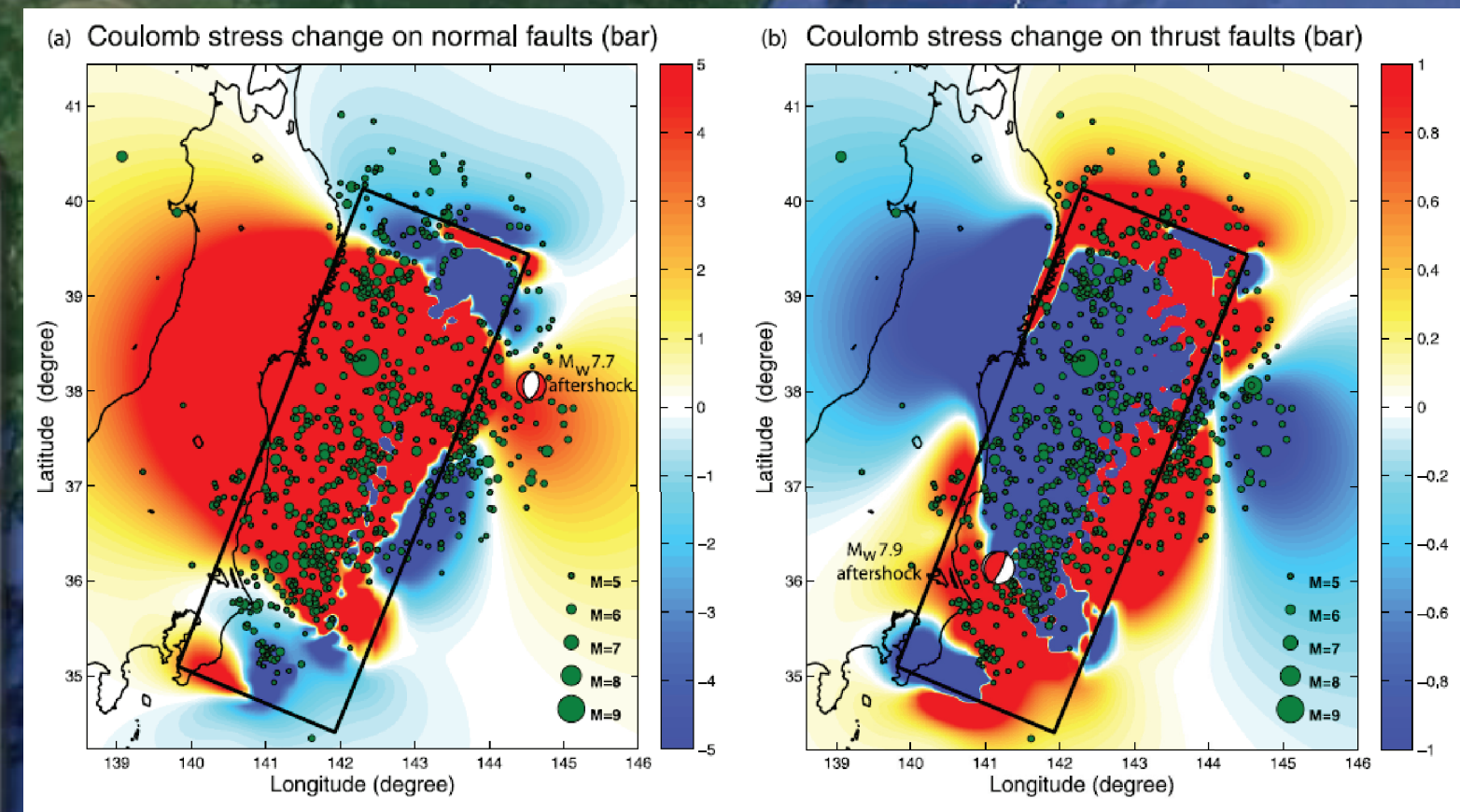
