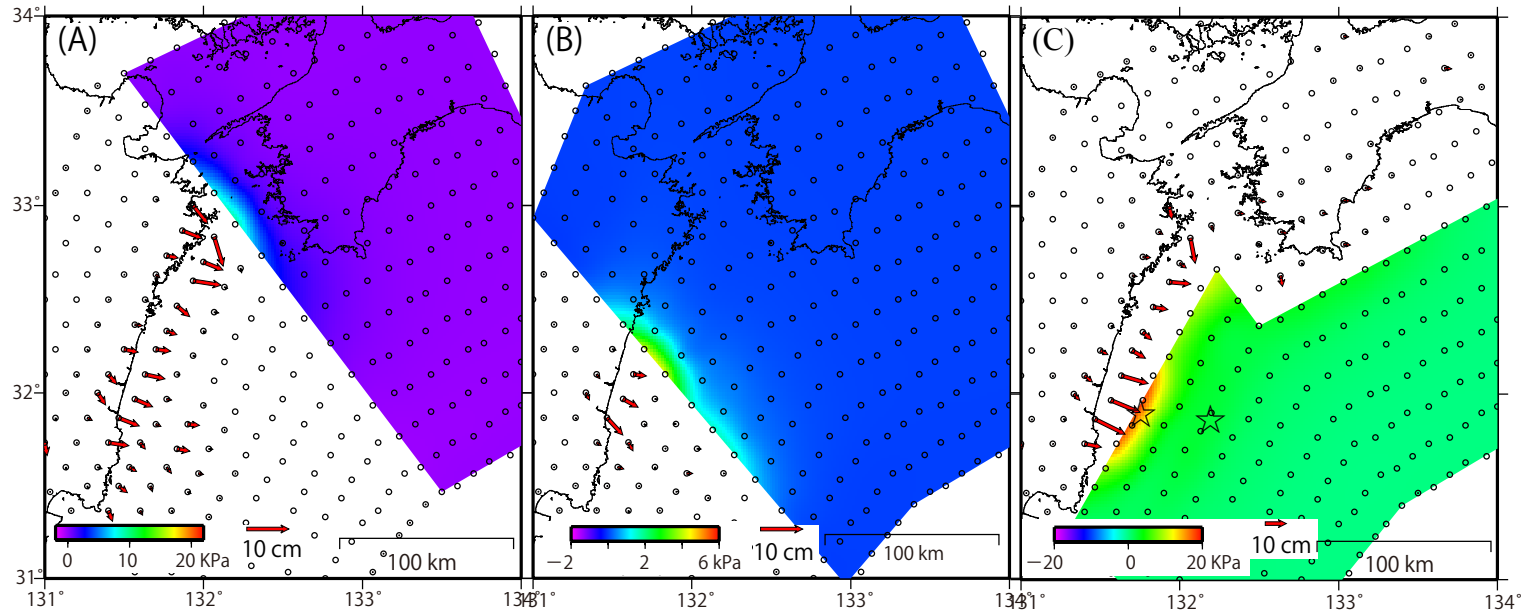




Additional file 7. (A)  $\Delta\text{CFS}$  calculated from the aseismic slip for the period between January 2013 and May 2014 assuming a rigidity of 30 GPa, Poisson's ratio of 0.25, and a friction coefficient of 0.2. The rake angle is opposite the motion of the Philippine Sea plate. The red arrows indicate the aseismic slip. (B)  $\Delta\text{CFS}$  calculated from the aseismic slip for the period between July 2015 and February 2016. The nomenclature is the same as that of (A). (C)  $\Delta\text{CFS}$  calculated from the total aseismic slip. Stars show the epicenters of the 1996 Hyuga-nada earthquakes. The nomenclature is the same as that of (A).  $\Delta\text{CFS}$  is shown in areas adjacent to the aseismic slip area since we cannot calculate  $\Delta\text{CFS}$  in aseismic slip areas.