

Newly Development Thailand Mineral Information System Based on International Standard

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Department of Mineral Resources, Thailand (DMR), had developed and setup a centralized database since 2004 by company consultant and commercial software. This initial database aimed to gather all available and distributed data of the department for internal and public uses. Either the data entry system or the data query/display system was developed. A decade development revealed that only the data entry system was practically success. The query/display system, however, required technical improvement. So we have to plan to allocate budget for system maintenance and improvement every year.

In 2011-2012, Japanese government provided project assistance in both financial and technical support to develop ASEAN mineral resources database and information system. This system that is currently called AMDIS is operated by the Working Group on Mineral Information and Database (WGMID) of ASOMM. DMR has participated to the project as national representative and active working group. The participation leads to knowledge and technical implementation to DMR.

After this project DMR realizes that the commercial software is not the best solution for disseminate all spatial information because annual budget has to allocate for maintenance. Besides, DMR believes that this implementation is a sustainable principle to disseminate all spatial information to public via WMS/WFS/WPS compliant with OGC standard should be an incentive point for future development. Therefore all lesson learns on this case may provide example for decision making of other organization.

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