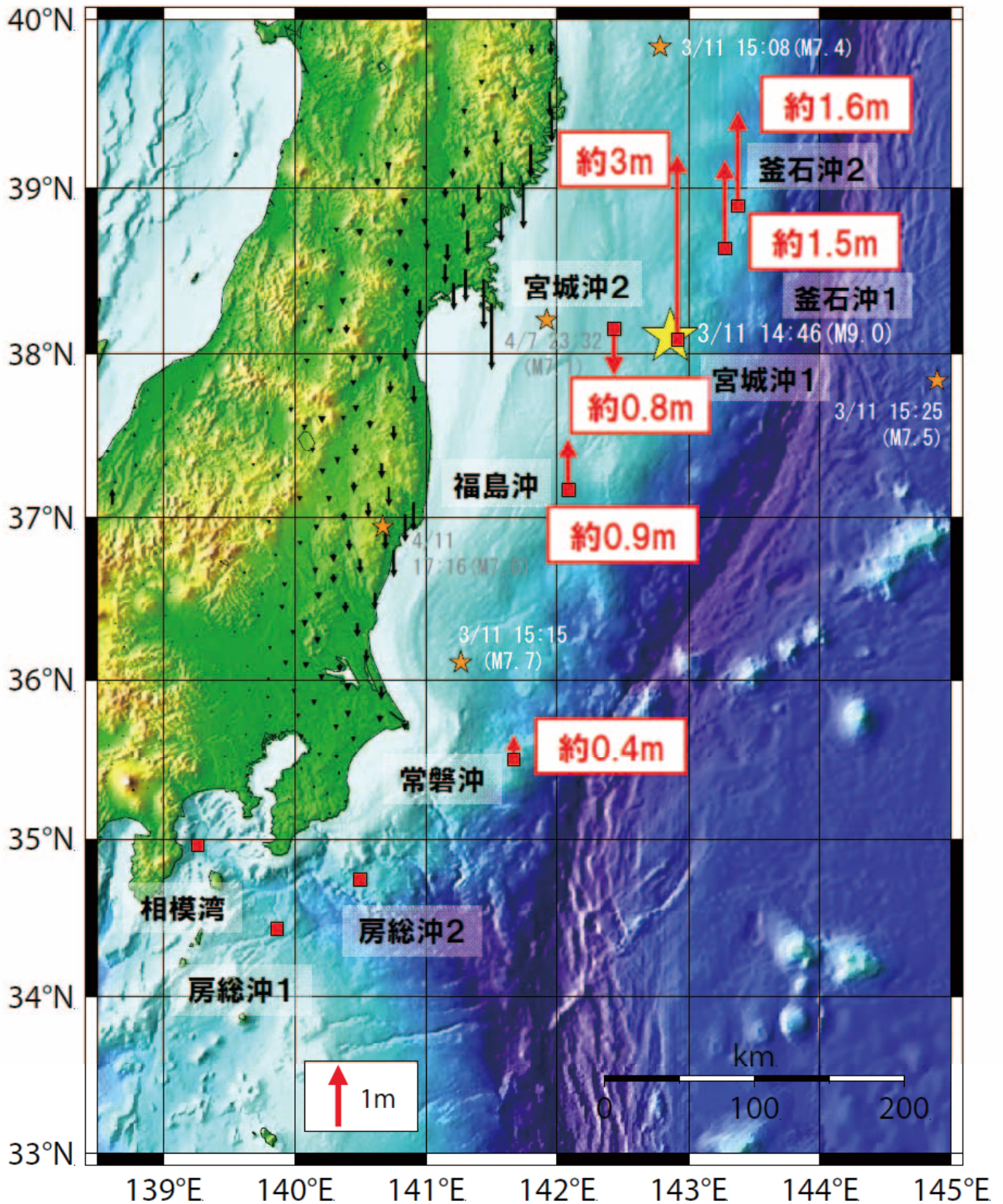


第3図 東北地方太平洋沖地震に伴う海底の動き (水平成分)

Fig.3: Horizontal displacements at the seafloor reference points along Japan Trench associated with the 2011 Tohoku-Oki Earthquake on Mar. 11, 2011.