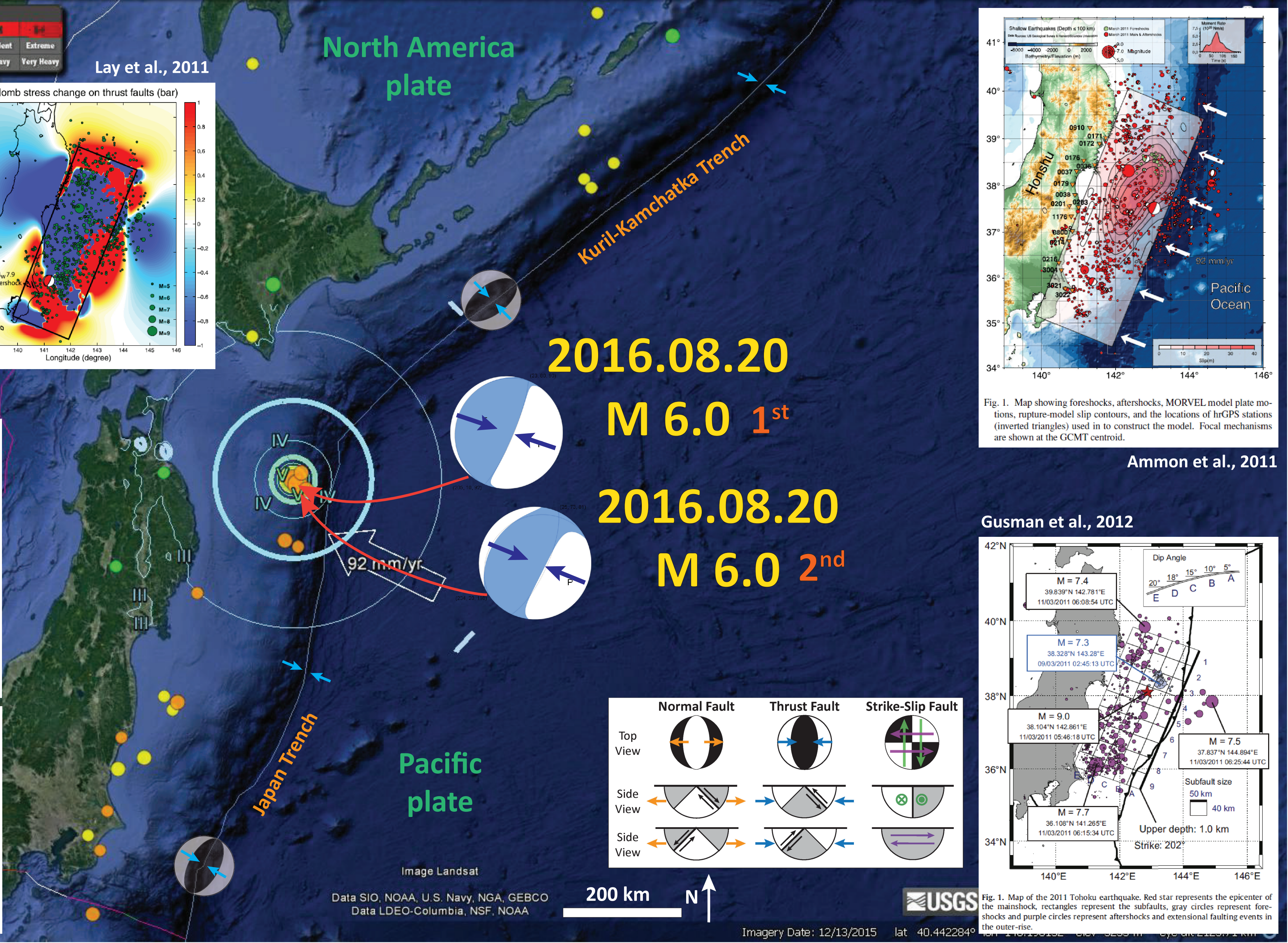
