

GEOSUR PROGRAM

Workshop on Introduction to the Use of the GeoSUR Geoservices



Buenos Aires, August 27th-28th, 2009

Eric van Prang., Jesus Suniaga.

Andean Development Corporation (Corporación Andina de Fomento - CAF, in Spanish)

Workshop Profile

- **Dates:** August 27th-28th
- **Place:** Conference Room of the INTAL
- **Time:** 9:30 a.m. to 6:30 p.m.
- **Instructors:** Jesus Suniaga and Eric van Prang (CAF).
- **Audience:** IIRSA National Coordinators, planning specialists, CCT members and members of other institutions invited to the workshop.

Objectives of the Workshop

- To learn about the basic functionalities that the geographic information services offer for the territorial planning and zoning.
- To acquire the basic skills that are necessary to have access to and use maps and geographic data in the Internet.
- To acquire the basic skills that are necessary to use the geoservices developed by GeoSUR in the planning of the IIRSA projects.

Topics to be addressed (1)

1. Introduction to the Geographic Information Systems

Introduction to the geographic information systems, revision of their functionality, description of the special data they manage and explanation of their potential uses within the framework of the IIRSA.

2. Regional Map Service (SRM, in Spanish) of the GeoSUR Program

Use of the SRM to visualize IIRSA projects, search projects, revise the geographic environment of new projects and consult regional maps of interest.

3. GeoSUR Geosite

Use of the Geosite to consult maps of South American national institutions, revise data of these maps, integrate information through borders, correct maps of IIRSA projects, etc.

Topics to be addressed (2)

4. GeoSUR relief data geoservice

Use of the models incorporated to the service and creation of elevation-derived maps and many related products (e.g.: visibility analysis, creation of altitudinal profiles, shaded relief map, critical slope map). Downloading of data and demonstration of its use in local SIG.

5. Access to special data in the Internet

Introduction to other services that offer access to maps and special data in South America: Google Earth, C3ondor, national geosites, Geospatial One Stop (USA). Interaction of the GeoSUR geoservices with Google Earth and ArcGIS Explore.

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Thank you very much!!!

Buenos Aires, August 25th, 2009