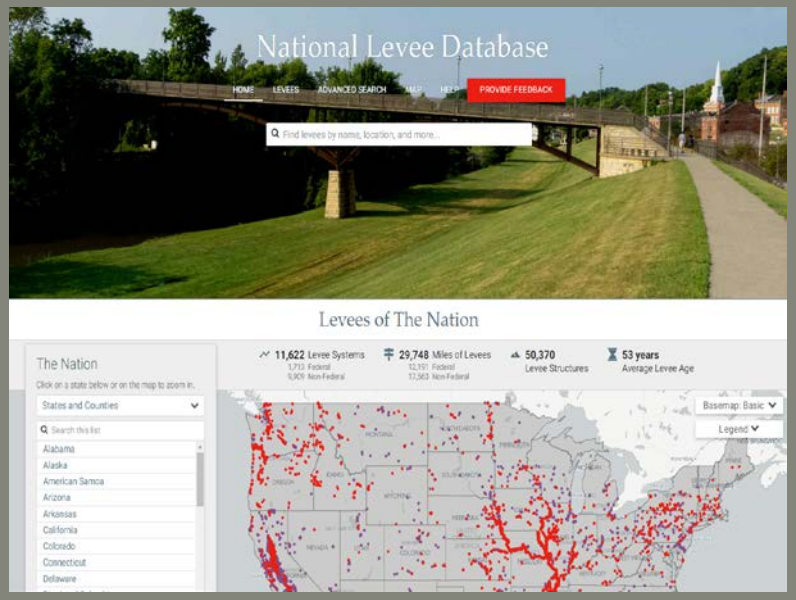
THE *NEW & IMPROVED* NATIONAL LEVEE DATABASE WEBSITE OVERVIEW – NLD 2



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2018 Levee Safety Conference

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"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."

US Army Corps of Engineers

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DISCUSSION TOPICS

- Goal of the new NLD updates
- NLD Basics
  - Inventory of levees
  - Updates/Changes to NLD
  - New fields
- Account Management for Sponsors
  - How account system works
  - Access to information
- Support for Sponsors
- Demo of new NLD website

THE IMPORTANCE OF CHANGE…

- Congressional direction to build a National Levee Database with the following as minimum:
  - Location
  - General Condition
  - Risks associated with the levee system

- Levee Safety Program focus on Risk Management Framework helped direct updates to the NLD

- New focus also on Stakeholders including Sponsors, States, those living and working behind levees and the Public