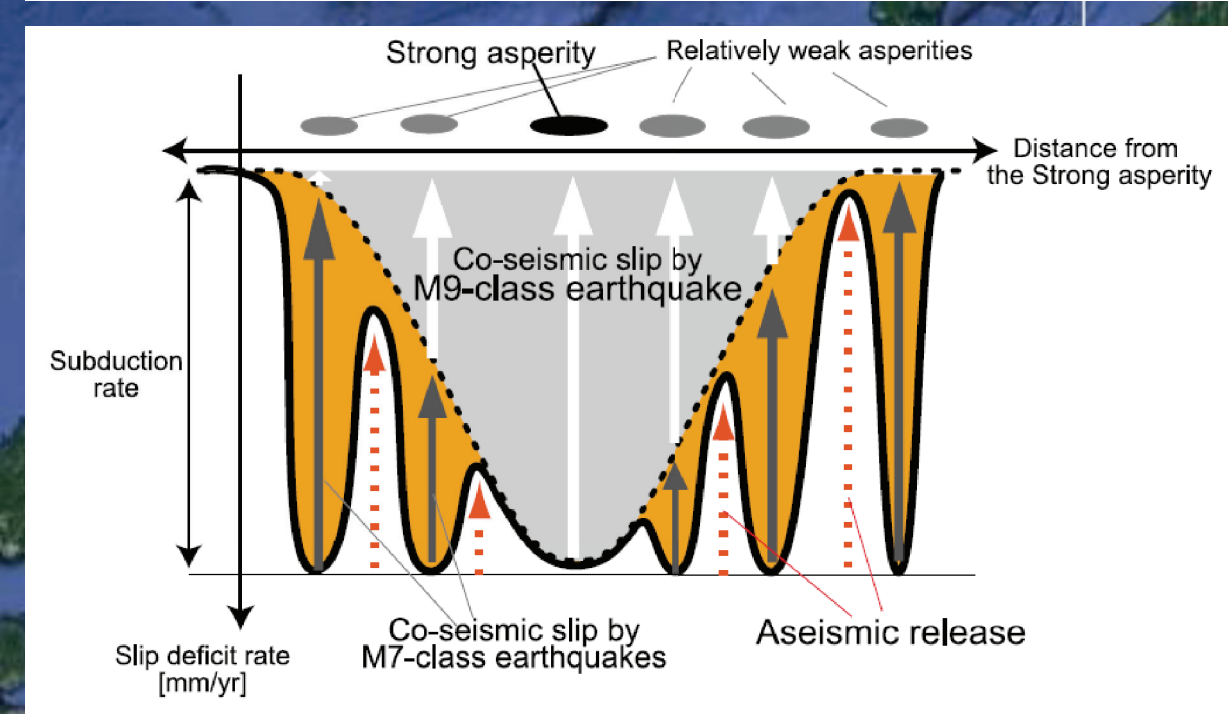
