



WORKSHOP / TRAINING

REGIONAL WORKSHOP: SOUTH AMERICA

15-19 Nov 2004

QUITO, ECUADOR

The workshop was organized by FAO with the financial and technical support of the United Nations Environment Programme (UNEP), the Government of Italy and the Government of the Netherlands. The workshop was hosted by SI-GAGRO-CLIRSEN with the support of FAO Representation in Ecuador.

COUNTRIES

The workshop was intended for technical individuals from national institutes involved in land cover mapping. 33 participants from 12 countries attended the workshop:

- Argentina
- Bolivia
- Brazil
- Chile
- Colombia
- Ecuador
- Paraguay
- Peru
- Suriname
- Trinidad & Tobago
- Uruguay
- Venezuela

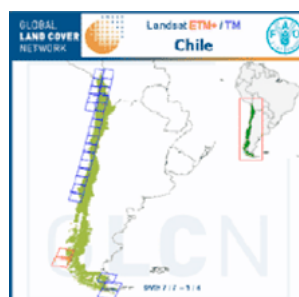


GOALS

This initiative aimed to provide participants, who were mainly officials from national institutes involved in land cover mapping, with training on land cover mapping, LCCS and other geo-information technologies, which can be used on both national and regional projects. The workshop was also used to initiate regional collaborations on GLCN projects.

DATA DISTRIBUTION

During the workshop, the GLCN staff distributed to the participants the national coverages of Landsat images (MSS, TM and ETM+ sensors, all bands) and Shuttle Radar Topography Mission (SRTM)-based elevation data to participants. Data distribution was undertaken under the outreach activities programme promoted by GLCN for its members.



1. LANDSAT IMAGERY

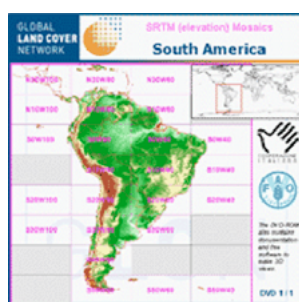
The coverage for South America of Landsat images takes almost 2720 scenes and about 500 GB of file size (see the table below).

The figure on the left shows one sample DVD cover. Larger countries such as Argentina and Brazil had their images distributed using external hard disks.

Scenes (No.) Size (GB)	ETM		TM		MSS		TOTAL	
Argentina	179	54	187	30	178	4	544	87
Bolivia	68	18	70	11	51	1	189	30
Brazil	397	103	454	66	137	3	988	172
Chile	92	27	90	15	60	2	242	44
Colombia	73	19	85	13	0	0	158	32
Ecuador	23	6	21	4	0	0	44	10
Falkland	5	1	0	0	0	0	5	1
French Guiana	10	3	11	2	0	0	21	4
Guyana	20	6	18	3	0	0	38	8
Paraguay	32	9	30	4	31	1	93	13
Peru	77	20	91	14	15	0	183	35
S. Geo/S. Sand	2	1	0	0	0	0	2	1
Suriname	11	3	13	2	0	0	24	5
Uruguay	16	5	17	3	28	1	61	8
Venezuela	63	17	65	10	0	0	128	27
TOTAL	1 068	290	1 152	175	500	11	2 720	477

2. SRTM MOSAICS

The coverage for South America of SRTM mosaics takes 8 and about 1.5 GB of compressed ARC/INFO grid files. The figure on the right shows the Southern America DVD cover for SRTM data. The DVD also includes



- an ESRI ArcView project
- country boundaries and index files for SRTM and Landsat data
- a free software for rendering elevation and overlapping images (static 3D view)
- various documents supporting the use of the data.