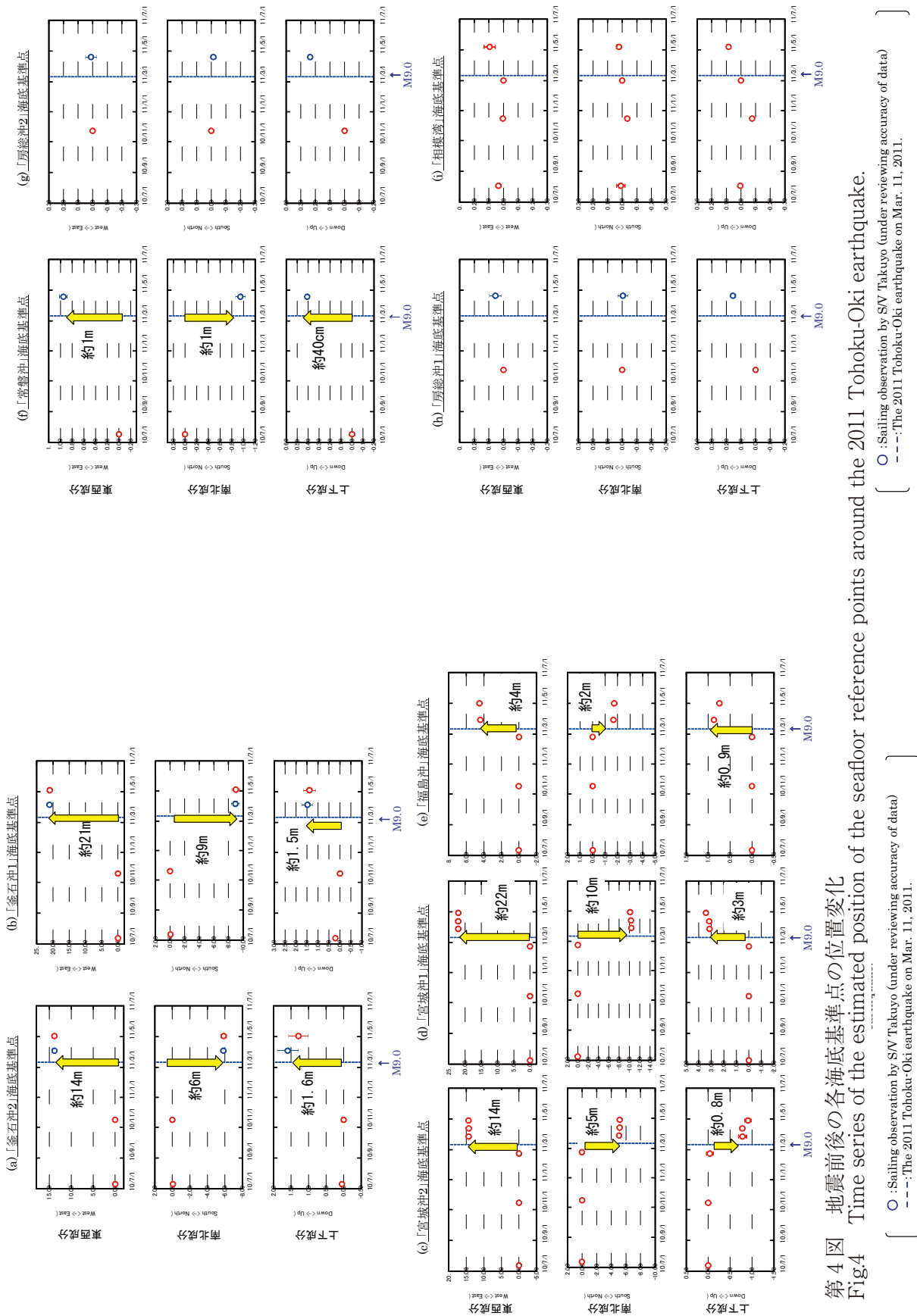
- ▶ : Horizontal displacement of JCG's seafloor reference points
- ▶ : Horizontal displacement at GEONET on-land GPS stations.
- ★ : The epicenter of the 2011 Tohoku-Oki Earthquake.
- ★ : Epicenters of aftershocks of the 2011 Tohoku-Oki Earthquake.



