

## Aftershock observation of the 2016 Central Tottori Earthquake

\*Yoshihisa Iio<sup>1</sup>, Satoshi Matsumoto<sup>2</sup>, Takashi Iidaka<sup>3</sup>, Eiji Kurashimo<sup>3</sup>, Shin'ichi Sakai<sup>3</sup>, Yusuke Yamashita<sup>1</sup>, Aftershock observation group of the 2016 Central Tottori Earthquake

1. Disaster Prevention Research Institute, Kyoto University, 2. Kyushu University, 3. Earthquake Research Institute, University of Tokyo

We installed a seismic observation network with 69 high-gain short period seismometers in the aftershock area of the 2016 Central Tottori Earthquake, in order to clarify the stress field and fault strength in the aftershock area. We can determine very precisely focal mechanisms using this dense seismic data.

Keywords: stress, strength of fault, Central Tottori Earthquake, aftershock, focal mechanism