

# New features gvSIG 1.9

## Vectorial - Raster

**Mario Carrera**

Internationalization and communication coordinator

gvSIG Association

[mcarrera@gvsig.com](mailto:mcarrera@gvsig.com)



# Agenda

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- **New features gvSIG 1.9**
- gvSIG 1.9 vectorial
  - Symbology
  - Editing
  - Labelling
- gvSIG 1.9 raster
  - Supported formats
  - New features



## New features gvSIG 1.9

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- Symbology
- Labelling
- Editing
- Reference systems
- Raster
- Georeferencing
- Derived geometries
- Hyperlink
- Geoprocessing
- Icon set
- Quick info
- Quick print
- Selection on views
- Export/Import tables
- Statistic summary of tables
- Translation manager
- Order loading layers

# Agenda

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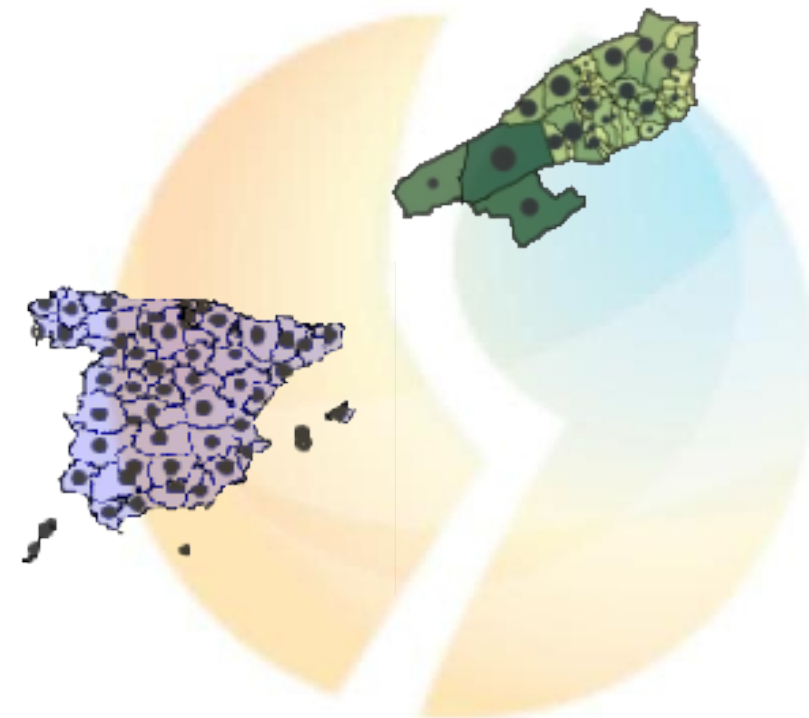
- New features gvSIG 1.9
- **gvSIG 1.9 vectorial**
  - **Symbology**
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# gvSIG 1.9 vectorial: Symbology

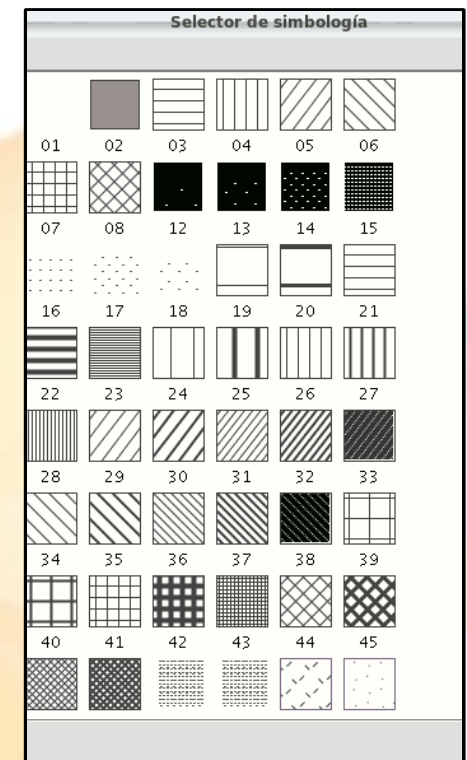
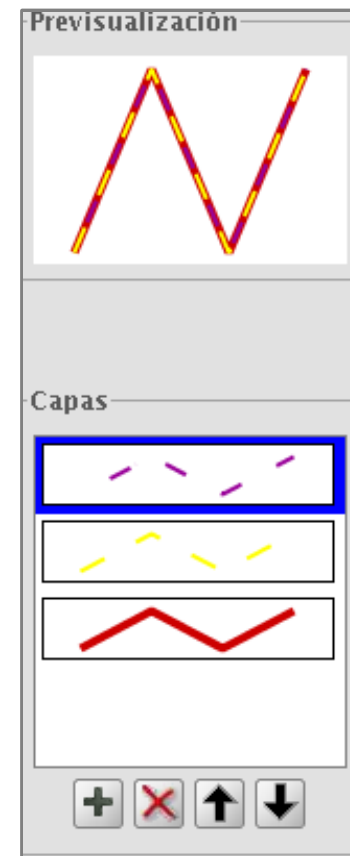
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- 5 new types of symbology
  - Expressions
  - Proportional symbols
  - Quantities by categories
  - Density of points
  - Graduated symbols



# gvSIG 1.9 vectorial: Symbology

- **Symbol editor**
  - Point
  - Line
  - Fill
  
- **Symbol library**



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# gvSIG 1.9 vectorial: Editing

