

# **The Alaska Earthquake Program**

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**National Earthquake Program  
Managers Meeting**

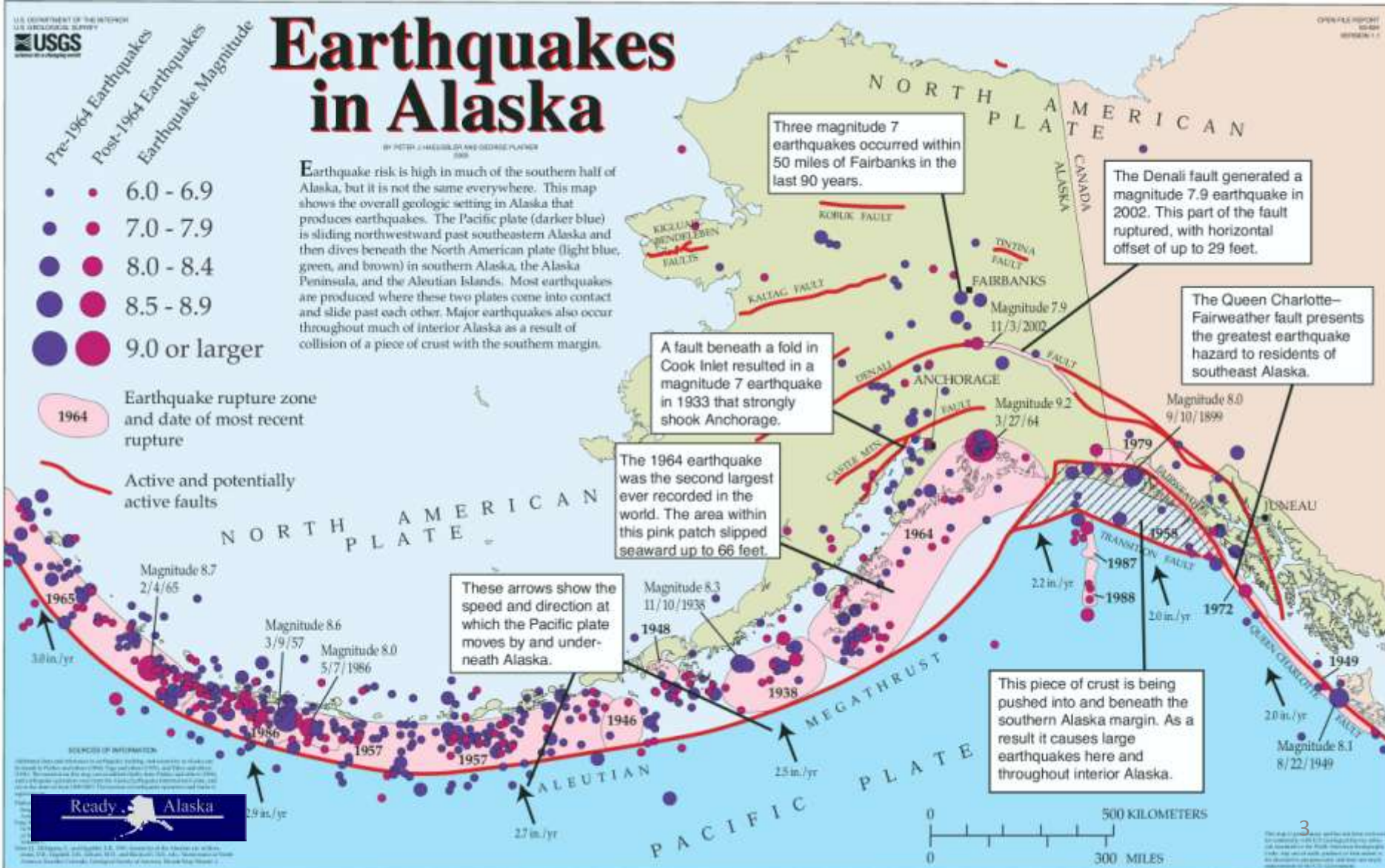
**Wednesday, May 1, 2013**

# Agenda



- The Earthquake and Tsunami Hazard in Alaska
- Elements of the Alaska Earthquake and Tsunami program
- Program successes
  - The Quake Cabin
  - Tsunami Operations Workshop (TOW)
  - Small Community Emergency Response Plan (SCERP)
- Upcoming
  - 2014 (50<sup>th</sup>) Anniversary Committee
  - Publication update: “Are You Ready for the Next Big Earthquake in Alaska?”- Anniversary edition
  - Training, training, and more training

