

Disaster Stories in LEO - *Pilot Projects and What's to Come*

ANTHC
EP & LEO



ALASKA NATIVE
TRIBAL HEALTH
CONSORTIUM

Agenda

- Quick discussion of Earthquake & Tsunami Warning
- Overview of the ANTHC EP
- Introduction of how we've used the LEO Network
- Discuss how to be a good "observer" of disaster impacts
- Share our intent to develop an EM HUB

Earthquake
& Tsunami

ANTHC
EP

ANTCH
EP & LEO
Network

Observations

What's
Coming

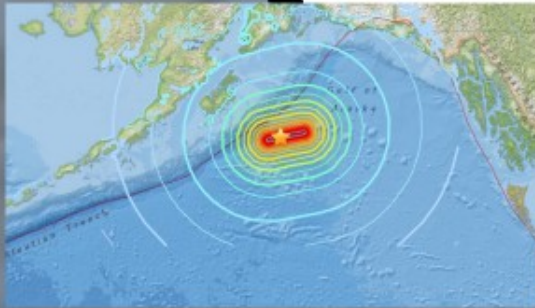
Earthquak & Tsunami

- Tell your story
- Talk through the State's response process
- Discuss ANTHC EP role
- Survey questions (2)



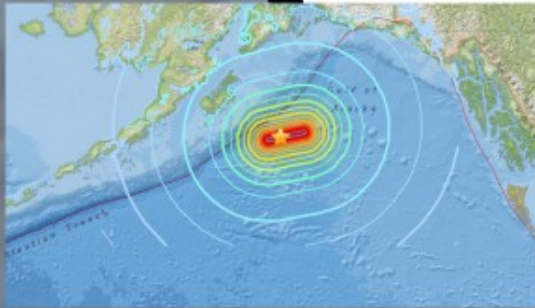
Earthquak & Tsunami

- Tell your story
- Talk through the State's response process
- Discuss ANTHC EP role
- Survey questions (2)



Earthquak & Tsunami

- Tell your story
- Talk through the State's response process
- Discuss ANTHC EP role
- Survey questions (2)



ANTHC EP

- Technical assistance
- Training
- Regional Tribal Health Emergency Preparedness Assessments
- Tribal Liaison to SEOC and DHSS EOC
- <https://anthc.org/what-we-do/community-environment-and-health/emergency-preparedness/>

ANTCH EP & LEO Network

- Background - the why
- Pilot Projects
 - <https://www.leonetwork.org/en/posts/show/5C948AC7-9AD9-4037-BC60-0E543F73A40E#lat=59.64554025144323&lng=-159.2578125&zoom=5>
- Example: Fast Moving Winter Storm
 - <https://www.leonetwork.org/en/posts/show/16DA256B-7EE1-40FB-B7B5-B436DDA9B34B>

Observations

- How are EM Observations different?
 - Time
 - Information exchange for decision makers
 - Impacts on response
 - Impacts on local disaster declaration

Observations
for EM

Value Add
Examples

Observations for EM

- Ground Truth current events
 - NWS interest in model verification
 - EM interest in situational awareness
 - local response
- Damage assessments
 - environmental impacts
 - critical infrastructure impacts

How

- Digital information: photos, geospatial information
- personal narrative
- contacts

Value Add Examples

- Information from agencies to locals (NWS Decision Briefs)
- USGS - Jackie Overbeck
- VPSO's ground truth
- Golovin damage information

What's Coming

- ANTHC EM Hub
- Still a lot of work to do here

Disaster Stories in LEO - *Pilot Projects and What's to Come*

ANTHC
EP & LEO



ALASKA NATIVE
TRIBAL HEALTH
CONSORTIUM