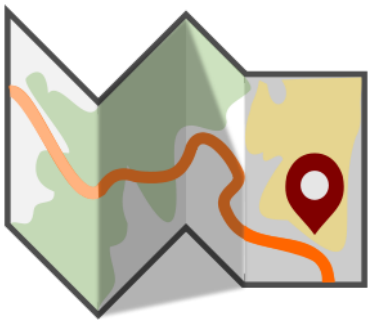
Open BIL, BIP or BSQ files in QGIS

QGIS Tutorials and Tips



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Translations by
SongHyun Choi

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BIL, BIP □□ BSQ □□ □□

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Band interleaved by line (BIL), band interleaved by pixel (BIP), □□□ band sequential (BSQ)□ □□ □□□ □□ □□□□□□ □□□□ □□□□ □□□□□. (□□□ □□□ □□ □ □□□□□ □□□□ <http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=BIL,_BIP,_and_BSQ_raster_files>`_)

□□□□□ □□□ □□□□ ***.hdr*** □□□ □□□□□. □□ □□□□□ ***.hdr***``■■■ ■■■ ***.bil, .bsq*** ■ ■ ***.b*** ``image.bil``□□□□ □□ □□□□□ □□□ □□□. □□□ □□ □□□ --> □□□ □□□ □□ :menuselection:`Layer --> Add Raster Layer`□ □□ □ ``image.bil``□ □□□□ □□□□ □□ □□□□.

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□□□□ `Global Land Cover Facility <http://glcf.umd.edu/>`_□ `AVHRR Global Land Cover Classification data <http://glcf.umd.edu/data/landcover/data.shtml>`□ □□□ □□□□.

Global Coverage □□□□□ BSQ □□□ □□□□□. 1 Degree pixel resolution □□□□□ □□□□ □□□□.

