

Preliminary report of liquefaction damage and distribution of liquefied sites caused by the 2016 Kumamoto Earthquake

*Koki Teshirogi¹, Takushi Koyama², Haruhiro Doi²

1.Research Institute for Humanity and Nature, 2.Oita Univ.

Kumamoto city was affected by the liquefaction due to the 2016 Kumamoto Earthquake. This preliminary report shows overview of the liquefaction damage and the distribution of liquefied sites at the Nishi and Minami Wards, Kumamoto city by field observation and interpretation of satellite images.

Keywords: Liquefaction damage, Topographic conditions, The 2016 Kumamoto Earthquake, Liquefaction site map