- Matrix
- Scale
- Explode
- Join
- Split
- Auto-polygon
- Snapping

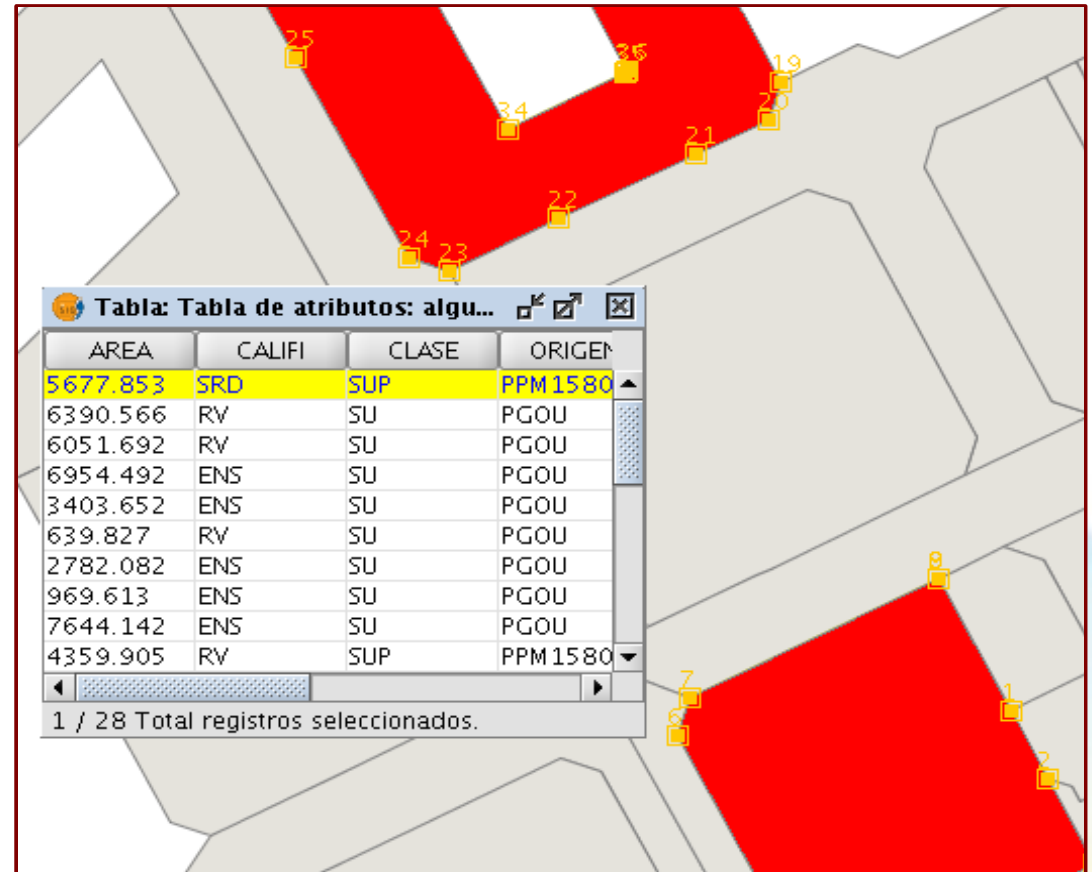





Tabla: Tabla de atributos: algu...   

AREA	CALIFI	CLASE	ORIGEN
5677.853	SRD	SUP	PPM1580
6390.566	RV	SU	PGOU
6051.692	RV	SU	PGOU
6954.492	ENS	SU	PGOU
3403.652	ENS	SU	PGOU
639.827	RV	SU	PGOU
2782.082	ENS	SU	PGOU
969.613	ENS	SU	PGOU
7644.142	ENS	SU	PGOU
4359.905	RV	SUP	PPM1580

1 / 28 Total registros seleccionados.



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  - New features

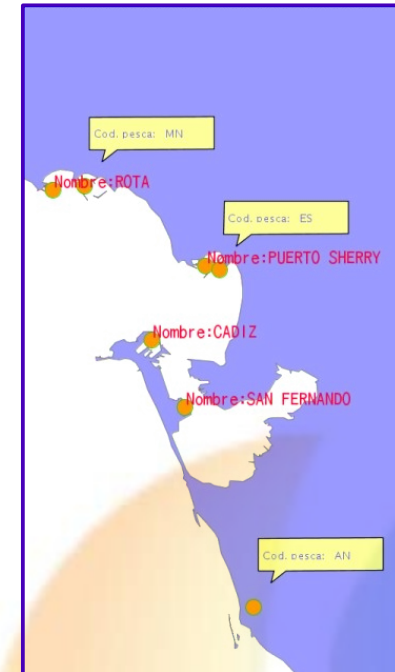


# gvSIG 1.9 vectorial: Labelling

- Labelling with an only class
- Labelling with several classes
- Labelling only selected elements (only one class)

For every type:

- Configuration of the class
- Visualization
- Placing



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## gvSIG 1.9 raster: Supported formats

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Supported raster formats on gvSIG 1.9 are the following:

- Ecw
- SID
- bmp (Microsoft)
- Gif (Graphics Interchange Format)
- tif / tiff
- jpg
- jp2 (JPG200 format)
- jpeg
- png (Portable Network Graphics)
- vrt (Gdal virtual header)
- dat (Envi)
- lan (Erdas)
- gis (Erdas)
- img (Erdas)
- pix (PCI Geomatics)
- aux (PCI Geomatics)
- adf (ESRI)
- Placing

# gvSIG 1.9 raster: Supported formats

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Supported raster formats on gvSIG 1.9 are the following:

- Mpr (Ilwis)
- mpl (Ilwis)
- asc (ArcInfo ascii grid)
- pgm
- ppm
- rst (IDRISIS)
- rmf (Raster Matrix Format. This format is different than the Raster Metafile of gvSIG, that can't be opened as a raster file). kap (Nautical Chart Format)
- hdr (Esri)
- raw
- nos

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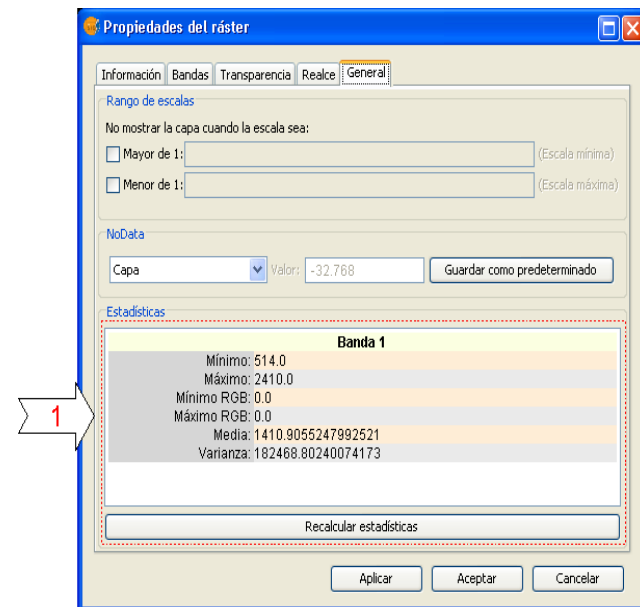


# gvSIG 1.9 raster: New features

- **Basic statistics**

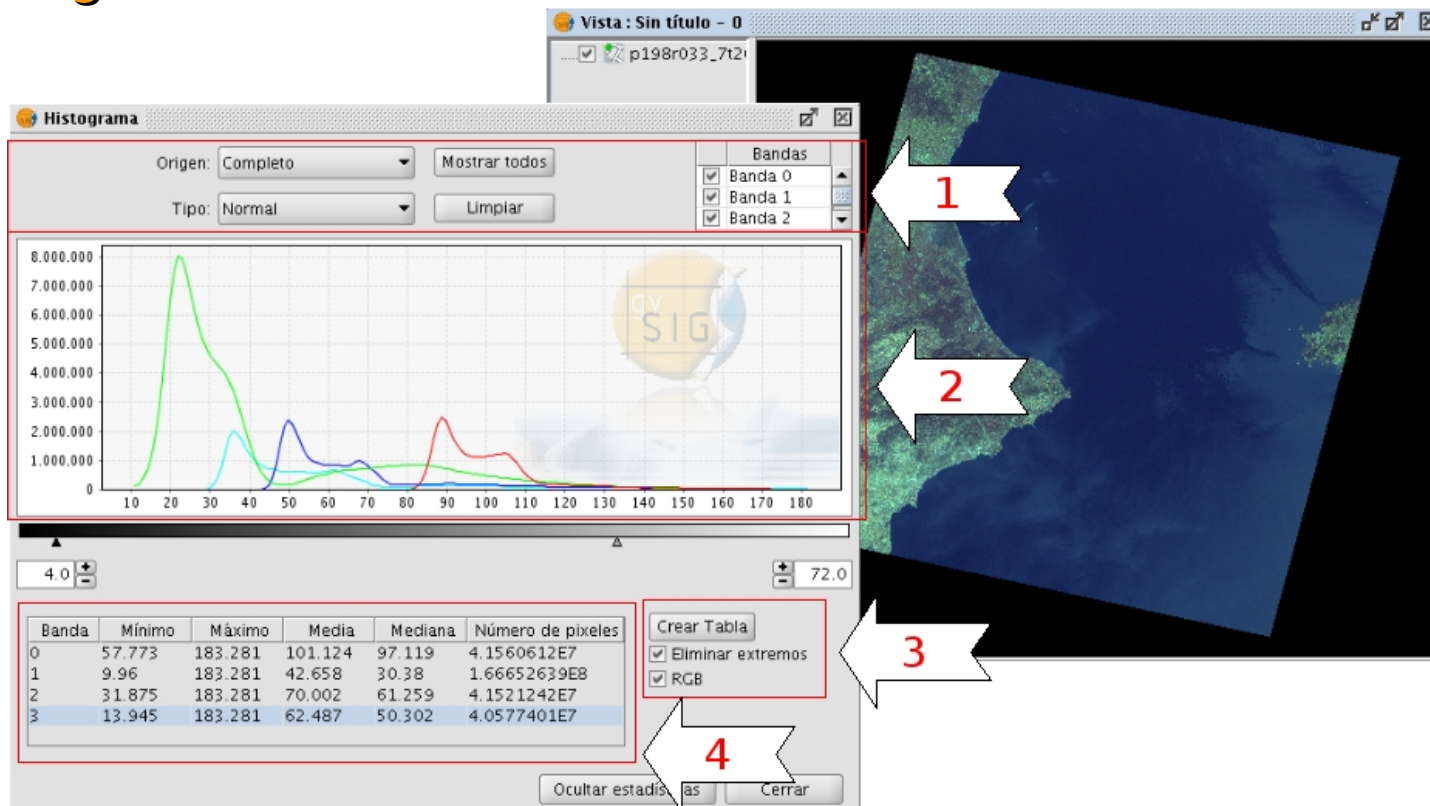
The statistics of a layer are shown by band. For every band we can see the following information:

- Minimum value of the band
- Maximum value of the band
- Minimum RGB value of the band
- Maximum RGB value of the band
- Average of the values
- Variance of the values