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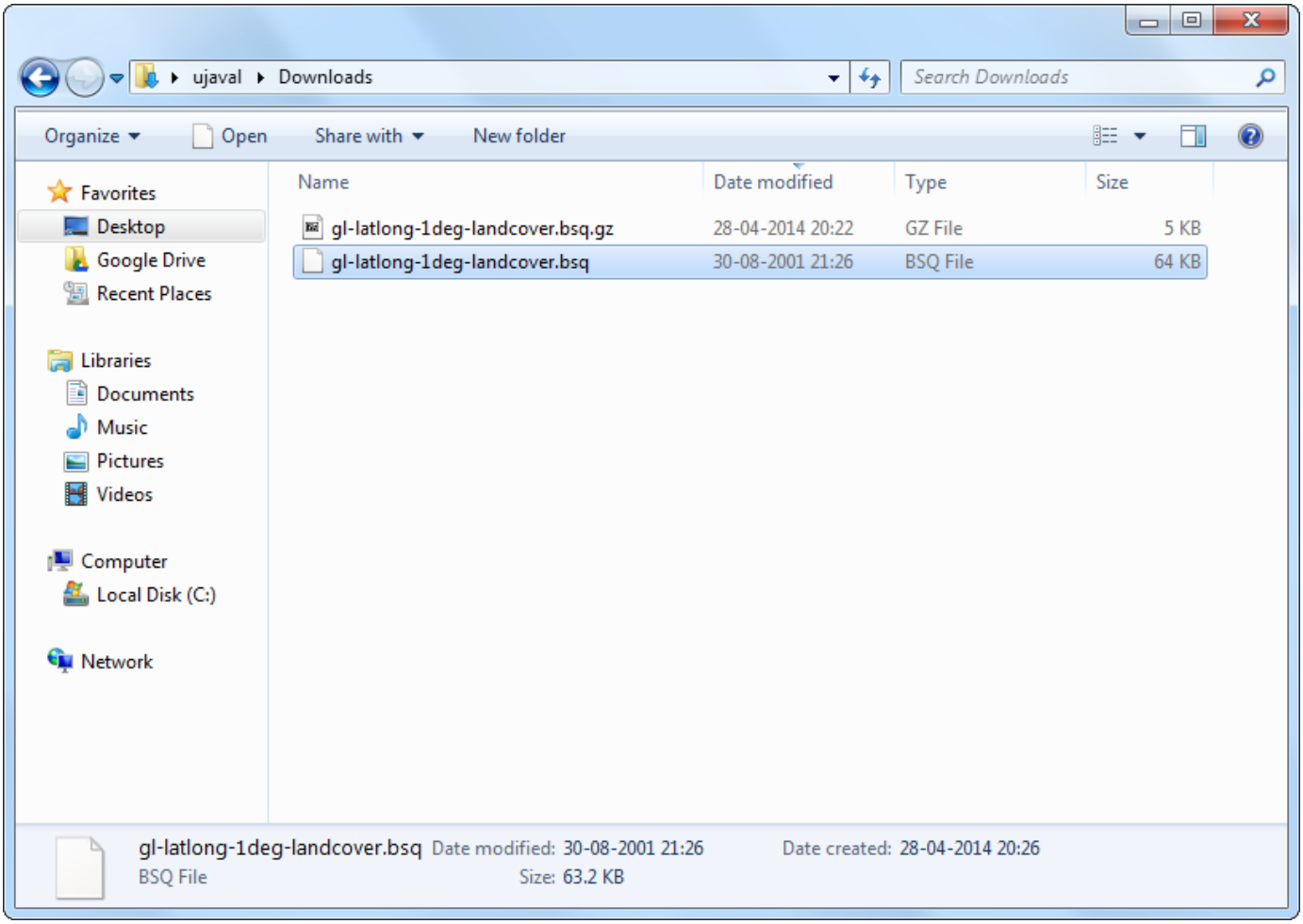
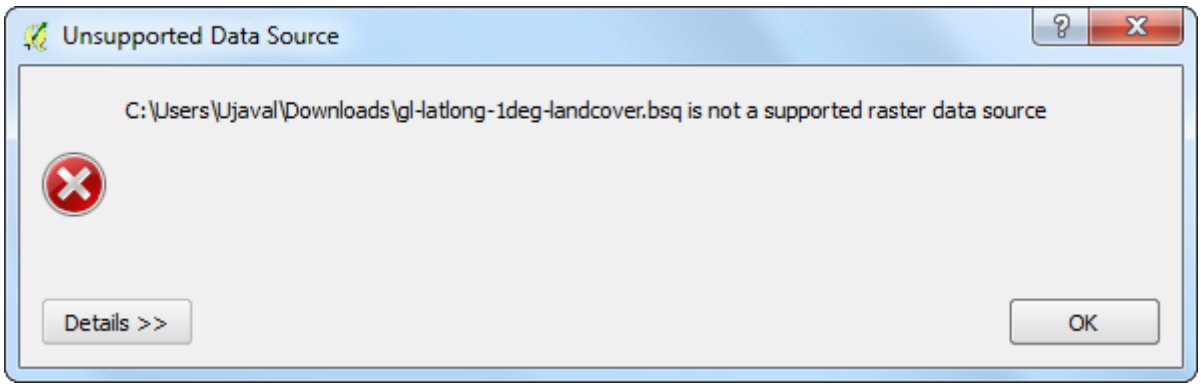
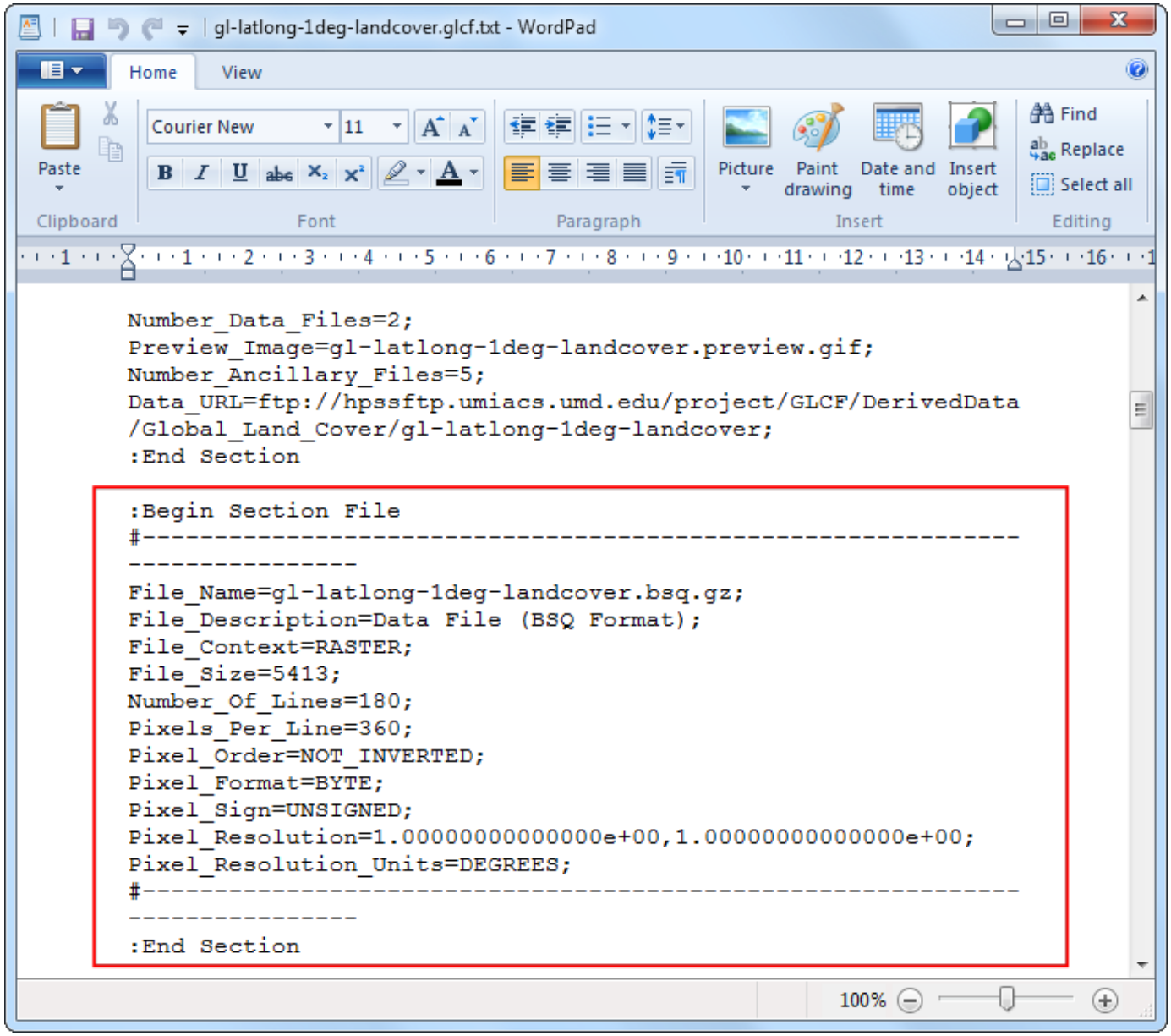
1. □□□ □□□□ .bsq □□□ □□□□□□. □□□□□□ .gz □□□ □□ □□□□ □□□ □□□ `7-Zip utility <http://www.7-zip.org/>`_□ □□□ □□ □□□□. ``gl-latlong-1deg-landcover.bsq``□□ .bsq□□ □□□ □□□ □□ □□□ □□□□. hdr□□□ □□□□.



