

Indonesia Cultural Mapping Experience by Using Remote Sensing and GIS Technology

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SUMMARY

Indonesia Cultural Mapping Experience By Using Remote Sensing and GIS Technology This article represent summary of culture mapping activity which conducted by cooperation among the Ministry of Culture and Tourism and the National Coordinating Agency for Survey and Mapping (BAKOSURTANAL). However, as this activity is for the whole of Indonesia, this paper will focussed only on the mapping of Borobudur and Sangiran archaeological sites activity. These mapping activity represent one of agenda in World Site Heritage Cultural Mapping in Indonesia, since 2003.

As the national development rapidly growth, we have to think wiser that the archaeology site is also included as national asset that must be protected. Even the development system in this time has included the cultural pillar in order to national development execution. The use of Geographic Information System technology (GIS) in Indonesia at the moment is still be limited for the elementary mapping only and some certain thematic application. This limitation is, perhaps, caused by the lack of socialization GIS into wide area of application, particularly in archaeology area.

By using remote sensing data and GIS, the Ministry of Culture and Tourism with BAKOSURTANAL, try to conduct some mapping of archaeology site. These include the activity of World Site Heritage Cultural Mapping in some places. The archaeological site which being promoted to become World Site Heritage are Borobudur temple, Prambanan temple, and Sangiran site, and those area will be digitally mapped and also has digital data base.

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