# gvSIG 1.9 raster: New features

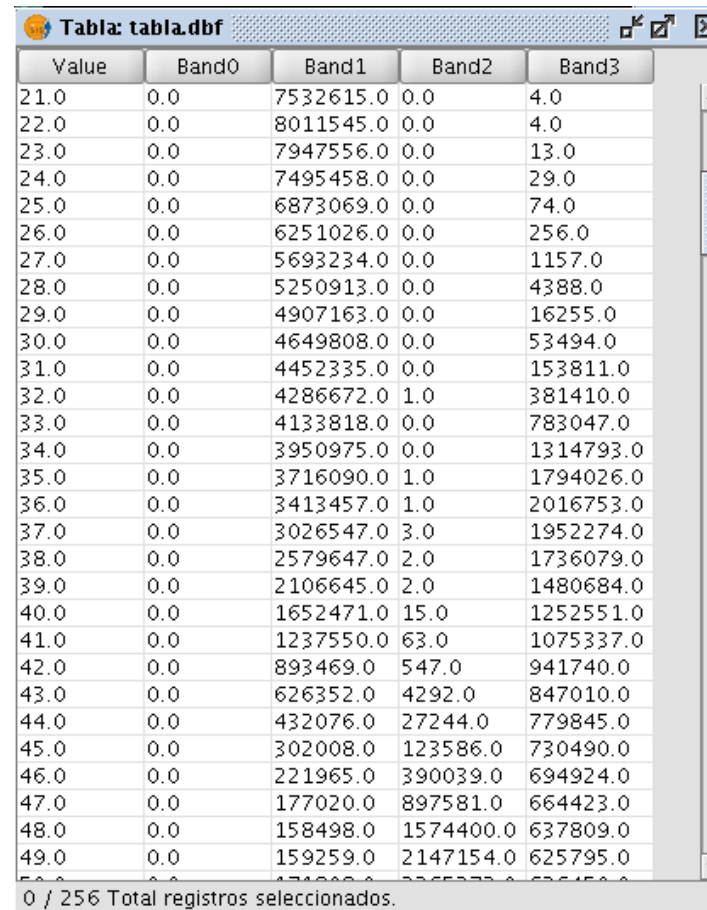
- Histograms





# gvSIG 1.9 raster: New features

- Export to DBF

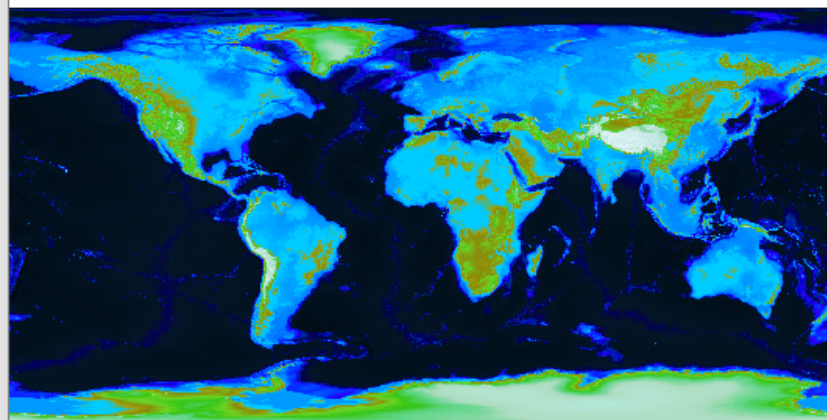
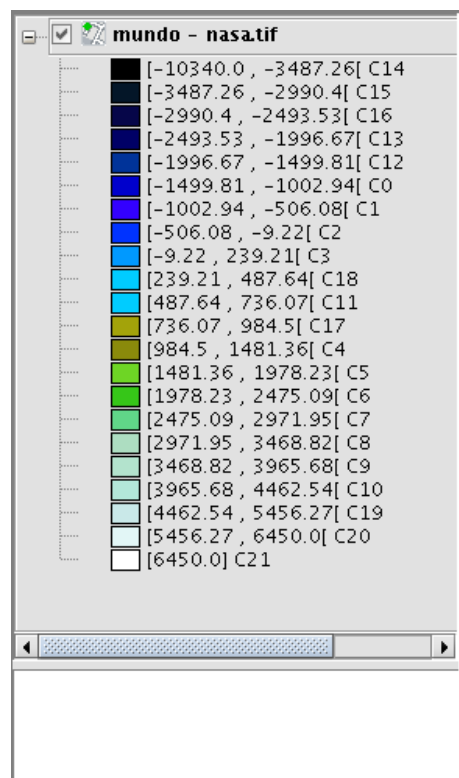


Value	Band0	Band1	Band2	Band3
21.0	0.0	7532615.0	0.0	4.0
22.0	0.0	8011545.0	0.0	4.0
23.0	0.0	7947556.0	0.0	13.0
24.0	0.0	7495458.0	0.0	29.0
25.0	0.0	6873069.0	0.0	74.0
26.0	0.0	6251026.0	0.0	256.0
27.0	0.0	5693234.0	0.0	1157.0
28.0	0.0	5250913.0	0.0	4388.0
29.0	0.0	4907163.0	0.0	16255.0
30.0	0.0	4649808.0	0.0	53494.0
31.0	0.0	4452335.0	0.0	153811.0
32.0	0.0	4286672.0	1.0	381410.0
33.0	0.0	4133818.0	0.0	783047.0
34.0	0.0	3950975.0	0.0	1314793.0
35.0	0.0	3716090.0	1.0	1794026.0
36.0	0.0	3413457.0	1.0	2016753.0
37.0	0.0	3026547.0	3.0	1952274.0
38.0	0.0	2579647.0	2.0	1736079.0
39.0	0.0	2106645.0	2.0	1480684.0
40.0	0.0	1652471.0	15.0	1252551.0
41.0	0.0	1237550.0	63.0	1075337.0
42.0	0.0	893469.0	547.0	941740.0
43.0	0.0	626352.0	4292.0	847010.0
44.0	0.0	432076.0	27244.0	779845.0
45.0	0.0	302008.0	123586.0	730490.0
46.0	0.0	221965.0	390039.0	694924.0
47.0	0.0	177020.0	897581.0	664423.0
48.0	0.0	158498.0	1574400.0	637809.0
49.0	0.0	159259.0	2147154.0	625795.0

0 / 256 Total registros seleccionados.