# Earthquakes in Alaska (USGS)



# What are the Elements of the Alaska Earthquake (and Tsunami) Program?



- Emergency Management
  - Division of Homeland Security and Emergency Management (DHS&EM), FEMA, and NOAA
  - Mitigation Planning, Outreach, Grants-NOAA, NEHRP, HMGP
- Division of Geological and Geophysical Surveys (DGGS)
  - ID geologic hazards to buildings, roads, bridges, installations and structures; support tsunami inundation mapping studies (sources)
- State Seismologist, Dr. Mike West
  - University of Alaska Fairbanks, Geophysical Institute (UAF-GI)
  - Monitor seismic activity through the Alaska Earthquake Information Center (AEIC)
- US Geological Survey (USGS)
- Alaska Seismic Hazards Safety Commission (ASHSC)



# The Quake Cabin



- Quake Cottage/Cabin/  
Simulator as an Outreach tool  
since 2000
- Simulates up to M8.0 event
- Schools, health and safety  
fairs
- 100 persons/day



# Tsunami Operations Workshop



- Regional workshop for EM's, first responders, harbor masters, leadership
- Local EQ/tsunami threat, evacuation route planning, TTX, emergency response planning, disaster recovery planning

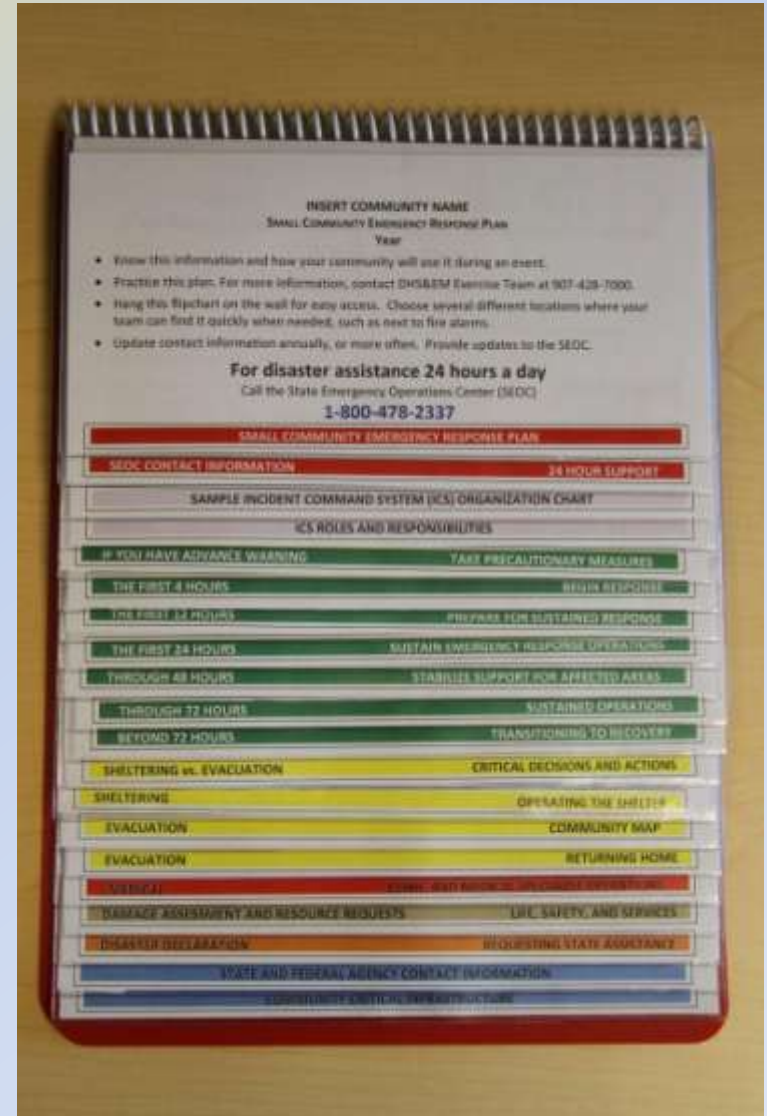




# Small Community Emergency Response Plan (SCERP)



- Customized flip book with essential community-specific information that assists communities in responding to disasters
- Response plan with actionable items for the first 72 hours
- Designed for communities of 2000 or less
- Incident Command roles & responsibilities, sheltering and evacuation, medical, damage assessment, resource requests, etc.