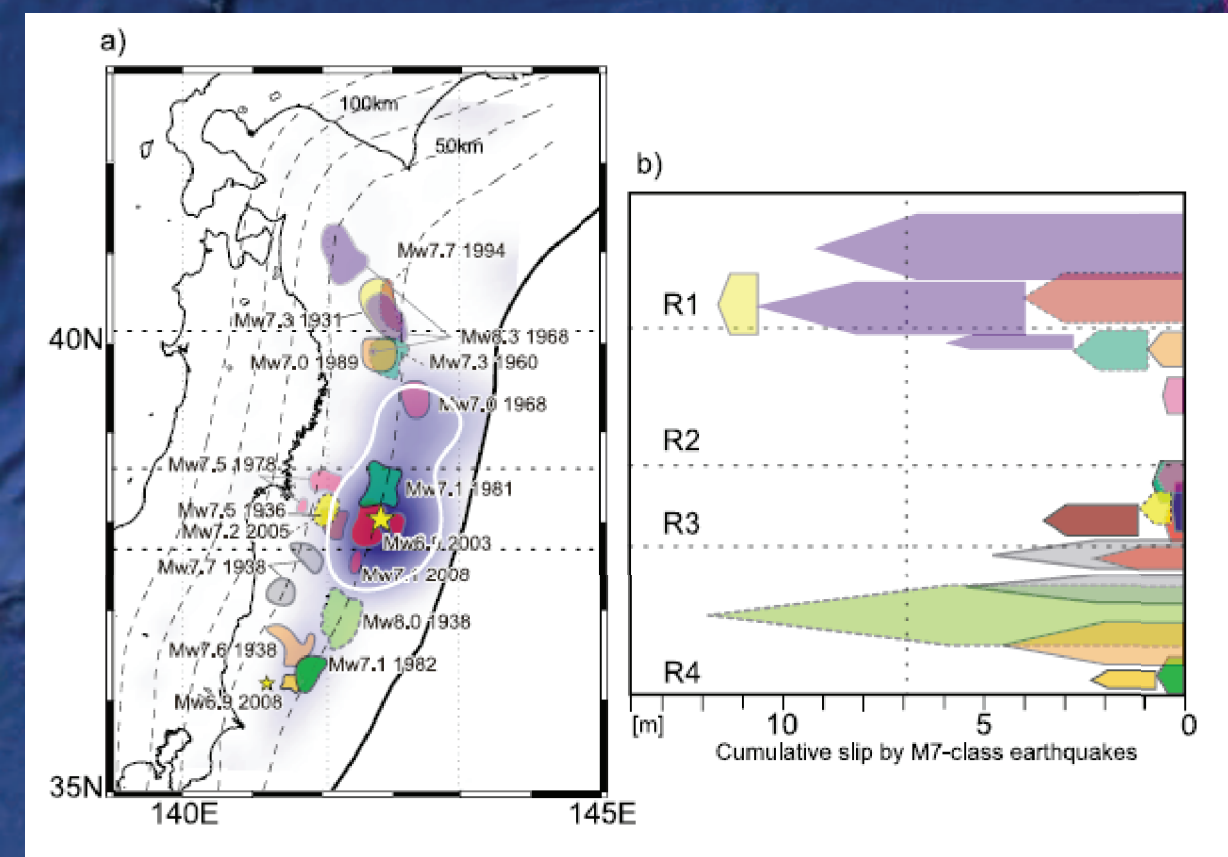


