

Scheme for Enriching Authoritative Geospatial Information using Participatory Mapping Data in Indonesia

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SUMMARY

This paper examines the scheme to enrich Indonesian National Mapping Agency's geospatial information using participatory mapping data. Following the enactment of Geospatial Information Act in 2011, participatory mapping data, organization and its activities became a subject matter to resolve. The Act also appointed national mapping agency to provide spatial data of Indonesia and become the major institution in governing geospatial information. As the national mapping agency experienced lacking of resource to fulfill the obligation, the discourse to utilize participatory mapping data emerged. Extensive study of the Act and its derivative, supported by interview to the related parties in participatory mapping activities carried out to explore the possibilities of authoritative spatial data enrichment using participatory mapping data. The quantity and additional detail of participatory mapping data show potential to perform data collaboration between participatory mapping organization and national mapping agency. Furthermore, the authoritative spatial data enrichment becomes a significant part of building a framework of a partnership between national mapping agency and participatory mapping organizations under the Act authority.

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