GlobCorine land cover map 2009 – ReadMe

This zip file contains a raster version of the GlobCorine land cover map for the period from **January 2009 to December 2009**.

The map is in geographic coordinates in a Plate-Carrée projection (WGS84 ellipsoid). The extent of the map is given by the following coordinates:

- o Upper left corner: 75°N, 20°W
- o Lower right corner: 25°N, 65°E

Comprehensive explanatory notes of the GlobCorine project and product (method, legend and validation) are summarized in two documents provided:

- **Product Description Manual** (GLOBCORINE2009_LC_PDM_1.3.pdf)

- **Product Description & Validation Report** (GLOBCORINE2009_DVR_2.1.pdf)

You will find the following files within the zip file (**GlobCorine_LC_200901_200912.zip**) in addition to this "ReadMe" file:

1. GLOBCORINE_LC_200901_200912.tif

This is the full resolution data in GEOTIFF format (LZW compressed), where the ID values stand for the land cover classes values. Also a coloured 3-band Geotiff is provided, named GLOBCORINE_LC_200901_200912_Color.tif .

2. GlobCorine2009_Legend.xls

The Excel file contains the legend of the land cover map. The ID values of the GEOTIFF raster are linked with the corresponding land cover labels and RGB codes.

3. GlobCorine2009_Preview.jpg

4. GlobCorine2009_Legend.lyr / .avl / .dsr

These files contain the color map of the GlobCorine land cover, in an ARC/INFO format (.lyr), in an ArcView format (.avl) and in an Envi format (.dsr).

Copyright notices:

Notes for ARC users

ARC/INFO users (version 8.3 and later) can display the GlobCorine map in color using the .lyr legend file:

- Add the raster in ArcMap.
- Right-click on the raster and open the properties.
- Click on the symbology tab.
- Choose "unique values" as image rendering mode.
- Import the .lyr legend file which will attach colour code for each class.

In ArcGis, the color display requires that the user does not build pyramids when displaying the raster.

ARCVIEW users can display the GlobCorine map in color using the .avl legend file:

- Decompress the raster (ArcView does not support LZW compression).
- Add the raster in ArcView.
- Save the raster as "grid" and add the grid to the view.
- Double-click on the grid theme in the table of content to open the legend editor.
- Load the .avl legend file and choose as field "value". Each GlobCorine class is now associated with its GlobCorine color code.

Notes for ENVI users

ENVI users can display the GlobCorine map in color using the .dsr files:

- Open and load the raster in ENVI.
- In the tools menu, go to "color mapping" and select "Density Slice".
- Select the GlobCorine raster as input band.
- In the density slice window, go to "file" and click on "Restore Ranges".
- Load the .dsr file and apply to the GlobCorine map.