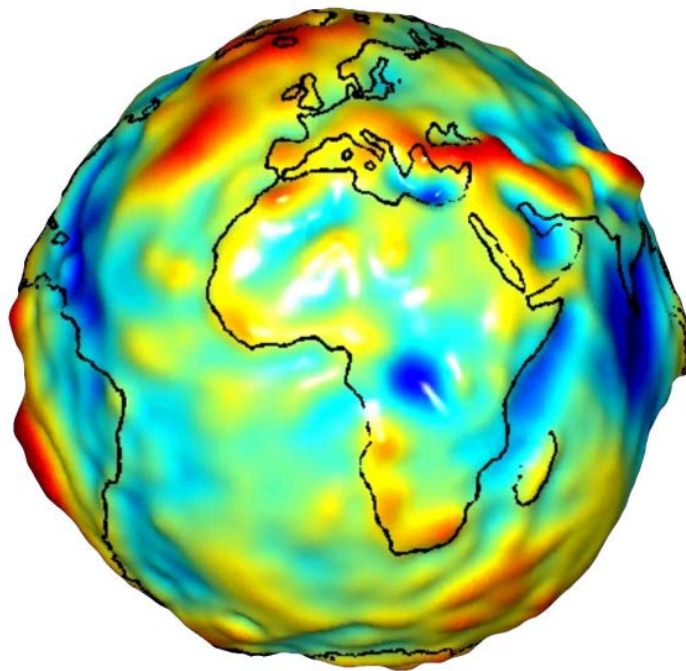


**Project for the Strengthening of Spatial Data
Infrastructures in Member States and Territories of
the Association of Caribbean States**

Capacity building programme

Geodesy



December, 2014

AGENDA

The address for capacity building course is located at Héroe de Nacozari Sur 2301, Fracc. Jardines del Parque c.p. 20276, Aguascalientes in INEGI's capacity building.

Monday 8, December 2014

TIME (HRS.)

8:30 – 9:00	Welcome reception
9:00 – 9:30	Opening remarks
9:30 – 9:45	Diagnostic evaluation
9:45 – 10:00	Coffee break
10:00 – 10:15	Photo
10:15 – 11:30	Lecture 1-Introduction to Geodesy
11:30 – 13:00	Lecture 2- Celestial methods
13:00 – 13:30	Lunch
13:30 – 15:00	Practical 1- Azimuth determination
15:00 – 15:10	Coffee Break
15:10 – 16:30	Lecture 3- Gravity

Tuesday 9, December 2014

TIME (HRS.)

8:30 – 10:30	Practical 2- Gravity models and gravity data
10:30 – 10:40	Coffee break
10:40 – 12:40	Lecture 4- Traditional geodetic datums
12:40 – 13:10	Lunch
13:10 – 14:10	Lecture 5- Working on ellipsoids and projections
14:10 – 15:10	Practical 3- Ellipsoidal computations and projections
15:10 – 15:20	Coffee break
15:20 – 16:30	Practical 3- Continue

Wednesday 10, December 2014

TIME (HRS.)

8:30 – 10:00	Lecture 6- Terrestrial reference frames
10:00 – 10:10	Coffee break
10:10 – 12:00	Practical 4- ITRF
12:00 – 12:30	Lunch
12:30 – 13:30	Guided visit in INEGI
13:30 – 15:00	Lecture 7- Working on ellipsoids and projections
15:00 – 15:10	Coffee break
15:10 – 16:30	Practical 5- CORS data

Thursday 11, December 2014

TIME (HRS.)

8:30 – 11:00	Lecture 8- Defining a local reference frame
11:00 – 11:10	Coffee break
11:10 – 12:10	Practical 6- Information to accompany modern datums
12:10 – 12:40	Lunch
12:40 – 14:40	Lecture 9- Heighting systems
14:40 – 14:50	Coffee break
14:50 – 16:30	Practical 7- Heighting

Friday 12. December 2014

TIME (HRS.)

8:30 – 10:00	Lecture 10- Datum transformation methods
10:00 – 10:10	Coffee break
10:10 – 12:10	Practical 8- Parameters and software for datum transformations
12:10 – 12:40	Lunch
12:40 – 14:10	Lecture 11- Determining transformation parameters
14:10 – 15:40	Practical 9- Datums and transformation in ArcGIS
15:40 – 15:50	Coffee break
15:50 – 16:30	Summary