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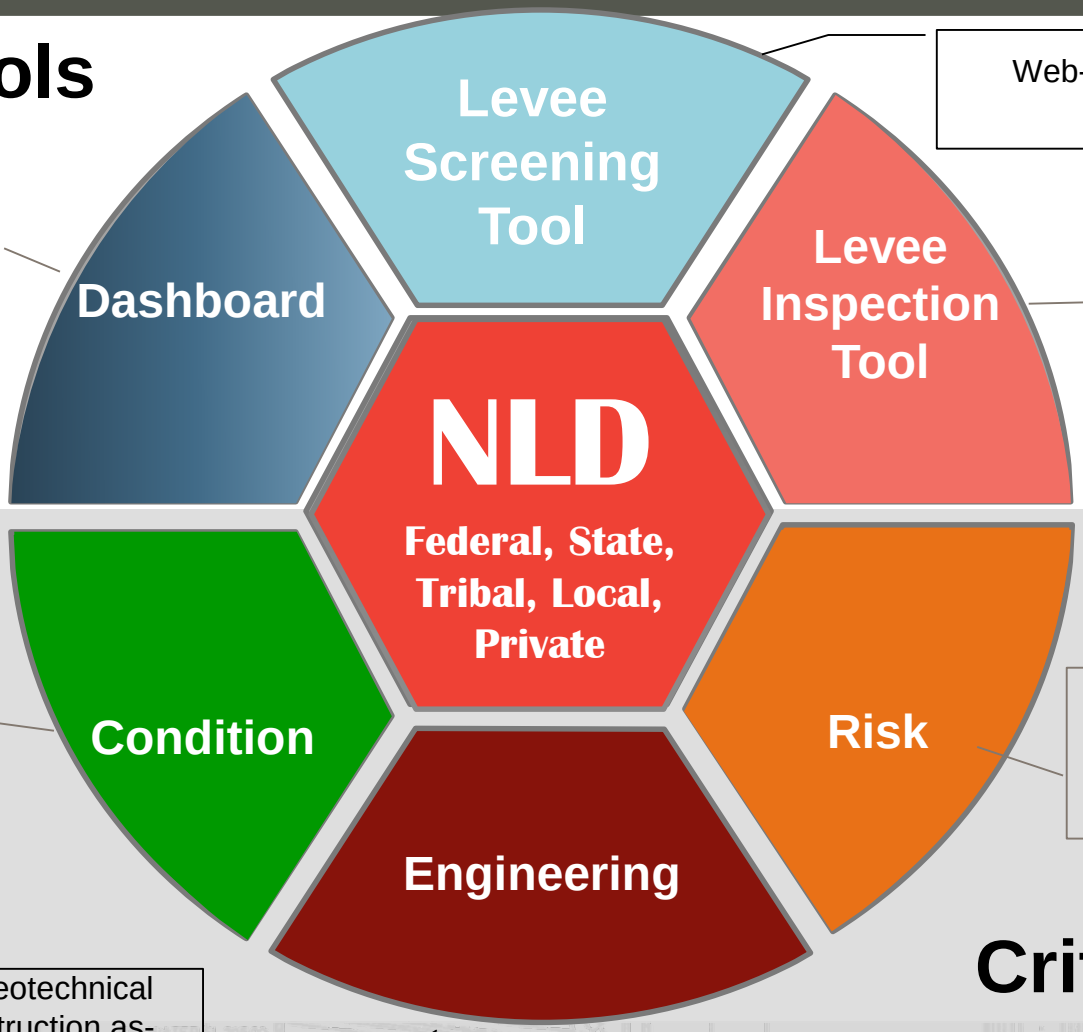
ONE CENTRAL DATABASE

Shared Tools



Web-based tool for risk screening

Information Display

Tablet-based inspection checklist and survey

Overall Inspection rating, deficiencies, performance history

Risk assessment and summary information (leveed area, population at risk, structures at risk)

O&M manuals, geotechnical information, construction as-builts, plans and specifications, location

Critical Data

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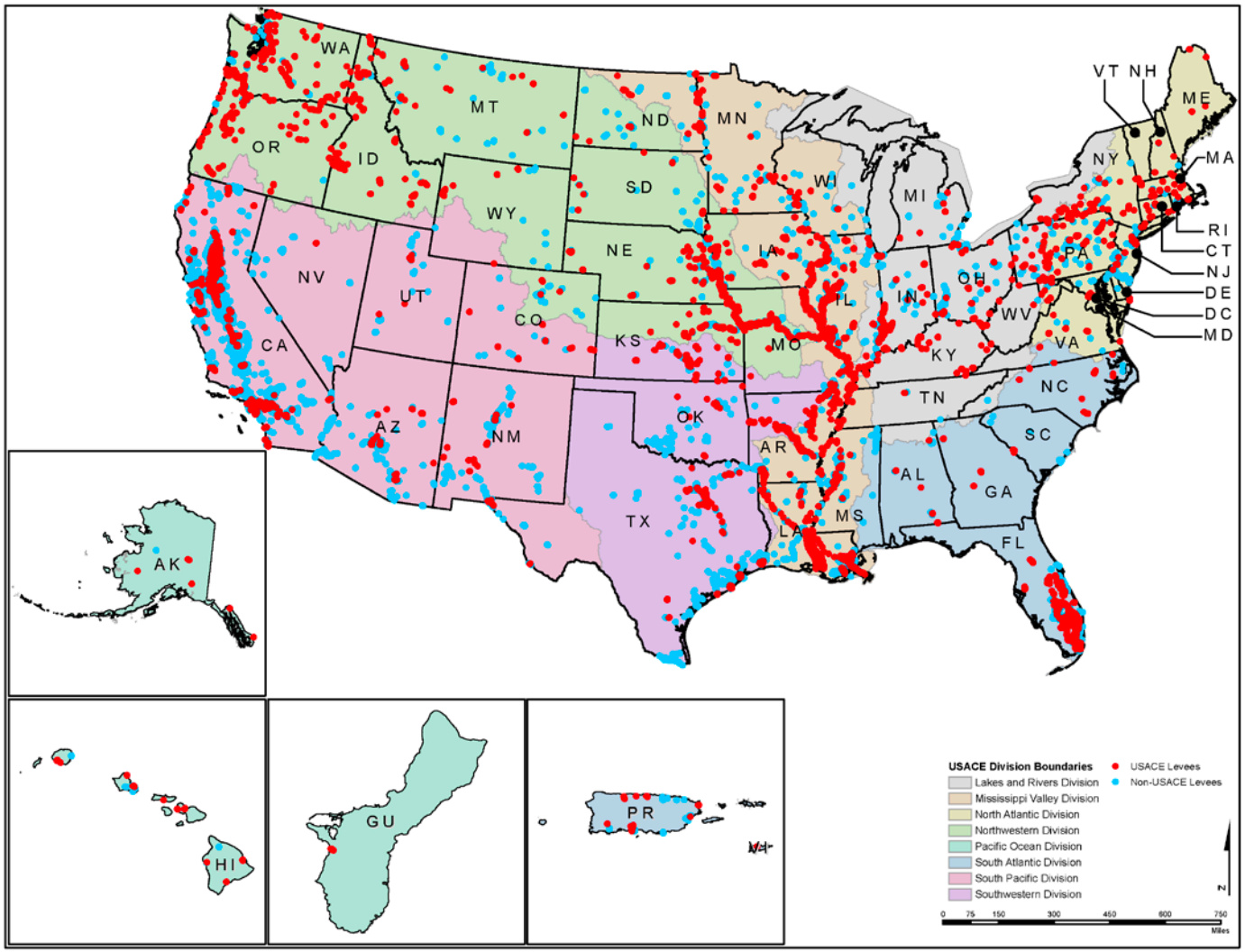
LEVEES IN THE NATIONAL LEVEE DATABASE



