

Updates on Development of Nationwide Geospatial Data Management

by
Asep Karsidi

Submitted to the Second High Level Forum on
Global Geospatial Information Management
Doha, Qatar
4-6 February 2013

ABSTRACT

This presentation draws on several institutional and technological perspectives to produce reliable geospatial information; to promote geospatial information inter-organizational data sharing, and their role in collaborative development management. The presentation focussed on the update of implementation of GI Law, experiences of selected coordination of government agencies for basemap production, developing geospatial supports center and planned coordination together with non-government organization to serve geospatial information with quality to the citizens;

The progresses gives special attention to geographic information, which often requires special handling and promises particularly important influences on organizations and joint policy-making. It also seeks to understand the interdependence between institutions and technical aspects of geographic information infrastructures.

The initial strategy is an organizational arrangement of three levels of government agencies that are building networked information-sharing systems for the joint protection of large area (state, provincial, and municipal). These cases richly illustrate the challenges and benefits of designing flexible standards, development organizational structures for Spatial Data Infrastructure (SDI) nodes, and adjusting decision-making processes to depend on shared geographic information. Further strategy is to develop networked service for digital orthoimageries and location-based correction with GPS Continuous Operating Reference System (GPS CORS), suggests that shifting the focus of information sharing from datasets to data services is becoming increasingly feasible, but all organizations may need to adapt to new forms of information sharing. Together, these findings suggest an expanded view of standards as layered, strategic choices; and of organizations in complex, interdependent relationships.