

3/14(Mon)

9:00: Arrive DCRC @ 1<sup>st</sup> floor

10:30: Go for survey @ Miyagi-no-ku with NHK and etc

10:40: At 4 km away from shoreline, we found tsunami trace with the max. depth of 55 cm (two lines, one 55 cm another 35 cm).

11:00: Announcement of tsunami warning. They reported 5 m tsunami @ Ofunato. Then we evacuated from there.

Notice: Mud line @ opposite sea side is clearer than sea side, why?

Two lines, which is the first or second wave?





Other notes: Early necessary information→

1. Tsunami inundation area
2. Topography change
3. Damage: fire, collapsed buildings, roads, infrastructures

We have record of location and magnitude for each historical tsunami but this time (M9.0) is larger than in the past (Jogan tsunami in year 869 with M8.3). Even the biggest earthquake in Japan was recorded at about M 8.5. This is because the tsunami record of tsunami this time maybe longer than 1,000 years. We did not expected that it will occur altogether at the same time.

This let us to revise the tsunami mitigation system.

They found a tsunami record of larger than 1 m in some DART!!!

Satellite image link:

<http://www.nasa.gov/multimedia/imagegallery/iotd.html>

[http://wiki.openstreetmap.org/wiki/2011\\_Sendai\\_earthquake\\_and\\_tsunami](http://wiki.openstreetmap.org/wiki/2011_Sendai_earthquake_and_tsunami)

<http://www.jaxa.jp/>