Geophysical Investigation under Agricultural Facility Damaged by the 2016 Kumamoto Earthquak

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To investigate underground parts of farmlands damaged by the 2016 Kumamoto Earthquake, resistivity survey, and surface wave method were conducted. The S velocity and resistivity of soil at a greenhouse where a pole of house sunk because of liquification, were high around the pole, indicating that sand derived from the lower soil layer was mixed with the silty surface soil layer.

Keywords: Agricultural Facility, surface wave method, resistivity survey

