Japan Geoscience Union Meeting 2013

(May 19-24 2013 at Makuhari, Chiba, Japan)

©2013. Japan Geoscience Union. All Rights Reserved.

SCG60-P02

Room:Convention Hall

Time:May 21 18:15-19:30

Groundwater pressure changes induced by the 2011 off the Pacific coast of Tohoku Earthquake in Tono area, Japan

Koji Tsuyuguchi^{1*}, Tomoyuki Karino¹, ONOE, Hironori¹, TAKEUCHI, Ryuji¹

¹Japan Atomic Energy Agenc

In the 2011 off the Pacific coast of Tohoku Earthquake, groundwater pressure changes were observed around the Mizunami Underground Research Laboratory (MIU) in Tono area. It was confirmed that the tendency of the pressure change due to the earthquake is different according to relationship with the location of borehole and geological feature structure. This report shows the water pressure change observed in boreholes after the earthquake.

Keywords: Tohoku Earthquake, Groundwater pressure, Postseismic change, Tono area