# 2014 Anniversary Events



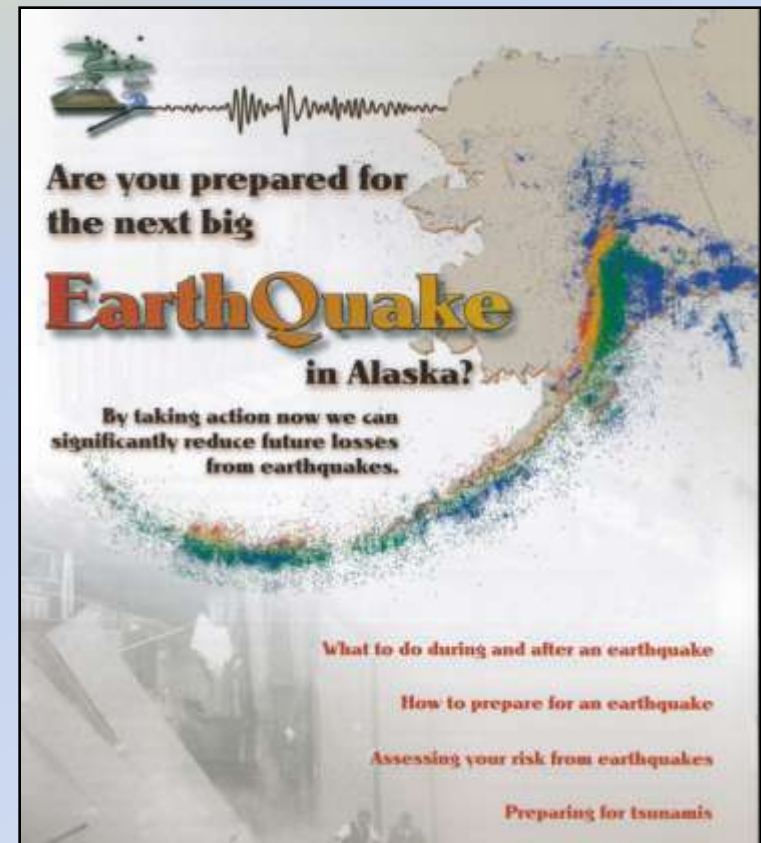
- Alaska Shield 2014, March 27-April 2, 2014
- National EERI Conference, July 2014-over 1000 international attendees
- State-wide committee to plan and execute 50<sup>th</sup> Anniversary (Good Friday Earthquake) events to maximize earthquake and tsunami hazard awareness and preparedness
  - Anchorage Museum, DHS&EM, DGGs, USGS, Alaska Experience Theater, ASHSC
  - Anchorage, Valdez, Kodiak, and Seward museums
  - Survivor Commemoration Event, displays and seminars
- Other events
  - Alaska Shield 2014
  - National EERI Meeting, July 2014



# Publication Update



- **Alaska-specific earthquake and tsunami information booklet (2004)**
- **The result of interagency collaboration-DHS&EM, USGS, UAF-GI, DGGS, NOAA WC/ATWC**
- **50<sup>th</sup> Anniversary update for release in early 2014**



# Training



- Augment outreach and build community resilience
- Webinars
  - FEMA E-74 Reducing Non-Structural Damages from Earthquakes
  - FEMA 395 Earthquake Safety & Mitigation for Schools
- EMI Independent study offerings
- Train the Trainer
  - AWR 217 Tsunami Awareness for Emergency Managers (includes teachback)
  - Responder Ready (through Outreach)
- Course offerings
  - Post earthquake Damage Assessment training (ATC-20)
  - FEMA P909 Home/Business earthquake mitigation



# Questions or Comments?

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