

Land form and flooding of central plain of Thailand in 2011

HARUYAMA, Shigeko^{1*}

¹Mie university

Result of landform mapping of the central plain of Thailand is showing several important landform units related with flooding, such as natural levees, back swamps, alluvial fans, former river courses, mad spits and delta, and the landform units are roles of flood expansion along the Chao Phraya River in 2011. The geomorphologic land classification map describing is showing the specific condition of flood inundation period, inundation depth and week points of dike break etc. in each micro-landform. Compared with inundation situation and recent land use change, flood risk near Bangkok Metropolitan area has been larger before.

Keywords: central plain of Thailand, flooding, landform, remote sensing