

QUESTIONNAIRE
ON
THE CURRENT STATUS OF MAPPING IN THE WORLD

The questionnaire is intended to take stock of the current status of mapping in the world. The information collected will eventually be used to develop country profiles, good practices and lessons learned in the dissemination and use of geospatial data. The results of this questionnaire will be collated and disseminated to countries.

Please submit the completed questionnaire and any attachments in electronic format to Mr. Amor Laaribi (E-mail: Laaribi@un.org) or to Ms Vilma Frani (Frani@un.org) by **1 June 2012** at the latest. You may also submit additional material by fax at +1-212-963-9851.

Thank you in advance for your input.

Steps to follow in checking a box:

1. Left double-click on the box
2. Select "Checked" for default value
3. Click "OK".

PART A: BACKGROUND INFORMATION

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

Name of person filling the questionnaire:
Functional title:
Institution, department or unit:
Country:
E-mail:
Persons/Institutions consulted:

PART B: National Topographic Mapping Coverage

1. 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.

Category: I	1: 1000 or greater	<input type="checkbox"/>
II	1: 5000	<input type="checkbox"/>
III	1: 25 000	<input type="checkbox"/>
IV	1: 50 000	<input type="checkbox"/>
V	1:100 000	<input type="checkbox"/>
VI	1:250 000	<input type="checkbox"/>
VII	1:500 000	<input type="checkbox"/>
VIII	1:1 million or smaller	<input type="checkbox"/>

In each case indicate the reference datum used.

2. If possible, provide indexes that show the coverage of these data and/or maps by category in graphic form.

If possible, distinguish between the age of available maps and/or data (e.g. 1yr, 2yrs, 3yrs, 4 to 7yrs, 8 to 15yrs, over 15yrs), state the year of publication¹

3. Do the maps and/or data have restricted access or limited circulation?

Yes No

If so, can you indicate why and to whom?

4. Are the maps and/or digital data sold to the public?

Yes No

Or are the maps and/or digital data free of charge?

Yes No

Are they free of charge to governmental institutions or certain stakeholders?

Yes No

What maps or data are available on the web, and are they free?

¹ Even if we know that this may be difficult to do so for the digital data.

If applicable, could you indicate what pricing model is being applied to the map products and the digital data?

5. Is there a cycle of map and data revision by:

- Complete mapping ie. revision of a national series
- Mapping of changed features or themes across the national series
- Mapping of changed features as they are detected on an ad-hoc basis

Is the data revision reflected across all map/data scales indicated in Question 1?

Yes No

If not, state the revision cycle for each map and/or data scale

6. By what methods is national data revision and map updating undertaken (if multiple methods, please indicate):

- Field surveys
- Aerial photography
- Photogrammetric
- Satellite imagery
- Third party data and/or sources
- Crowd sourcing by volunteers and/or other means

If there is a prevalent method of mapping by category I to VIII for each map scale, please indicate for each.

7. Is mapping and map updating done in-house or by outsourcing?

In-house Outsourcing

Where applicable, can you describe the activities, processes and mechanisms by which the outsourcing is conducted?

PART C: National Imagery Acquisition

8. Does a national aerial photography acquisition program exist? Yes No
Do you have a domestic aerial imagery capability? Yes No
Or is it obtained internationally? Yes No
Is imagery flown at regular time intervals? Yes No
Is analogue or digital photography used? Analog Digital

9. Does a national satellite imagery acquisition program exist? Yes No
Do you have a domestic satellite imagery capability? Yes No
Or is it obtained internationally? Yes No
Is satellite imagery acquired systematically at regular time intervals? Yes No
Or is satellite imagery acquired on an 'as needs' basis? Yes No

10. Do you acquire and/or use other imagery types (such as LiDAR, Radar, IFSAR, etc.)?
Yes No

If so, can you please indicate coverage and resolution? (For example: LiDAR along the coastal strip at 15cm pixel resolution).

11. Are any of these new imagery acquisition types (such as LiDAR) being used for the generation of digital elevation models (DEMs), digital terrain models (DTMs), and/or digital surface models (DSMs)? State pts/m² and the coverage in km² if possible.
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12. Are orthophotos and orthophotomaps produced?

Yes No

At what scale?

If possible, show coverage and age at different scales in graphical form.

13. Is there a national digital elevation model (DEM) available?

Yes No

If applicable, show the resolution and coverage of any sub-national DEM, DTM and DSM data and/or products.

14. Do you produce, or is there the intention to produce, 3D urban and rural landscape models and/or product visualization?

Yes No

PART D: National Surveying and Cadastral Coverage

15. Are there licensed surveyors operating in the country?

Yes No

16. Is there national coverage of cadastral maps and/or data available?

Yes No

Is the National Mapping Agency (NMA) responsible for surveying and/or land titles and cadastre?

Yes No

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

17. What are the cadastral maps and data used for:

- Land registration
- Titles
- Conveyancing
- Taxation
- Other

18. Are the cadastral maps based on geodetic control?

Yes No

If so which reference system is being used?

19. Are the property boundaries monumented in the field?

Yes No

20. How are the property maps and/or data updated?

21. Could you list the number of government officials and private surveyors active in cadastral surveys?

PART E: Organization

22. Are the national topographic mapping, imagery acquisition, surveying and cadastral programs funded by your national Government?

Yes No

23. Are you able to provide the annual mapping budget of the National Mapping Organization?

Yes No

24. What is the number of mapping staff in the Organization, and what is the technical/administration mix?

25. Are there any regulatory or institutional arrangements in place that mandates your organization to fulfil the role as the lead mapping agency in your country?

Yes No

If so, could you briefly describe them?

26. In terms of approximate percentages (%) how are all of the different map and data products mentioned above delivered? Consider the following channels:

Percentage (%)

- _____ Hard copy paper maps
- _____ Digital data
- _____ Data and products downloaded online
- _____ Via web services

27. What is the method of archival for the national data sets?
