

February, 2016  
NTHMP-USGS  
Workshop

# TWC-USGS Interactions

- Observations
  - USGS Seismic Data
    - Regional Network Data
  - Comms.
    - NOAA Net
  - Transportable Array – AK
    - How to continue?
  - Others???

# TWC-USGS Interactions

- Seismic Processing
  - TOPS challenges
  - Regional Networks
  - ShakeAlert
  - Official USGS information
    - 20-60 minutes after Otime
  - Others???

# TWC-USGS Interactions

- Dissemination
  - USGS Web Site
    - Quake parameter updates – good model
  - PDL – EIDS
    - Both ways – TWC feeds USGS web,
    - EIDS provides tsunami information from TWC
    - Will be used to transmit advanced processing

# TWC-USGS Interactions

- Technology Transfer
  - Location/Magnitude/Depth
  - LP Processing
  - Finite Fault
  - W-Phase
  - GPS Processing
  - Others???

# TWC-USGS Interactions

- R&D
  - SLAB
  - Historical information
    - Databases
  - Sediment studies
  - Source definition - exercises
  - Sources to feed Risk Analysis (rec. from NAS)
    - Big job
    - Probabilities
  - Others???