



## Economic and Social Council

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### **Tenth United Nations Conference on the Standardization of Geographical Names**

New York, 31 July – 9 August 2012

**Item 11 (c) of the provisional agenda\***

**Toponymic data files and gazetteers:**

**Data maintenance**

The Toponymic data base in Algeria

Submitted by Algeria\*\*

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\*\* Prepared by the National institute of Cartography and Remote Sensing/ Algeria (INCT)

**The Toponymic data base in Algeria**  
**National institute of Cartography and Remote Sensing/ Algeria (INCT)**

**Introduction:**

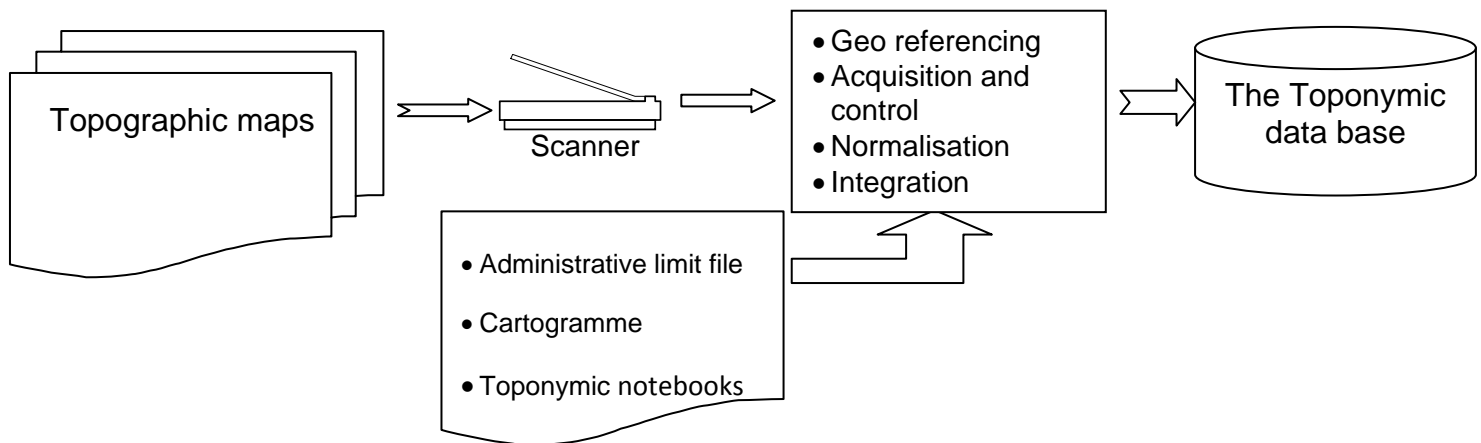
The Toponymic data base in Algeria includes the descriptive information (whole name: Generic & Specific Name, Type of entity,...), coordinates (Latitude, Longitude), the administrative assignment (Commune, Wilaya,..) of the geographical names as well as their source (Map, scale of the map, works field,...).

**Objectives:**

The establishment of a national data base toponymic permitting on the one hand, the management and the manipulation of toponymic information for internal and external applications of the National Institute of Cartography and Remote Sensing (INCT) and on the other hand, the normalization of the Algerian toponyms.

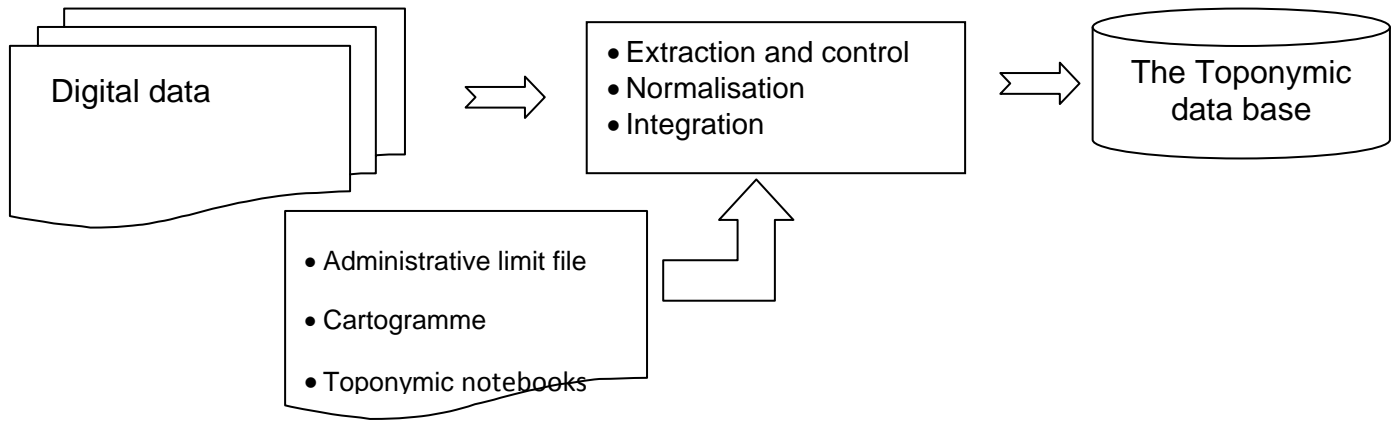
**Adopted methodology:**

The retained method for the acquisition of toponyms with their coordinates from old maps at small scale (1:200 000, 1:500 000, 1:1000 000) is summarized by the following diagram:



*Process of toponyms acquisition from old cartographic data*

For maps made with a digital process, notably the base at scale 1:50 000, the adopted method is as illustrated by the following diagram:



*Process of toponyms acquisition from the digital data*

**State of advancement:**

All existing toponyms on the old cartographic data in small scale have been integrated. The table shows the number of maps and toponyms per scale. However, the acquisition and the integration of the existing toponyms on maps made with a digital process is in progress.

Scale	Number of the maps	Number of the toponyms	Observation
<b>1/1000 000</b>	17	8702	All the national territory
<b>1/500 000</b>	37	11649	All the national territory
<b>1/200 000</b>	234	36504	All the national territory
<b>1/50 000</b>	812	127124	The North part of the national territory
	<b>Total</b>	<b>183979</b>	

*Situation of the Toponymic data base as to April 27, 2012*

**Applications of the Toponymic data base:**

Several applications of the Toponymic data base are planned:

- The normalization of toponyms in Algeria;
- The utilization by the national commission of the toponymie for the normalization of the national toponyms;
- Storage and management of toponymic information in the National institute of Cartography and Remote Sensing (INCT);
- The integration of toponymic data base in the topographic data base and in the process of the topographic and thematic map editing;
- Diffusion of toponymic information for different users (students, researchers,...).