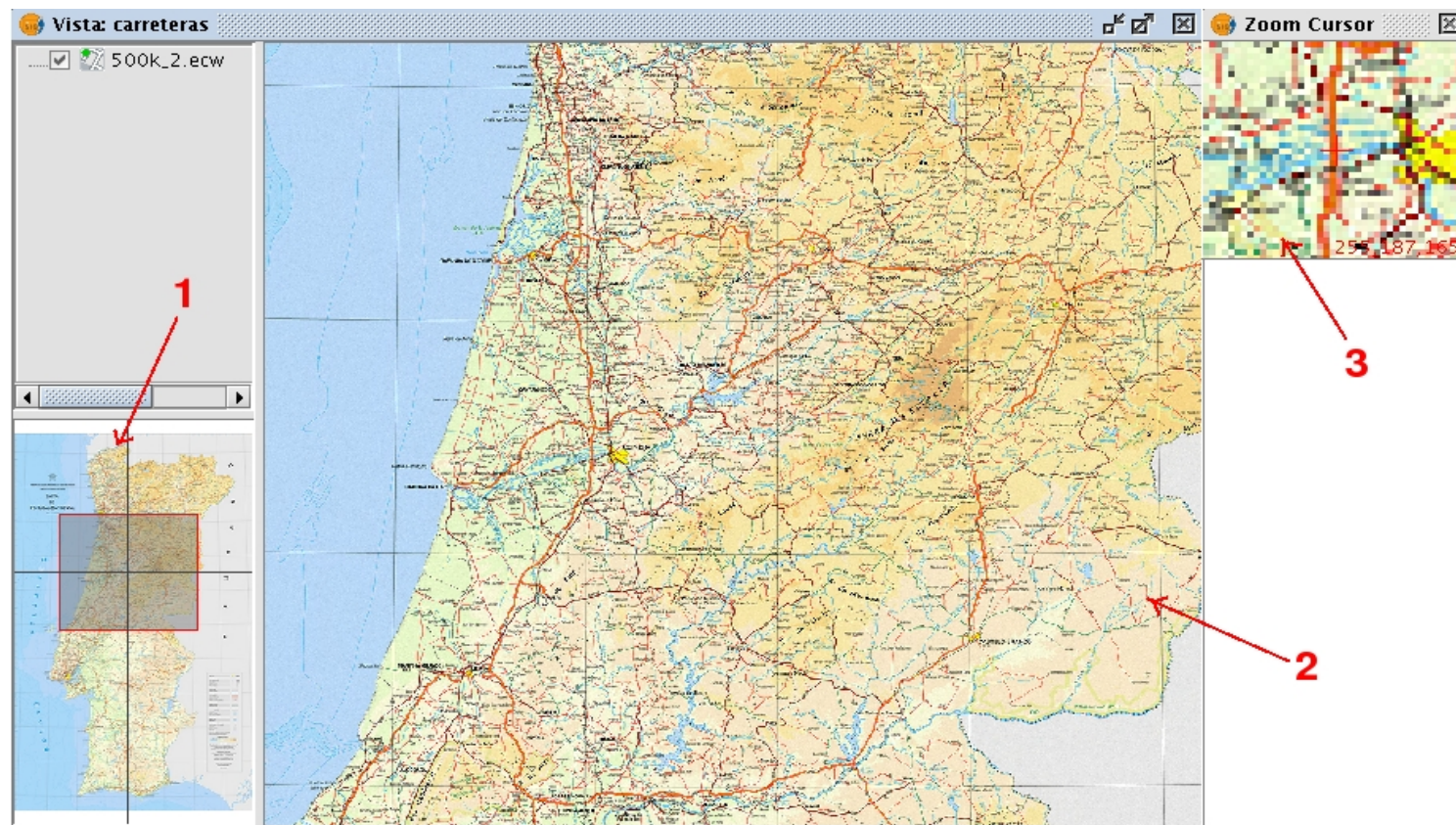
## gvSIG 1.9 raster: New features

- Color tables and gradients



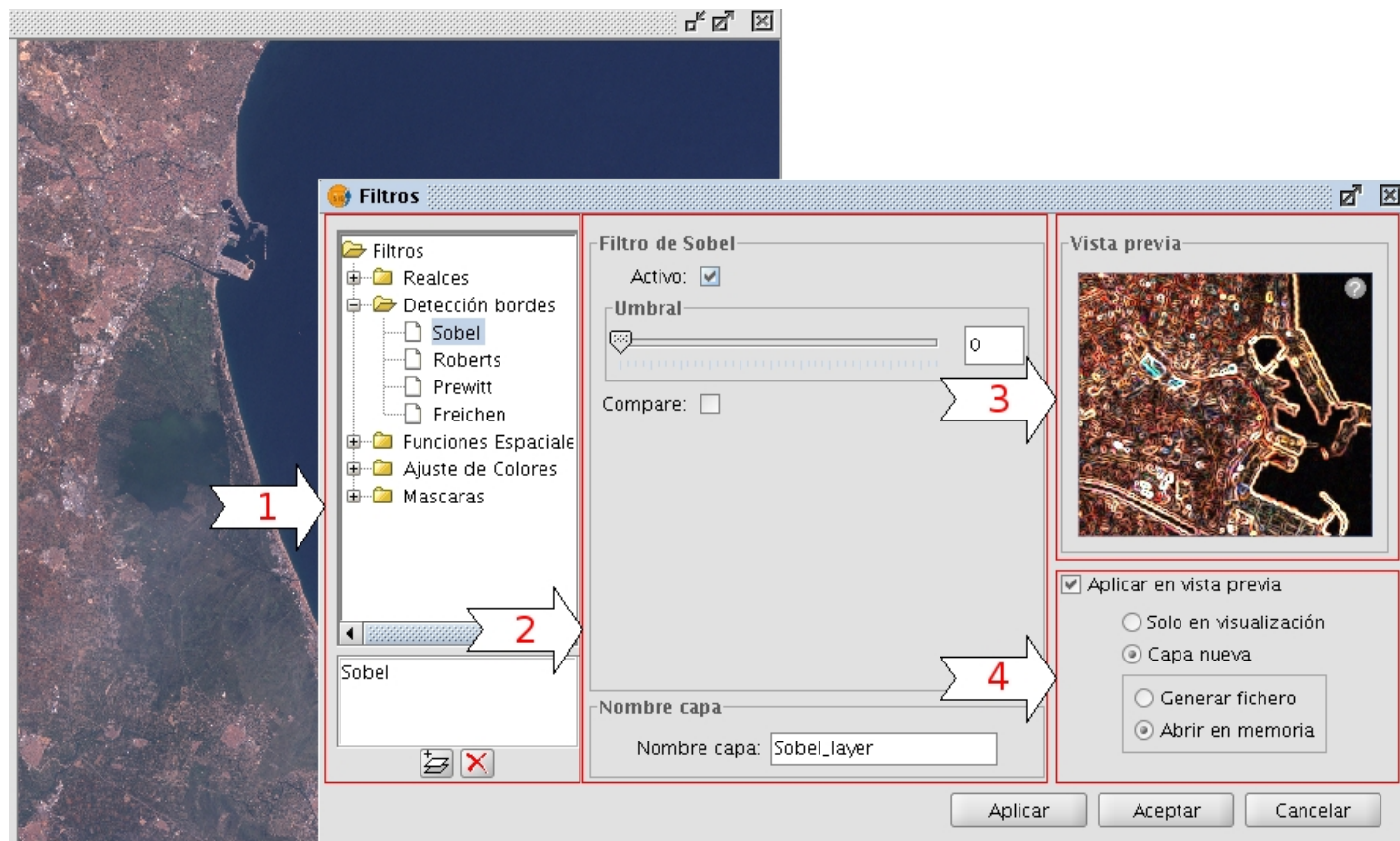
# gvSIG 1.9 raster: New features

- Analysis view



