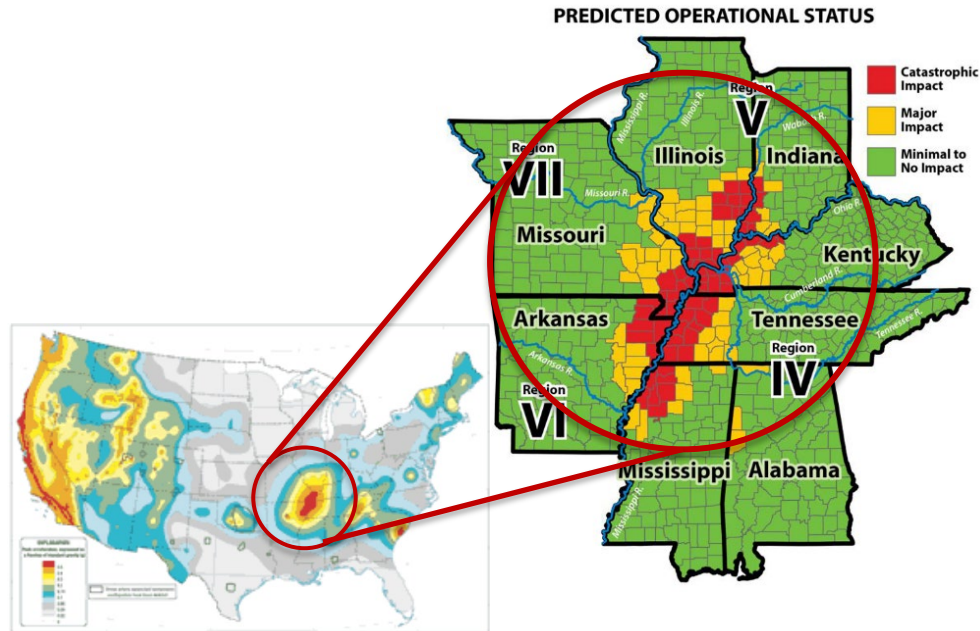
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TTEEx 3 - New Madrid Seismic Zone

- 2019 Exercise Scenario for ARDENT SENTRY (NORTHCOM)
- 2019 FEMA NLE (off year)
- JETC NMSZ TTEEx Registered in FEMA National Exercise Program





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New Madrid Seismic Zone Impacts

Film clip on impacts

Note: all damage assessments in accordance with MAE Center studies and projections



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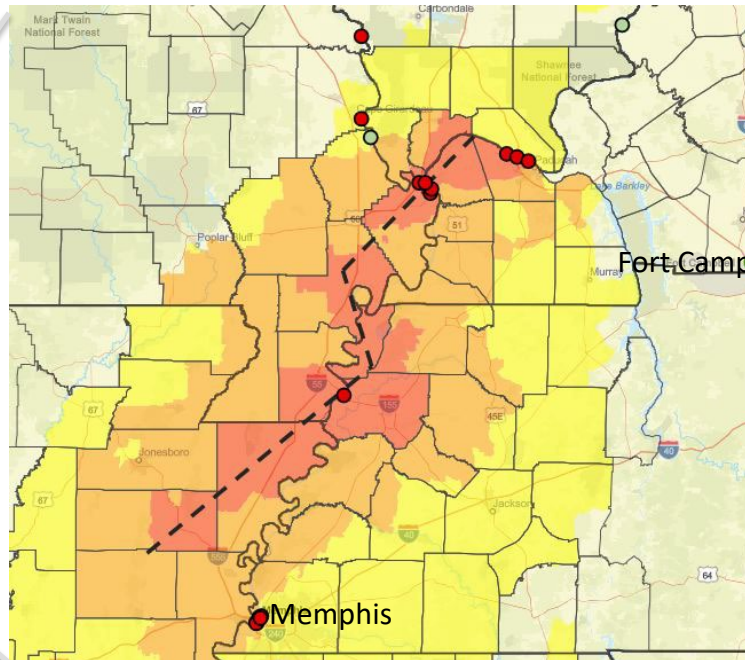
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Damage Projection Summary

- 8 states and 4 FEMA regions affected
- 86,000 injuries, and 3,500 fatalities
- 7.2 million people displaced
- 2 million seeking temporary shelter
- 2.6 million households without power
- 715,000 buildings damaged
- 130 hospitals damaged
- 3500 bridges damaged
- 15 major bridges deemed unstable
- 425,000 leaks and breaks to both local and interstate pipelines
- 42,000 search and rescue personnel working in 1500 teams



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TTEEx Objectives (1 of 2)

1. Distinguish between the specific authorizations, responsibilities, and mechanisms for engagement of the multiple responsible agencies and multi-level jurisdictions under the NDRF, with focus on Infrastructure Systems.
2. Identify the command and control challenges and outline the need for prioritization and allocation of limited recovery resources in the multi-jurisdictional NMSZ, focused on the authorities that govern Infrastructure Systems.



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TTEEx Objectives (2 of 2)

3. Evaluate the whole of nation response for the massive recovery and reconstruction efforts that could arise from a major earthquake in the NMSZ.
4. Identify existing instruments and any considerations for new instruments needed to engage industry, prior to a major earthquake event, to increase readiness of the entire engineering community to support catastrophic disaster recovery.



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Participating Organizations

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APPA
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DOT
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Ecubed

FEMA
Fluor
GSA
HUD
JECO
KBRwyle
KYTC
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TTEEx Schedule

- All sessions are in this room
- “U” Tables and 1st side row seating for named participants and visiting VIPs
- Named participants requested to take part in all sessions
- Additional participants and observers - open seating

Time	Session
1315 - 1345	TTEEx Kickoff and Inbrief to Senior Engineer Leaders
1350 – 1435	NRF – NDRF Overview & NRF / ESF Disaster Response Phase
1435	10 minute break
1445 - 1615	NDRF / RSF Disaster Recovery Phase & Recap
1615	15 minute break
1630 – 1715	Outbrief & Senior Engineer Leader Comments / Q&A



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We have assembled some of the most distinguished SMEs on NMSZ and the NRF / NDRF for our collective benefit. Please engage, contribute, and learn!



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Senior Engineer Leader Guidance



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*Thank you for being a participant
in the 2018 JETC TTEx!*

*NRF – NDRF Overview begins in
5 minutes in this room.*

PREDICTED OPERATIONAL STATUS

