

**REGULATION OF THE PRESIDENT OF THE REPUBLIC
OF INDONESIA No. 85/2007**

ON

THE NATIONAL SPATIAL DATA NETWORK

WITH THE GRACE OF GOD THE ALMIGHTY

THE PRESIDENT OF THE REPUBLIC OF INDONESIA,

CONSIDERING :

- a. that Spatial Data as the data having relationship to spatial matters has not been optimally utilized yet by the government as well by the community;
- b. that Spatial Data is required by the government institutions and the community to improve the quality of decision making in different aspects of national development;
- c. that the implementation of development of Spatial Data which is well arranged and managed structurally,

transparently and integratedly in a national network, is an important effort to provide the facilities for exchanging and disseminating spatial data among others to the government institutions and the community;

- d. that based on the considerations as specified in points a, b, and c, it is necessary to enact a presidential regulation concerning the National Spatial Data Network

INVIEW OF : Article 4 section (1) of the 1945 State Constitution of the Republic of Indonesia.

HAS DECIDED :

**TO STIPULATE : PRESIDENTIAL REGULATION ON THE
NATIONAL SPATIAL DATA NETWORK**

ARTICLE 1

For the Purpose of this Presidential Regulation the terms here below shall mean as follows:

- a. the National Spatial Data Network, hereinafter referred to as NSDN, is a system of managing Spatial Data collectively, orderly, measurably, integratedly and sustainably.

- b. The Spatial Data is the data resulted from measurements, recording, and imaging activities of certain spatial features located beneath, on, or above the earth surface where the location is referred to the national coordinate system.
- c. The Network Node is an institution responsible for implementing the acquisition, maintenance, update, exchange of certain Spatial Data.
- d. The Network Node Connector is an institution, which implements the national integration of the network nodes.
- e. The Clearing Unit is one of the Working Units in the Network Node, which is assigned as the operator of Spatial Data exchange and dissemination.
- f. Metadata is a brief information on spatial data which provides identification, quality, organization, reference, entity, distribution, citation, time, and data reference.
- g. The Indonesian National Standard is a standard issued by the Bureau of National Standard and applied nationally.

- h. Spatial Data Specification is a description containing technical matters in order to achieve special objectives and a detail explanation of the special characteristics of Spatial Data.

ARTICLE 2

NSDN is carried out through electronic based information network infrastructure.

ARTICLE 3

NSDN serves as :

- a. A tool for exchanging Spatial Data, and
- b. A tool for disseminating Spatial Data

ARTICLE 4

NSDN consists of Network Nodes and a Network Node Connector

ARTICLE 5

The Network Nodes as specified in Article 4 consist of as follows:

- a. Departments, ministries, and non-departmental government institutions that implement governmental tasks in the field of:
 1. Surveys and Mapping;
 2. Lands;
 3. Home Affairs;
 4. Transportation;
 5. Communication and Information;
 6. Public Works;
 7. Statistics;
 8. Culture and Tourism;
 9. Energy and Natural Resources
 10. Forestry;
 11. Agriculture
 12. Marine and Fishery Affairs;
 13. Meteorology and Geophysics; and
 14. Aeronautics and Space
- b. Provincial Local Governments
- c. District / city Local Governments

ARTICLE 6

In implementing NSDN, the Network Nodes have the tasks to:

- a. Collect, maintain and update the Spatial Data;
- b. Exchange and disseminate Spatial Data under its mandate;
- c. Provide Spatial Data that is accessible to public pursuant to the prevailing laws and regulations
- d. Establish Spatial Data access system which is integrated into the NSDN access system
- e. Perform coordination among Spatial Data stakeholders in their respective fields and submit Spatial Data and metadata to the respective Clearing Unit;
- f. Develop guidelines and technical standards of Spatial Data in the respective field

ARTICLE 7

- (1) Besides the tasks as specified in Article 6, to implement the NSDN, every Network Node as specified to in Article 5 shall prepare the following Spatial Data:
 - a. Geodetic control networks, national geoid; aerial photo coverage, hypsography,

- bathymetry, coastlines, utilities, land cover, land system, sea-bed cover, and other Spatial Data related to surveys and mapping field;
- b. Basic cadastral network and land parcels, land use, land value zoning, land characteristics, and other Spatial Data related to land field;
- c. International boundary of the Unitary Republic of Indonesia, governmental administrative boundaries, toponymy, and other Spatial Data related to home affairs field;
- d. Transportation and other related Spatial Data to transportation field;
- e. Postal code areas, and other Spatial Data related to communication and information field;
- f. Road network, water bodies/hydrology, built-up areas, drinking water network, waste management installation, and spatial planning, and other Spatial Data related to public works field;
- g. Cultural environmental areas, and other Spatial Data related to culture and tourism field;

- h. Statistical data collecting regions and result of statistical activity and other Spatial Data related to statistics field;
 - i. Mining holders, geology, mineral resources, exploration seismic, gravity, logging of drilling wells and hydrogeology and other Spatial Data related to energy and mineral resources field;
 - j. Forest areas and biodiversity, and other related Spatial Data to forestry field
 - k. Soil classification, and other spatial data related to agricultural field
 - l. Oceanography and other Spatial Data related to marine and fishery field;
 - m. Climate and geophysics and other Spatial Data related meteorology and geophysics field, and
 - n. Satellite imagery coverages and other spatial data related to aeronautics and space.
- (2) Local government of provinces and local government sub-provinces (districts/cities) as Network Nodes as specified in Article 5 a, b and c, shall prepare spatial data according to each of their respective mandates

ARTICLE 8

- (1) The Spatial Data as specified in Article 7 must comply with the Indonesian National Standard;
- (2) In the case that the Indonesian National Standard is not available yet, the Spatial Data specifications produced by the Network Node must temporarily be used
- (3) The use of temporarily Spatial Data specifications as specified to in section (2) must be informed through the network node connector.
- (4) The use of temporarily Spatial Data specifications as specified to in section (2) is decided by the leader of the Network Node for three years at the longest.

ARTICLE 9

The Network Node Connector as specified in Article 4 is carried out by the National Coordination Agency for Surveys and Mapping (BAKOSURTANAL)

ARTICLE 10

In the implementation of NSDN, the Network Node Connector has the tasks to:

- a. build the NSDN access system;
- b. facilitate the Spatial Data exchange
- c. maintain NSDN access system, and
- d. provide support and assistance for the Network Nodes.

ARTICLE 11

- (1) To carry out the tasks of the Network Nodes in the case of Spatial Data exchange and dissemination as specified to in Article 6 b., each Network Node leader should establish a Clearing Unit;
- (2) The Clearing Unit as specified to in Section (1), has the task to:
 - a. disseminate the metadata and Spatial Data to the public, and
 - b. submit the metadata to the Network Node Connector

ARTICLE 12

Expenses for the implementation of NSDN are charged to the budget for Network Node and Network Node Connector, respectively

ARTICLE 13

This Presidential Regulation takes effect at the date of its enactment.

Drawn up in Jakarta
On August 3, 2007
PRESIDENT OF THE REPUBLIC OF INDONESIA

Dr. H. Susilo Bambang Yudhoyono



**REGULATION OF THE PRESIDENT OF THE REPUBLIC
OF INDONESIA NO. 85/2007**

ON

THE NATIONAL SPATIAL DATA NETWORK

**Deputi Bidang Infrastruktur Data Spasial
BAKOSURTANAL**

Jl. Raya Jakarta –Bogor Km.46 Cibinong

Telp/Fax (021) 87904762

Email : debids@bakosurtanal.go.id