

QUESTIONNAIRE ON THE CURRENT STATUS OF SPATIAL DATA INFRASTRUCTURE IN ASIA AND THE PACIFIC REGION

The questionnaire is intended to take stock of the current status of National Spatial Data Infrastructure (NSDI) of the Asia and the Pacific countries/regions. The information collected will eventually be used to promote the sharing of geospatial data/information/service of the member countries. The results of this questionnaire will be collated and disseminated to the related countries.

Please submit the completed questionnaire and any attachments in electronic format to Ms. JIANG Jie (E-mail: jjie@nsdi.gov.cn) by **1 August 2016** at the latest. You may also submit additional material by fax at +86-10-63881219.

Thank you in advance for your input.

PART I: Background Information

Please provide the following information on the person filling the questionnaire:

| | |
|---|--|
| Name of person filling the questionnaire: | |
| Position Title | |
| Department of the Organization | |
| Name of the Organization | |
| Website of the Organization | |
| Country/Region | |
| Postal Address | |
| Telephone number | |
| Fax number | |
| E-mail | |

PART II: Organization and Law on National Spatial Data Infrastructure

1. What's the name of the National Mapping Agency (NMA) in your country/region?
2. Is the NMA responsible for develop the NSDI and provide services based on the NSDI?
Yes No

If the NMA is not responsible for these, please indicate the relevant agency/s that are responsible.

3. Is there any Laws or Policies related to development, application of NSDI have been issued in your country/region?

Yes No

If Yes, please list the name of the Laws and Policies, and provide the content of them in separated documents.

4. Is there any standards related to the NSDI, such as data content, data model, metadata, service protocol, etc., have been issued in your country/region?

Yes No

If Yes, please list the name of the standards, and provide the content of them in separated documents.

5. Please list the government agencies, industries that might be involved in the development, application of NSDI in your country/region.

PART III: Data Contents and formats in your NSDI

6. Please indicate if the following features are included in your NSDI.

| | | |
|----------------------------------|------------------------------|-----------------------------|
| Control Points | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Road | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Railway | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Water | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Administration area and boundary | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Land Cover | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

| | | |
|-----------------------------|------------------------------|-----------------------------|
| Residential area | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Building and Structure | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Pipelines | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Contour and elevation point | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Place Name | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Point of Interests | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Named Areas | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Land Parcels | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Others (please list below) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

7. Please indicate if the following data types are included in your NSDI.

| | | |
|----------------------------|------------------------------|-----------------------------|
| Digital Topographic Data | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Digital Ortho-photo Map | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Digital Surface Model | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Digital Elevation Model | Yes <input type="checkbox"/> | No <input type="checkbox"/> |
| Others (please list below) | Yes <input type="checkbox"/> | No <input type="checkbox"/> |

8. What Coordinate Referencing System is used in your NSDI?

9. At what scales are topographic digital data and/or map products (or series) produced and maintained? Choose the categories closest to your scales if they are different to those suggested below.

| | | |
|------------------------|--------------------------|--------------|
| 1: 500 or greater | <input type="checkbox"/> | covered area |
| 1: 1000 | <input type="checkbox"/> | covered area |
| 1: 5000 | <input type="checkbox"/> | covered area |
| 1: 25 000 | <input type="checkbox"/> | covered area |
| 1: 50 000 | <input type="checkbox"/> | covered area |
| 1:100 000 | <input type="checkbox"/> | covered area |
| 1:250 000 | <input type="checkbox"/> | covered area |
| 1:500 000 | <input type="checkbox"/> | covered area |
| 1:1 million or smaller | <input type="checkbox"/> | covered area |

10. At what resolutions are digital ortho-photo map products (or series) produced and maintained? Choose the categories closest to your scales if they are different to those suggested below.

| | | |
|---------------------|--------------------------|--------------|
| 5 meter or lower | <input type="checkbox"/> | covered area |
| 2.5 meter | <input type="checkbox"/> | covered area |
| 1 meter | <input type="checkbox"/> | covered area |
| 0.5 meter or higher | <input type="checkbox"/> | covered area |

11. Is there a national Digital Elevation Model available?

Yes No

If applicable, show the resolution and coverage of any sub-national DEM products.

12. Is there a national Digital Surface Model available?

Yes No

If applicable, show the resolution and coverage of any sub-national DSM products.

PART IV: Access to the NSDI

13. Do the data have restricted access or limited circulation for public in your country/region?

Yes No

If so, can you indicate the rules?

14. Do the data have restricted access or limited circulation for other country/region?

Yes No

If so, can you indicate the rules?

15. Please list the feature catalogues/scales/resolutions that can be accessed by public?

16. Please list the feature catalogues/scales/resolutions that can be accessed by other countries/regions?

17. Are the data free of charge for public use?

Yes No

18. Are they free of charge to governmental institutions or scientific researches?

Yes No

PART V: On-line access and sharing of NSDI

19. Can the data be ordered or accessed on-line?

Yes No

20. Do you provided any on-line services based on these data?

Yes No

21. Do your on-line services follow OGC Web Service Standards?

Web Coverage Service Yes No

Web Feature Service Yes No

Web Map Service Yes No

Web Map Tile Service Yes No

Web Coverage Processing Service Yes No

Web Map Context Yes No

Web Processing Service Yes No

Others (please list below)

22. Do you have a national portal for geo-information service based on NSDI?

Yes No

If Yes, please provide the URL of the portal.

23. Do you plan to build a national portal for geo-information service based on NSDI?

Yes No

If Yes, please describe your plan here briefly.

24. Have you signed any agreements with foreign countries/regions or international organizations on sharing data/ service based on NSDI?

Yes No

If Yes, please describe the agreements here briefly.

25. Have you shared any data/service with other countries/regions for regional sustainable development?

Yes No

If Yes, please describe the shared data catalogue here.

26. Are you interested in sharing data/service with other countries/regions under certain agreement for regional sustainable development? If Yes, please indicate the possible manner listed below.

Yes No

Data Yes No

Some of the Data Yes No

On-line Services Yes No