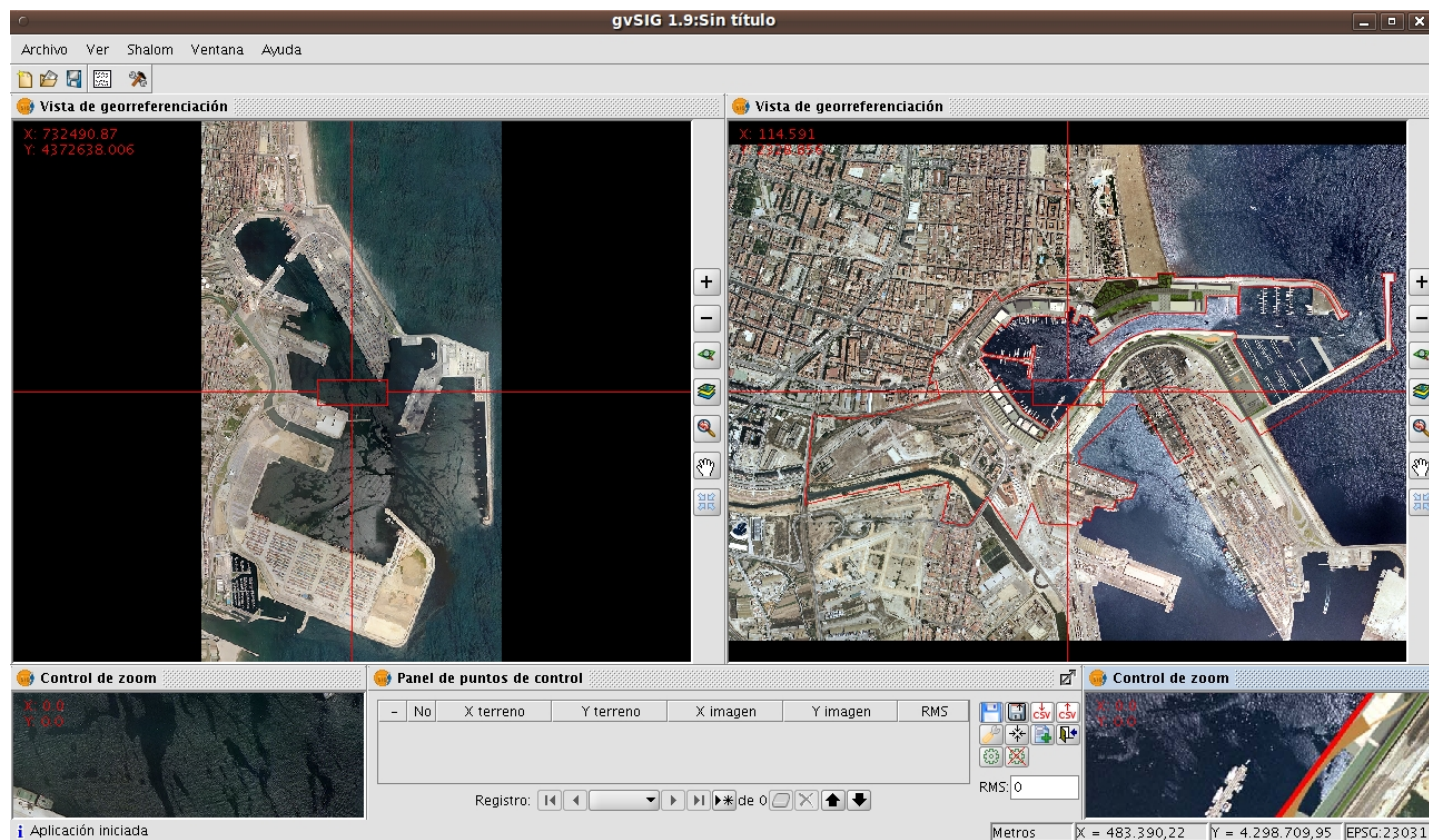
# gvSIG 1.9 raster: New features

- Filters



# gvSIG 1.9 raster: New features

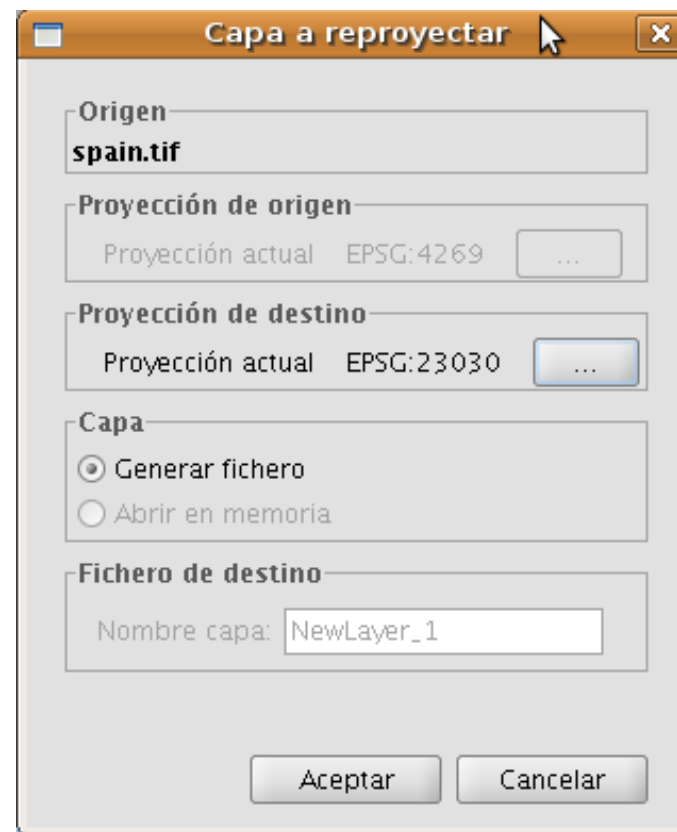
