

HSC015-09

Room: Exhibition hall 7 subroom 3

Time: May 23 11:15-11:30

## Disaster prevention map making using e-community map -case study in Noda school area-

Yohei Sunaga<sup>1\*</sup>, Toshinari Nagasaka<sup>1</sup>, Usuda Yuichiro<sup>1</sup>, Hitoshi Taguchi<sup>1</sup>

<sup>1</sup>NIED

The individual disaster prevention activity such as voluntary organizations for disaster prevention and the refuge governing bodies is done in various parts of Japan. Some of them make original disaster prevention map. But there are some issues; it takes time to the update work, the comparison with the hazard map that various the administration and laboratories are sending is difficult, the distribution to the local populace is difficult, because original disaster prevention map is usually made on paper.

To solve these problems, our project team made system using Web-GIS and program for original map making activity. This paper aimed to review the case in Noda school area on Tahara city in Aichi prefecture, and then, to show the result and the problem of this activity.

Keywords: disaster prevention map, e-community map, GIS, Tahara city, risk communication, risk governance