



I . I . R . S . A

INICIATIVA PARA LA INTEGRACION DE LA INFRAESTRUCTURA REGIONAL SURAMERICANA

C O M I T E D E C O O R D I N A C I O N T E C N I C A



GEOSUR PROGRAM

Induction Workshop on the Use of Online Geographic Services and
GeoSUR Applications in Territorial Planning

Venue: IDB/INTAL
Raúl Prebisch Meeting Room
Buenos Aires, Argentina

August 27th - 28th, 2009

AGENDA

AUDIENCE

The workshop is mainly addressed to IIRSA National Coordinators. It may be attended by development planners and economists working for governmental agencies concerned with the task of identifying and preparing investment projects as well as by other experts appointed by National Coordinators.

No specific technical knowledge is required to participate in the workshop.

OBJECTIVES

- Get to know the basic functionalities offered by geographic information systems for territorial planning.
- Acquire the basic capacities required to access and use geographic data and maps online.
- Acquire the basic skills required to use the geoservices developed by GeoSUR for IIRSA project planning.

WORKSHOP AGENDA

Thursday, August 27th

- 09:30 – 10:00 **Brief Introduction to the GEOSUR PROGRAM**
Review of the Program's objectives, scope, institutional framework, products and achievements.
- 10:00 – 11:00 **Introduction to SIG and Spatial Data**
Introduction to the geographic information system (SIG, in Spanish), review of its functionality, description of the spatial data involved and explanation of its potential use within IIRSA.
- 11:00 – 11:15 Break
- 11:15 – 12:30 **Introduction to SIG and Spatial Data (cont.)**
- 12:30 – 14:00 Lunch
- 14:00 – 15:30 **Regional Map Service (SRM, in Spanish) of the GeoSUR Program**
Review of its basic functions and interface. An exercise designed for database query and search purposes. Free use of the tool.
- 15:30 – 15:45 Break
- 15:45 – 18:30 **Regional Map Service (SRM, in Spanish) of the GeoSUR Program (cont.)**

Friday, August 28th

- 09:30 – 10:00 **Conclusions Drawn from the Topics Dealt With on Thursday**
- 10:00 - 11:00 **GeoSUR GeoPortal**
Review of its basic functions and interface. Review of data search and metadata query mechanisms. Functionality for catalog managers. Metadata collection process. Use of the geoportal viewer for maps and other basic functions. Free exercise for beginners to interact with the geoportal and its map viewer.
- 11:00 – 11:15 Break
- 11:15 – 12:30 **GeoSUR GeoPortal (cont.)**

12:30 – 14:00 Lunch

14:00 – 15:30 **GeoSUR Relief Data Service**

Review of the geoservice prototype. Use of the models included in the service and drawing of derived maps of relief and other related products (ex.: analysis of visibility, altitudinal profile, shaded relief maps, critical slope maps). Downloading data and demonstrating its use in the local SIG.

15:30 – 15:45 Break

15:45 – 17:30 **Access to Spatial Data Online**

Introduction to other services offering access to South American maps and spatial data: Google Earth, C ndor, national geoportals, Geospatial One Stop (USA). Interaction of GeoSUR geoservices with Google Earth and ArcGIS Explore.

17:30 – 18:30 **Free Access to All Systems and Evaluation**

Participants will use freely several geoservices and applications shown at the workshop. At the end of the session, each participant will fill out a form to indicate potential improvements to GeoSUR geoservices as well as another form to evaluate the workshop.