

One Map Policy of Indonesia: Status, Challenges, and Prospects

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SUMMARY

The One Map Policy of Indonesia (OMP) is the program to integrate and synchronized the thematic maps of Indonesia to have one georeference, one standard, one database, and one geoportal. This program is regulated by the Indonesian Presidential Regulation no. 9/2016 regarding the acceleration of the implementation of One Map Policy on 1:50.000 scale map accuracy, issued on 4 February 2016. The program handles 85 thematic maps of 19 ministries and agencies and covers 34 provinces in Indonesia.

The program consists of four main stages, namely compilation, integration, synchronization, and data sharing. At the compilation stage, 85 thematic maps that have been produced by ministries and agencies were compiled and verified. The validated thematic maps are then integrated with the standard base map. Integrated thematic maps sometimes still contain several problems, such as overlapping land use permits and inconsistencies with existing spatial plans. All these problems are resolved at the synchronization stage. Since this stage is usually quite complicated and takes time to resolve, the process of sharing the OMP products is carried out after the integration stage is completed. Data sharing is done using a geoportal managed by the Indonesian Geospatial Information Agency, especially for participating ministries and agencies, as well as all provincial and local governments.

The integrated and synchronized thematic maps of OMP should be used by the central and local governments as a reference, among others, for improving the quality of spatial planning and land use, resolving land-use conflicts, natural resources management, the realization of sustainable development goals, and disaster risk reduction management.

The status of OMP will be presented in this paper, especially the achievements related to

integration, synchronization, and data sharing activities. Problems and challenges encountered during the program execution are also discussed. The ongoing initiative for further strengthening of OMP is also explained.

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