Total Levee Systems = 8,800 / Miles = 28,900

- USACE Portfolio: Systems = 2,200 / Miles = 14,150
- Non-USACE Systems = 6,600 / Miles = 14,800

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WHAT IS NEW IN THE NLD

Website

- Updated Search
- Maps
- Accounts
- Dashboards

New Categories/ Tabs

- Risk
- Summary
- FEMA
- System/ Segment
- Inspection

New Information

- Risk Characterization
- LSAC
- Project Description
- Performance Data
- Consequence Data
- Levee Profile data

ACCOUNT MANAGEMENT

- Public Version available without account of password
- Access to FOUO information related to Levee System/Segment associated with a Sponsor requires an account/password
  - Levees are considered critical infrastructure and some detailed information about the condition or protection afforded are protected under For Official Use Only designation.
- Requests for accounts should be sent to your local LSPM.

SUPPORT FOR SPONSORS: KEY INFORMATION

- NLD Website:
- Public Release is June 5, 2018
- Help Desk Support:
- Contact District LSPM for data management and new accounts.
- Contact District LSPM if you see data or information that needs to be updated or corrected in the NLD
- Quick Access Guides on NLD website

VIEWS IN THE NLD

PUBLIC VIEW

- **Location**
  - Centerline
- **General Condition**
  - Project Description
  - Executive Summary Inspection Reports
  - Inspection Rating
- **Risk**
  - Leveed area
  - Risk Characterization
  - PAR/Structures at Risk
  - Levee Safety Action Classification
  - Levee System Summary

FOR OFFICIAL USE ONLY

- **Location**
  - Centerline
- **General Condition**
  - Full Inspection Reports
  - Performance/Flood fight data
  - Distress Points
- **Risk**
  - Access to Levee Screening Tool*
  - Detailed Risk Documents*

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NLD DEMONSTRATION

https://levees.sec.usace.army.mil/

MORE UPDATES ON THE WAY...

- Upcoming Additions; FOUO
  - Link to Levee Screening Tool
  - Key information from Screening level Risk Assessment
  - More detailed consequence information

- Levee Inspection Tool
  - Access from NLD Home Page
  - Information available from inspections in NLD
  - Online Inspection Reports in NLD

- Give us your Feedback for more update ideas!

QUESTIONS?