



GLCN Global Land Cover Network Workshop

Montevideo, Uruguay, 4-15 May, 2009



AGENDA

Monday 4-5-2009

GLCN methodology and Land Cover mapping

Morning

- GLCN overview
- LCCS2 - basic classification concepts
- Segmentation – theory and procedure
- MadCat software – basic tools

Afternoon

- MadCat installation and practical exercises

Tuesday 5-5-2009

Analysis tools: MadCat software

Morning

- NDVI raster tool, automatic clustering, change analysis, dot grid

Afternoon

- Practical training with some tiles extracted from the Landsat coverage of Uruguay

Wednesday 6-5-2009

Standards, legend and MAP software

Morning

- Cartographic standards
- MAP software for accuracy assessment
- LCCS - training exercise on building a new legend; steps to follow in LCCS software.

Afternoon

- Presentation of the image mosaic of Uruguay (Radex format)
- Practical exercise with the segmented Landsat images (Montevideo)

Thursday 7-5-2009

LCCS preliminary legend

- Discussion over the existing legend and set up of a preliminary one (main land cover groups: Agriculture and Urban)

Friday 8-5-2009

LCCS Preliminary legend

Morning

- Discussion over the existing legend and set up of a preliminary one (main land cover group: Natural Vegetation, Bare areas and Water).
- Presentation of existing land cover data to use as ancillary information by some participants

Afternoon

- Advanced Database Gateway (ADG) software presentation
- Discussion with the group to define:
 - *cartographic standards for the mapping (MMA – variable MMA)*
 - *steps to start up the image interpretation*
 - *phases for the finalization of the land cover database (matching, merging, topology check, GIS processing)*
 - *timetable for production chain*

Monday-Friday 11/15-5-2009

“On job training”.

- Distribution of image segmentations to the interpreters.
- Finalization of preliminary legend by correcting existing classes or creating new ones.
- Image interpretation (4 working groups). Example of interpretation strategies are illustrated.
- Discussion on the results of each group's interpretation.
- Preparation of photo keys using high resolution images from Google Earth.
- Practise the use of ADG to analyze land cover data sets.
- Discussion and revision of the timetable/deadlines.