

Indonesia Still Lacks Geospatial Information Human Resource

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Indonesia still lacks of Geospatial Information human resource. According to Head of HR Development and Industry of Geospatial Information Agency (BIG), Dr. Sumaryono, currently the need for human resource reaches 33,414, but the existing ones are only 11,084.

“It is predicted that by year 2024 the need will reach up to 40,743,” Sumaryono said in a socialisation of work competence standards for Geospatial Information at Merapi Auditorium, Faculty of Geography UGM on Wednesday (23/11).

The areas that need more human resource are remote sensing, photogrammetry, geography information system, territorial survey and cartography. Number of surveyors of Indonesia is 5,500 or second after the Philippines, but the Indonesians are still unlicensed.

In his opinion, BIG and higher learning needs to make efforts to encourage human resource development in Geospatial Information based on competence. “But, it needs harmonisation between HR competence need and curriculum for formal and non-formal education,” he said.



Lecturer of Faculty of Geography UGM, Drs. Projo Danoedoro M.Sc., said there was still a gap between commands of technical skills and theoretical concepts on applications that are not accommodated in the Indonesian National Work Competence Standard. Curriculum developments should do this and cover more on competence command.

“What needs to be included in the curriculum should be more on measured technicalities, not knowledge command,” he said.

Geodetical lecturer, Dr. Harintaka S.T., M.T., further explained recent technologies to be used for geospatial information, such as ALS, or mapping from space with wider scope.

“There is even the mobile mapping already developed by Google,” he added.

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