2. QGIS□□ ``gl-latlong-1deg-landcover.bsq``□□□ □□□ □□□ □□ □□□□ □□□ □□□□ □□ □□□□□□.



3. □ □□□ □□□ □□□□ ``.hdr``□□ □□□□ □□ □□□□□ □□□□ □□□. □□ □□□ □□□□□ □□ □□□ □□□ □□ □□□□□□□□ □□□□□□. □□□□□ □ □□□ □□□□□ □□ □□□□□□ □□□□□ □□□□□□□. □□ □□□□□□ □□ □□□□□□ □□□□ □□ □□□ □□□□□□. □□□ □□□□□ □□□ □□□ □□□ □ □□□□. □ □□□□□ □□□□ □□ □□□□ □□□ □□□ `metada <ftp://ftp.glcf.umd.edu/glcf/Global_Land_Cover/Global/1deg/gl-latlong-1deg-landcover.glcf>`_ □□□□ □□□□. □□□□□□ □□□□□□ □□□□.



4. .hdr □□□ □□ □□□□□□ □□□ □□□□. □□□ □□□□□ □□□ □□□□ □□□ □□□□ □□□ □□□□. □□□ □□ □ □□□ □□□ Learn more about the format.

```
ncols <number of columns or width of the raster>
nrows <number of rows or height of the raster>
cellsize <pixel size or resolution>
xllcorner <X coordinate of lower-left corner of the raster>
yllcorner <Y coordinate of the lower-left corner of the raster>
nodata_value <pixel value to be ignored>
nbits <number of bits per pixel>
pixeltype <type of values stored in a pixel, typically float or integer>
byteorder <byte order in which image pixel values are stored, msb or lsb>
```

5. □□□ □□□□ □□ □ □□□□ □□□ □□□ □□□ □□□□. □□□□ ``gl-latlong-1deg-landcover.hdr``□ □□□□□. □□□ □ □□ □□□□ ``.txt``□ □□ □□□□ □□□□□. □□□ □□□ □□ □□ □□□□ □□□□. □□□□□□□ □□ **ncols**□ **nrows**□ □□□□ □□□ □□□□□□. **cellsize**□ 1□□ □□□□□□□□ □□ □□□ □□□□□□. □□ □□ □□□ X, Y □□□ □□□ □□□□□. □□□ □ □□□ □□□□ □□/□□ □□□□□ **xllcorner**□ **yllcorner**□ □□ -180□ -90□□□. □□□□ □□□ □□□□ □□ □□□

