United Nations Statistics Division

Central Statistical Office of Trinidad

CARICOM

2010 World Population and Housing Census Programme

Sub-regional Workshop on Census Management and Mapping with GIS
Port-of-Spain, Trinidad and Tobago
22 – 26 October 2007

Final Agenda

Monday, 22 October 2007	

8:00 – 9:00 **Registration of participants**

9:00 – 10.00 **Opening remarks and administrative matters**
(CSO Trinidad, CARICOM, UNSD)

10:00 – 10:30 *Coffee Break*

10:30 – 12:00 **1. Review of United Nations** *Principles and Recommendations for Population and Housing Censuses*

> Presentation of revised international standards for conducting population and housing censuses.
> – **Presentation by UNSD**
> – **General discussion**

12:00 – 13.30 *Lunch Break*

13:30 – 15:00 **2. Census Management & Planning**

> Presentation of international recommendations on census management and planning, and quality assurance.
> – **Presentation by UNSD**
> – **General discussion**

15:00 – 15:30 *Coffee Break*

15:30 – 17:00 **3. Census Management & Planning (continued) and the 2010 World Population and Housing Census Programme**

	Continuation of last session and presentation on UNSD programme of work and web-site. UNSD questionnaire on country census activities distributed.

- – **Presentation by UNSD**
- – **General discussion**

Tuesday, 23 October 2007

9:00 – 10:00	**4. Review of Expert Group Meeting (EGM) on Contemporary Practices in Census Mapping and Use of Geographic Information Systems (GIS)**

	Presentation of the report of the EGM held in May 2007 in New York assessing the current state of the art of the use of contemporary technologies in countries

- – **Presentation by UNSD**
- – **General discussion**

10:00 – 10:30	*Coffee Break*

10:30 – 12:00	**5. Analysis of Questionnaire sent to Countries by UNSD and Discussion on the situation of Census Mapping with GIS in the participating countries**

	Presentation of the findings from the questionnaire disseminated prior to the workshop followed by general discussion on the situation of census mapping using GIS in participating countries, as well as associated issues and difficulties and restraining factors for the use of this technology

- – **Presentation by UNSD**
- – **General discussion**

12:00 – 13:30	*Lunch Break*

13:30 – 15:00	**6. Introduction to GIS Fundamentals/ GIS Database design**

	Presentation on GIS concepts, definitions, and characteristics, geographic databases modelling, and data structure (vector vs. raster); pre-requisites to and instructions on how to build a GIS project.

- – **Presentation by UNSD**
- – **General discussion**

15:00 – 15:30	*Coffee Break*

15:30 – 17:00	**7. Data Collection and Data Conversion**

Presentation on different data collection methods such as GPS, imagery acquisition, and local knowledge as well as data conversion such as scanning or digitizing; introduction to a GIS platform; exercise on Heads-up Digitizing.

– **Presentation by UNSD**
– **Participant Exercise #1**
– **General discussion**

18:00 – 20:00	**COCKTAIL (hosted by CSO Trinidad and Tobago)**

Wednesday, 24 October 2007

9:00 – 10:00	**8. Spatial Statistics Applications & Issues and the use of Geospatial Technologies**

Practical examples of delineating EAs (EA creation and splitting); advantages and constraints of these technologies with regard to the production of EA maps.

– **Demo by ESRI**
– **Participant Exercises #2 and #3**

10:00 – 10:30	*Coffee Break*

10:30 – 12:00	**9. Demonstration of Spatial Statistics Applications**

Presentation giving practical examples of geocoding from direct collection using GPS, geocoding features in a GIS, and establishing coding schemes; advantages and constraints of these technologies with regard to geocoding.

– **Presentation by UNSD**
– **Demo by ESRI**
– **Participant Exercise #4**
– **General discussion**

12:00 – 13:30 *Lunch Break*

13:30 – 15:00	**10. Demonstration of Spatial Statistics Applications (continued)**

Presentation giving practical examples of segmentation using object oriented technology, commercial GIS platforms as well OpenSource technologies.

	–	**Presentation by UNSD**
	–	**Participant Exercise #4 (cont.)**
	–	**General discussion**

15:00 – 15:30   *Coffee Break*

15:30 – 17:00   **11. Dissemination Issues**

> Presentation on the added value of GIS in relation to dissemination with maps, graphs and tables; DevInfo demonstration.

– **Presentation by UNSD**
– **Participant Exercise #5**
– **General discussion**

Thursday, 25 October 2007

9:00 – 10:00   **12. Case studies of National Experiences:**

> Presentation of national experiences on the use of contemporary practises in census mapping using GIS, GPS, remote sensing or in other new technologies (PDA).

– **Presentation by Trinidad-and-Tobago**
– **Presentation by Saint Lucia**
– **General discussion**

10:00 – 10:30   *Coffee Break*

10:30 – 12:00   **13. Case studies of National Experiences (continued)**
– **Presentation by Bermuda**
– **General discussion**

12:00 – 13:30   *Lunch Break*

13:30 – 15:00   **14. Case studies of National Experiences (continued)**
– **Presentation by St Kitts & Nevis**
– **General discussion**

15:00 – 15:30   *Coffee Break*

15:30 – 17:00   **15. Census Management & Planning for the use of geographic information systems**

> Presentation on the institutional and organizational issues related to commercial and non-commercial technologies and purpose and responsibilities in the selection of geospatial statistics technologies.

- **Presentation by UNSD**
- **Presentation by ECLAC**
- **Presentation by CARICOM**
- **General discussion**

Friday, 26 October 2007

9:00 – 10:30   **16. Commercial suppliers' demonstrations**

Presentation by commercial providers of GIS/Remote sensing solutions for censuses.

- **Presentation by ESRI**
- **Presentation by Trimble**
- **General discussion**

10:30 – 11:00   *Coffee Break*

11:00 – 1:00   **17. Review and adopt report, conclusions and recommendations**
- **Presentation by Rapporteur**