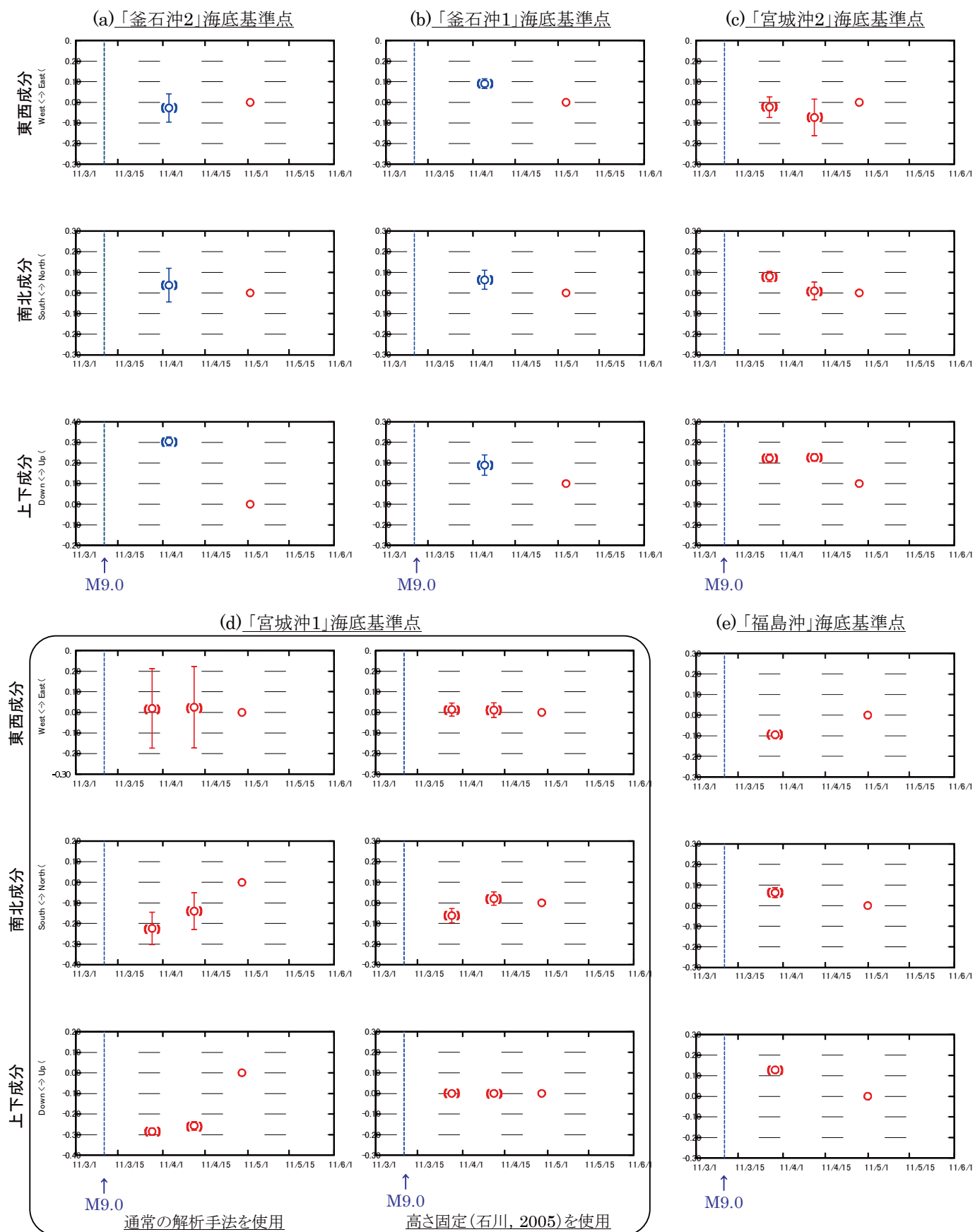
第3図 東北地方太平洋沖地震に伴う海底の動き（上下成分）

Fig.3: Vertical displacements at the seafloor reference points along Japan Trench associated with the 2011 Tohoku-Oki Earthquake on Mar. 11, 2011.

- ▶ : Vertical displacement of JCG's seafloor reference points
- ▶ : Vertical displacement at GEONET on-land GPS stations.
- ★ : The epicenter of the 2011 Tohoku-Oki Earthquake.
- ★ : Epicenters of aftershocks of the 2011 Tohoku-Oki Earthquake.



第4図 地震前後の各海底基準点の位置変化
Fig.4 Time series of the estimated position of the seafloor reference points around the 2011 Tohoku-Oki earthquake.



第5図 地震後の各海底基準点の位置変化

Fig.5 Time series of the estimated position of the seafloor reference points after the 2011 Tohoku-Oki earthquake.

- : Sailing observation by S/V Takuyo (under reviewing accuracy of data)
- () : Unreliable results due to less data
- : The 2011 Tohoku-Oki earthquake on Mar. 11, 2011.