Instrumental Intensity	I	II-III	IV	V	VI	VII	VIII	IX	X
Potential Shaking	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
Potential Damage	None	None	None	Very Light	Light	Moderate	Moderate/Heavy	Heavy	Very Heavy

Lay et al., 2011



Eurasia plate Ikuta et al., 2012



2016.08.20

M 6.0 1st

2016.08.20

M 6.0 2nd

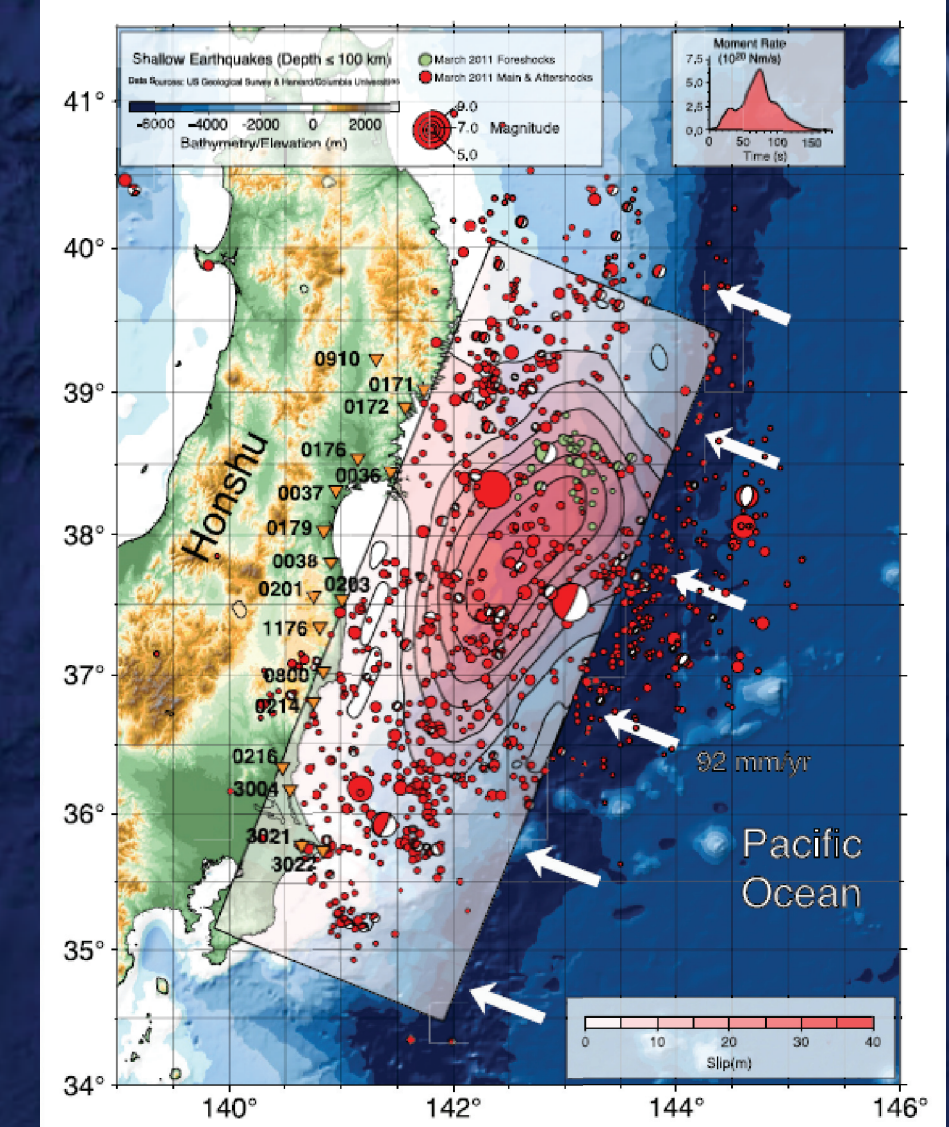
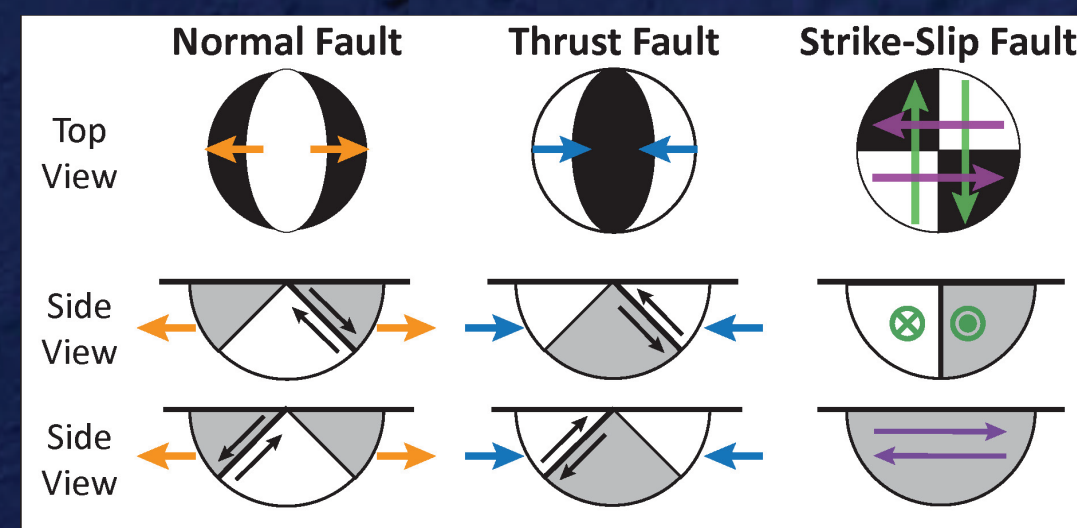


Fig. 1. Map showing foreshocks, aftershocks, MORVEL model plate motions, rupture-model slip contours, and the locations of hrGPS stations (inverted triangles) used in to construct the model. Focal mechanisms are shown at the GCMT centroid.