- Georeferencing



# gvSIG 1.9 raster: New features

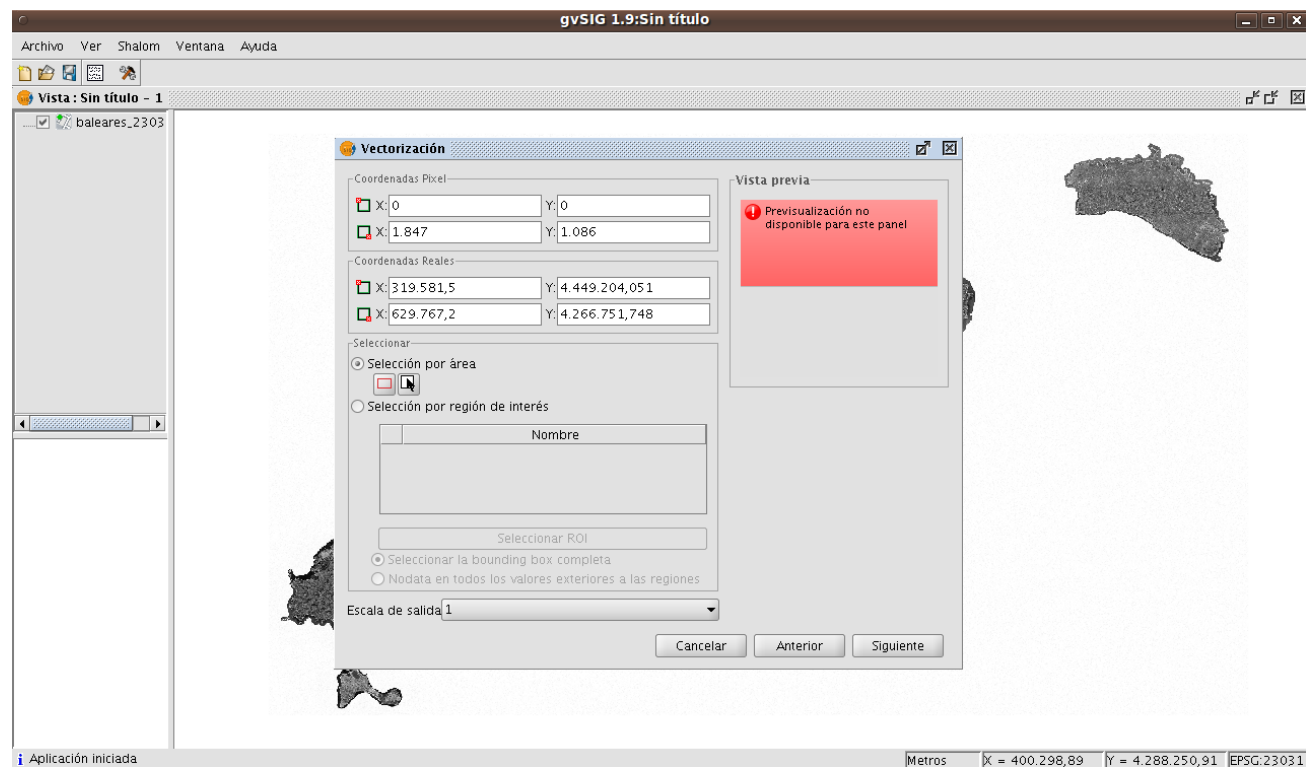
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- Raster reprojection