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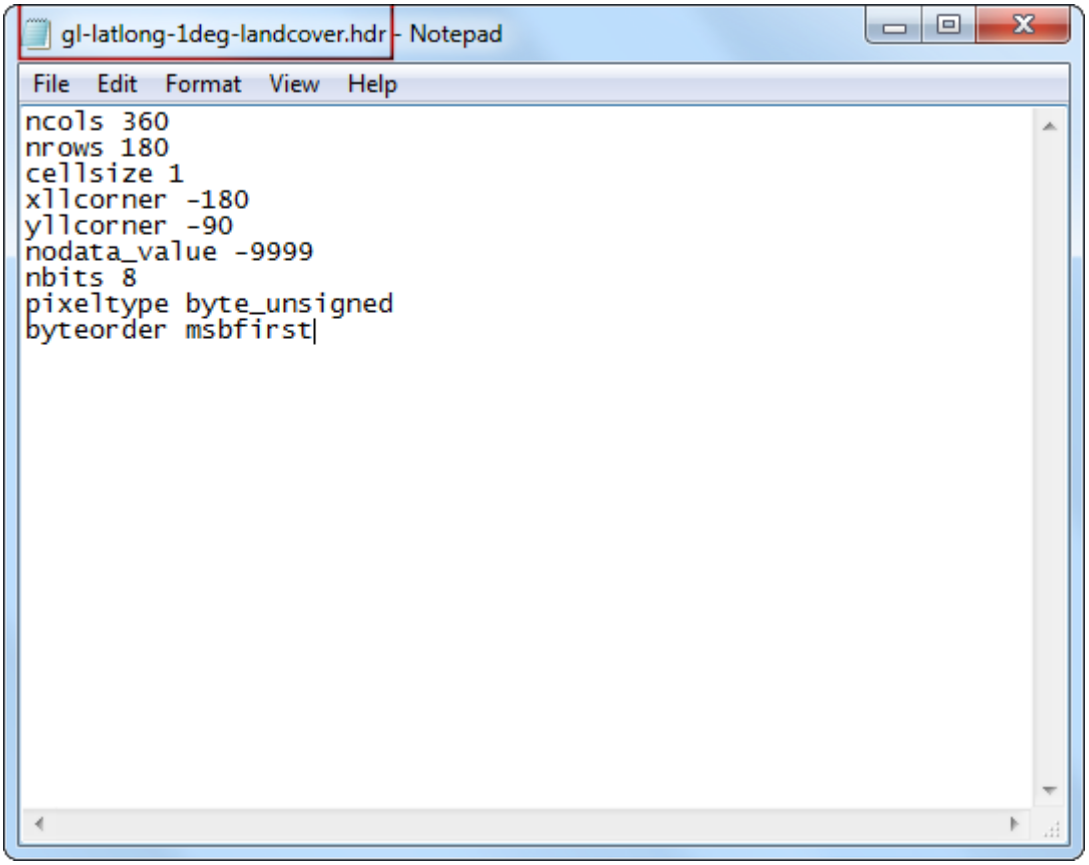
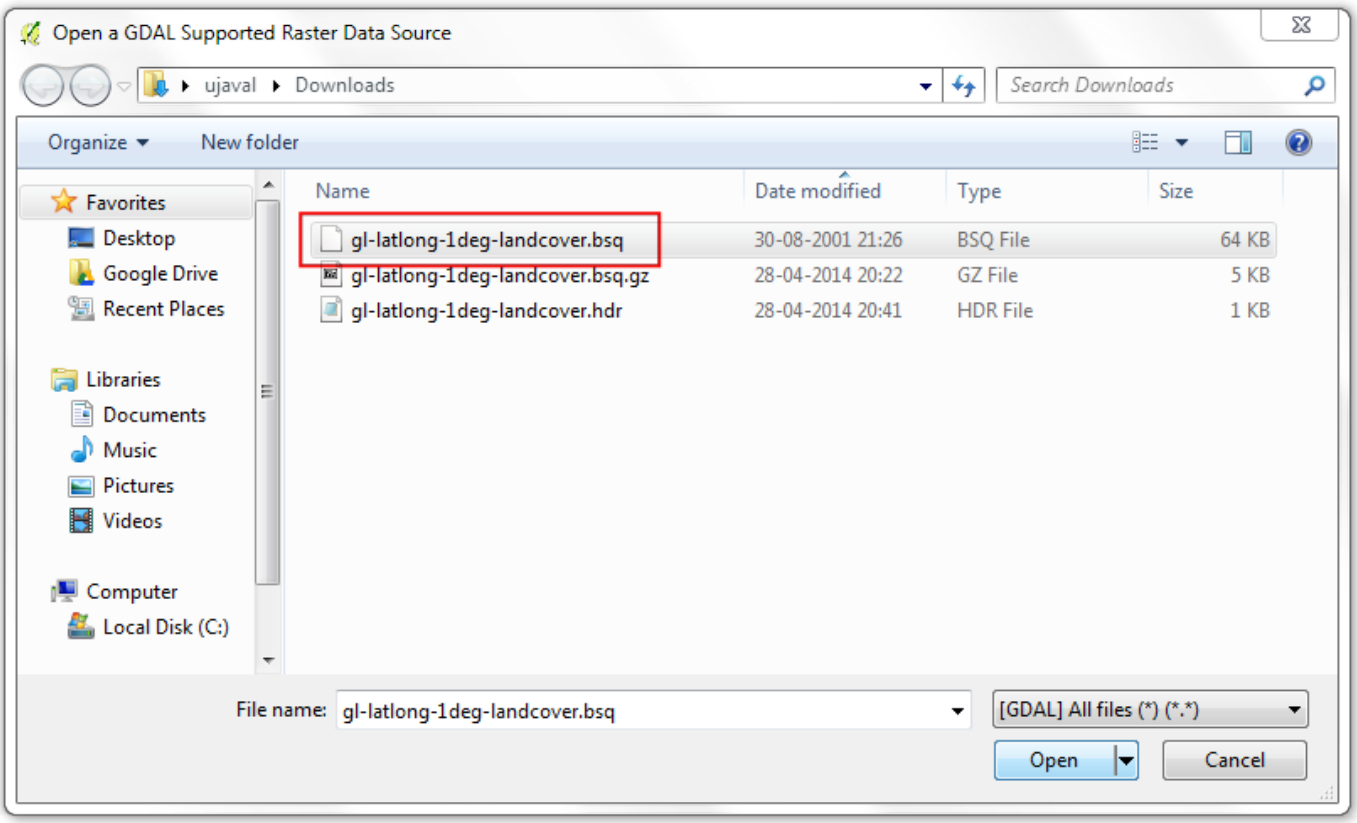
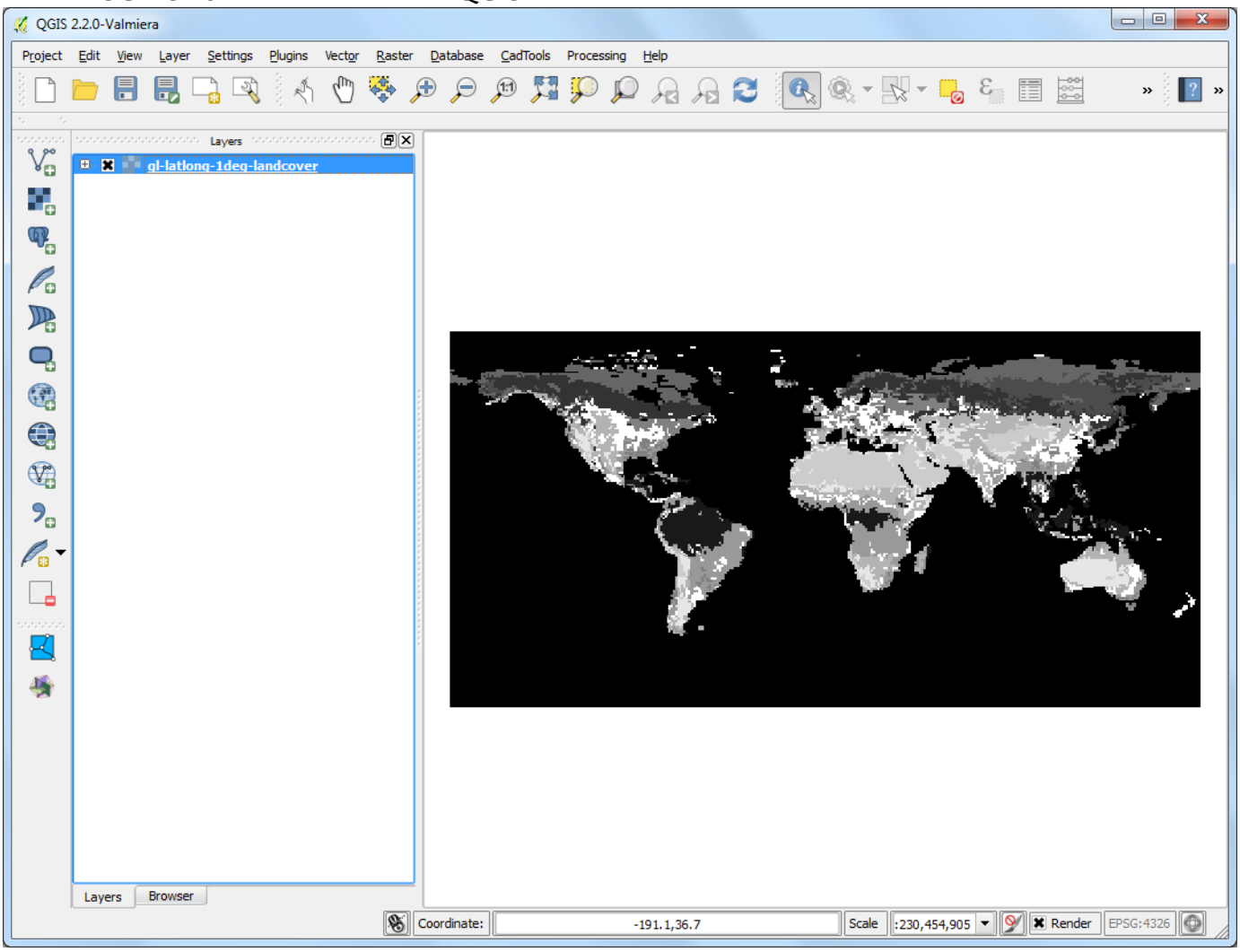


6. □□ □□□□□ □□□□□. ``gl-latlong-1deg-landcover.bsq``□□□ □□ □□□□□ □□□□. □□ QGIS□□ □□ □□□ --> □□□ □□□ □□ :menuselection:`Layer --> Add Raster Layer`□ □□□. □□□□ ``gl-latlong-1deg-landcover.bsq``□ □□□□ □□ :guilabel:`Open`□ □□□□□.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