Ammon et al., 2011

Gusman et al., 2012

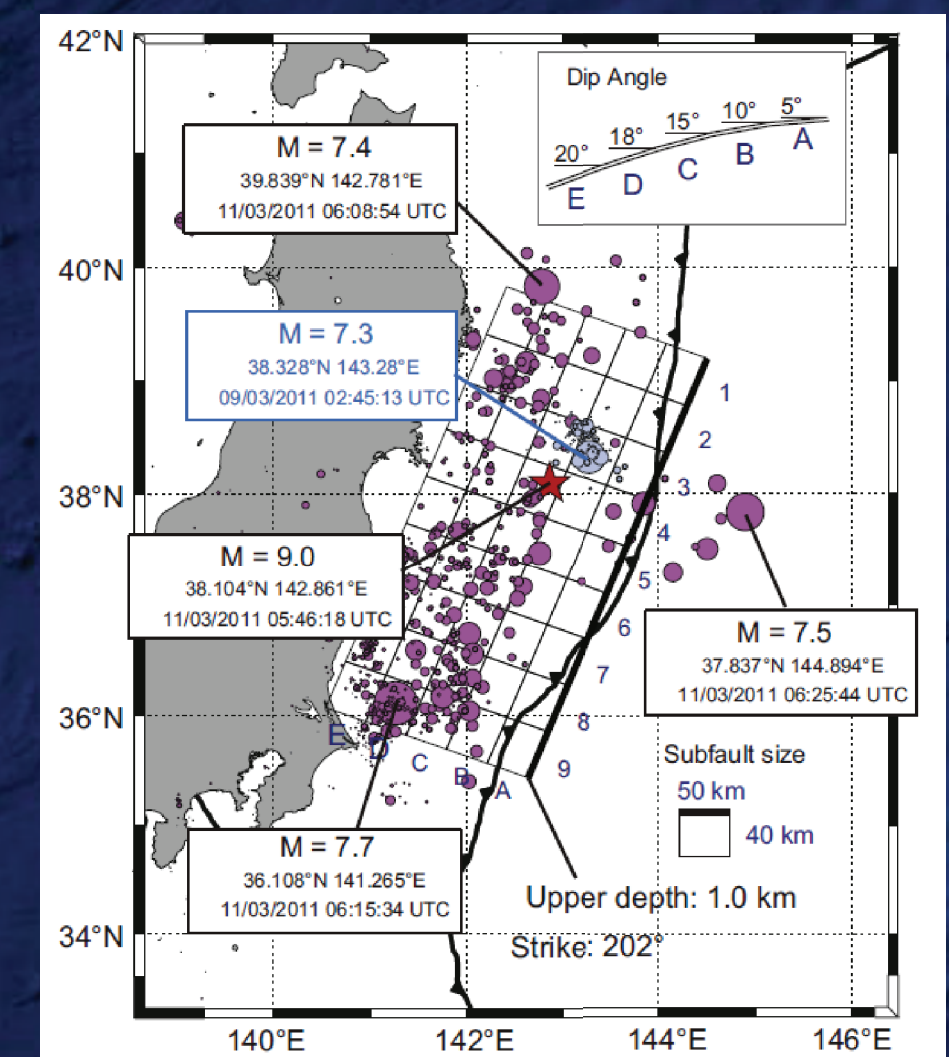


Fig. 1. Map of the 2011 Tohoku earthquake. Red star represents the epicenter of the mainshock, rectangles represent the subfaults, gray circles represent foreshocks and purple circles represent aftershocks and extensional faulting events in the outer-rise.

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Data LDEO-Columbia, NSF, NOAA

Imagery Date: 12/13/2015 lat: 40.442284°