

SSS016-02

Room: IC

Time: May 24 09:15-09:30

## Relationships between Seismic Intensities and damages of 2009 Suruga bay earthquake deduced from Questionnaire Survey

Yoshinari Hayashi<sup>1\*</sup>, Yudai Suzuki<sup>2</sup>

<sup>1</sup>CIREN, Shizuoka Univ., <sup>2</sup>Faculty of Education, Shizuoka Univ.

We analyzed the relationships between seismic intensity, preparedness and damages of 2009 Suruga bay earthquake in Makinohara City and Yaizu City of Shizuoka prefecture. We adopted questionnaire survey method ( Ohta et al., 1979, Ohta et al., 1998) and added to query categories for preparedness and damages.

The results were summarized 3 point.

1. We observed wide range seismic intensity between 3.9 and 5.6 in Makinohara City and between 4.0 and 5.0 in Oigawa branch, Yaizu city.
2. The strong shaking area wasn't coincided with soft soil area.
3. Well prepared community was available quickly responses after earthquake.

Keywords: seismic intensity, 2009 Suruga-bay Earthquake, questionnaire survey, surface soil condition, preparedness for earthquake