UN-GGIM MEMBER STATE - PROFILE

Indonesia

Region South Asia
UN-GGIM Regional Body UN-GGIM Asia-Pacific
Participation Active, August 2016
Mapping/GGIM Organization Geospatial Information Agency of Indonesia

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Organizational Features

GIM Program NSDI and Integration of Geospatial Information
GIM Policy ONE MAP POLICY
GIM Legislation Geospatial Information Act No.4/2011
GIM Strategy/Plan Embed Geospatial Information in Planning, Budgetting, Implementation, Monitoring and evaluation
GIM Web address http://tanahair.indonesia.go.id/

Leadership Distributed on each member of Network Node and centralized on portal an catalogue. Distributed Node Connected and Distributed Network Nodes

Staff 40 persons
Specific GIM Budget about USD 5 million
Government Entities Ministries, Government institutions, Army, Police, Local government
Private Sector Oracle, Esri, Indonesian private companies

Data and Standards

Fundamental Data Availability Wall-to-wall base map of Indonesia at the scale of 1:50K as ‘one reference’ which will be freely downloaded from BIG website.
**Data Sets Administrative**  Administrative Boundary, Geology, Hydrography, hypsography, cadastre, Spatial references, toponyms

**Standards**  Issuance of additional 26 National Standard on mapping and surveying as part of ‘one standard’, including standard on the establishment of Geospatial Information Service Development Agency and participant mapping

**Web/Portal Services**  [http://tanahair.indonesia.go.id/](http://tanahair.indonesia.go.id/) and [http://portal.ina-sdi.or.id/](http://portal.ina-sdi.or.id/)

**Data Access Policies**  Public, inter-government and private

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## Technical Infrastructure

**Geodetic Infrastructure**  Tidal Network, Geodetic Network (Horizontal and Vertical), Gravity Networks, CORS Network

**ICT Infrastructure**  Data Center, Inter Government, Private Network

**Hardware Platform**  Desktop, Server, High Processing parallel computing

**GIM Software Platform**  RDBMS, Web service and map service

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## Projects

**Project 1**  NSDI Development

**Organisation**  Geospatial Information Agency

**Project Objectives**  Establishing NSDI in Indonesia

**Funding**  JICA Loan

**Duration**  4 years

**Achievements**  Geospatial Data products of Sumatra

Establishment Geospatial Data Center

Establishment Geospatial Data Sharing by implementing One Map policy

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## Challenges and Needs

I. Increasing the speed of providing base geospatial data in the scale of 1:5000

II. Integrating a lot of thematic geospatial data and information produced by different government institutions.

III. Establishing national geospatial information Network, through DNN of the central institutions/ministries and local governments in Indonesia.