

Implementation of One Map Policy for Building National Land Cover Map in Indonesia

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SUMMARY

National land cover maps in Indonesia are still produced by several ministries /agencies, this condition results in map discrepancy among ministries/agencies. To avoid this problem, One Map Policy as mandated in the law of geospatial information to the Agency of Geospatial Information (BIG) is implemented. The strategy to implement one map policy is by establishing Working Group of Thematic Geospatial Information (IGT WG), which has members coming from related ministries/agencies and other stakeholders such as experts from universities and non-governmental agency. Through IGT WG, the national standard of land cover/use for land cover mapping has been developed. The concept of the national standard of land cover classification uses FAO land cover classification and modifies classification system of ISO 19144-1 geographic information. Currently, BIG cooperating with the related Ministries/Agencies are developing one map for the national land cover with the scale of 1: 250.000. The result of the one map for the national land cover developed is the national standard of land cover map used in Indonesia for answering the strategic issues such as for climate change effect, food security, and national spatial planning.