

## Transition around Kodaira City detected by using geospatial information

KOARAI, Mamoru<sup>1\*</sup>

<sup>1</sup>College of Land, Infrastructure, Transport and Tourism

The author is planning to lecture titled "Transition around Kodaira City detected by old maps and old aerial photos" as a citizen lecture of the College of Land, Infrastructure, Transport and Tourism in March of this year. The change of land use and land cover around the College of Land, Infrastructure, Transport and Tourism will be introduced in this citizen lecture using the time series geospatial information such as Jinsoku-sokuzu, old edition topographical maps by Japanese Army and old aerial photos taken by U.S. Army. It will be also introduced about disaster risk in this area from landform evolution and the existence of shallow valley in upland using Land Condition Maps and Digital Three-Dimensional Maps.

In this presentation, the author will show these geospatial data in poster and would like to introduce how these data could be utilized for geographical education, historical education and disaster prevention education to local residents.

Keywords: land use change, landform, geospatial information, Kodaira City