# gvSIG 1.9 raster: New features

- Vectorization



# gvSIG 1.9 raster: New features

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- ... and also the Remote Sensing Extension





# New features gvSIG 1.9

## Vectorial - Raster

Thank you for your attention

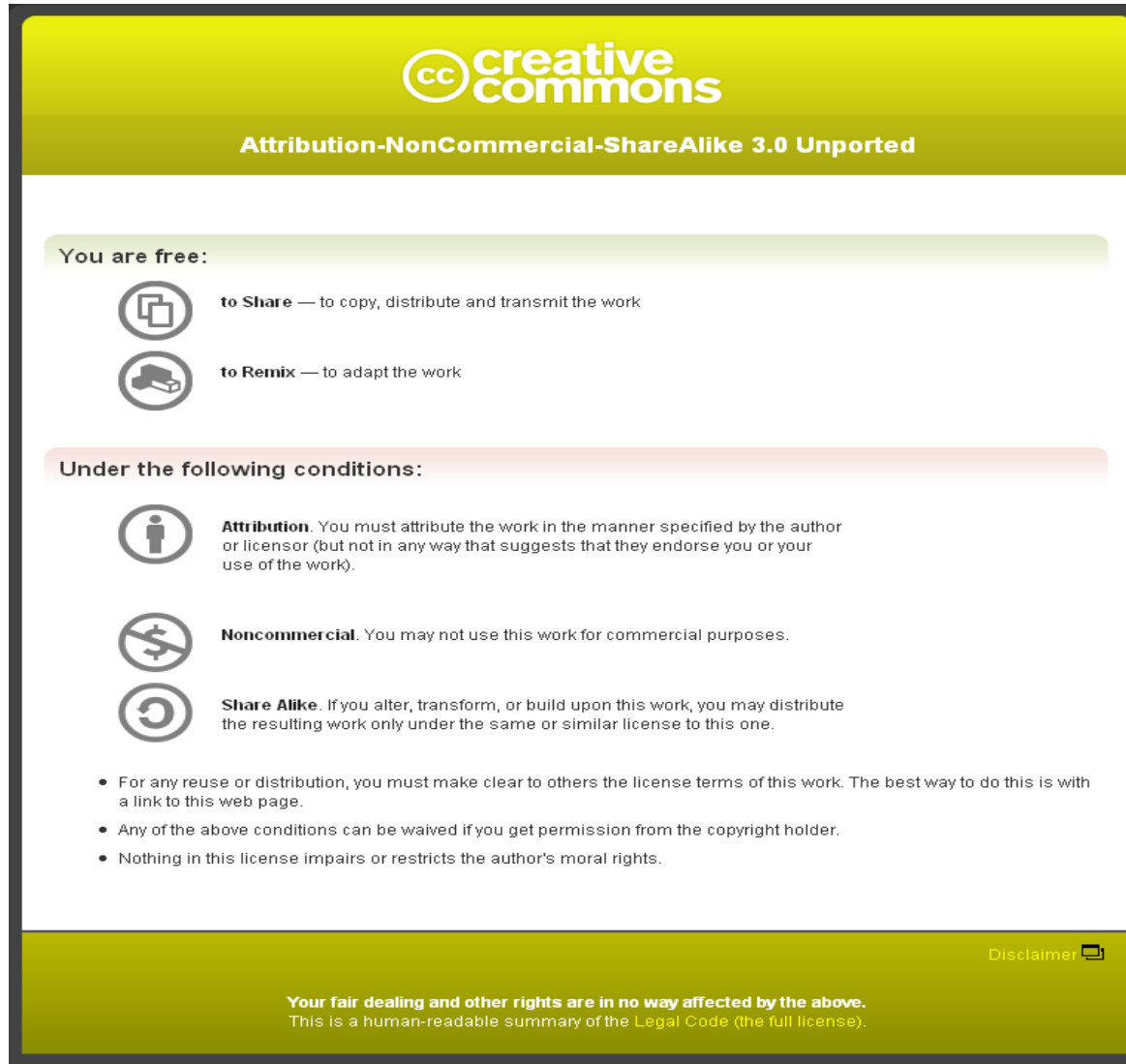


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Internationalization and communication coordinator

gvSIG Association



[mcarrera@gvsig.com](mailto:mcarrera@gvsig.com)






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