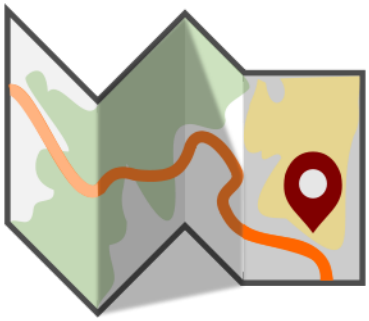
Open BIL, BIP or BSQ files in QGIS

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://web help.es _)

□□□□□ □□□ □□□□ ***.hdr*** □□□ □□□□□. □□ □□□□□ ***.hdr***``■■■ ■■■ ***.bil, .bsq*** ■■ ***.bip*** ``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 □□□□□ □□□□ □□□□.

□□□ □□: [GLCF]

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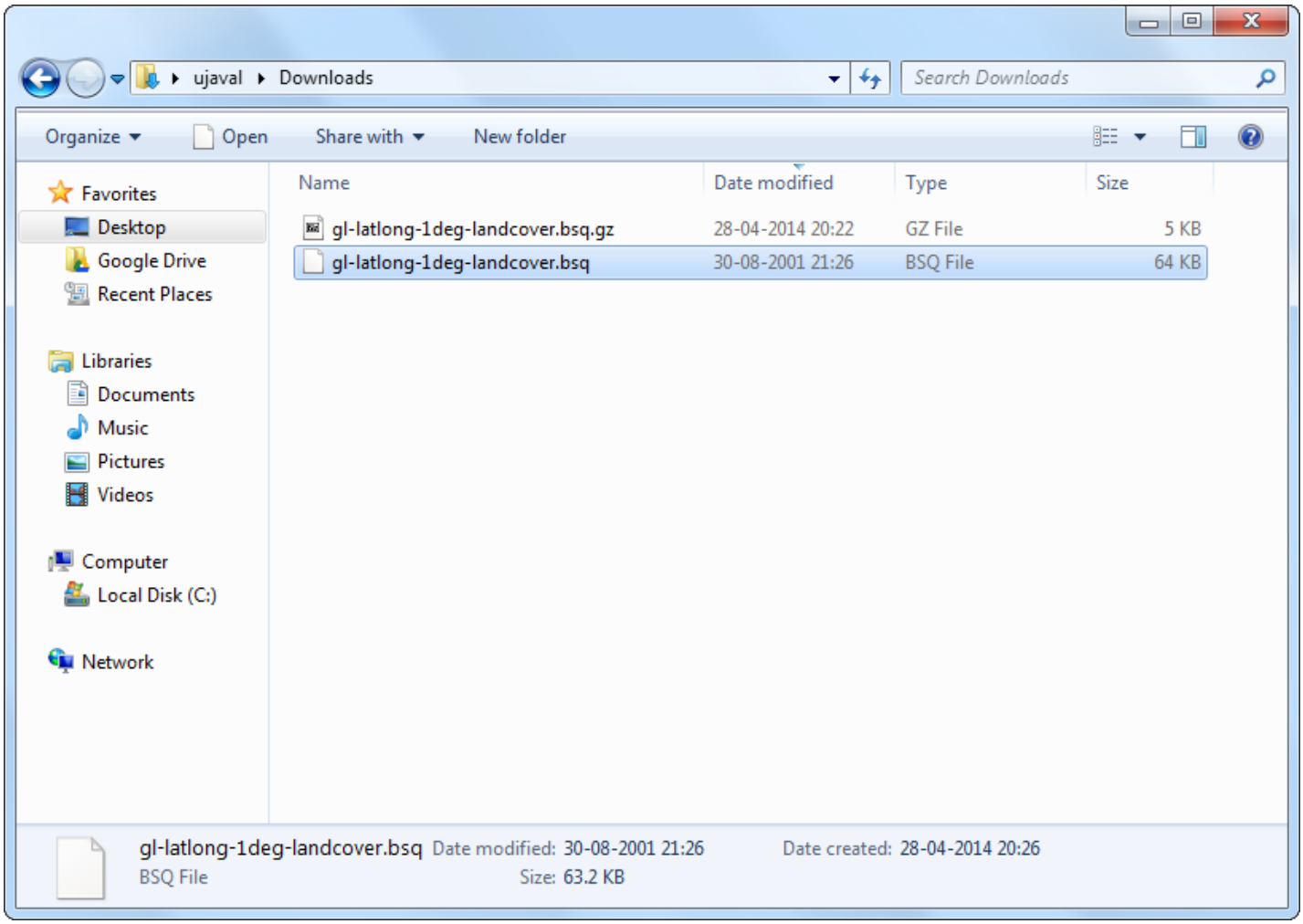
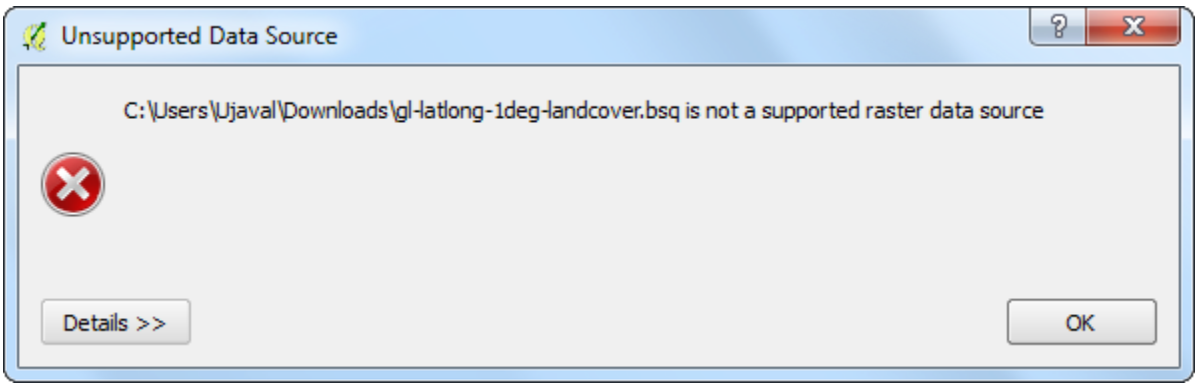
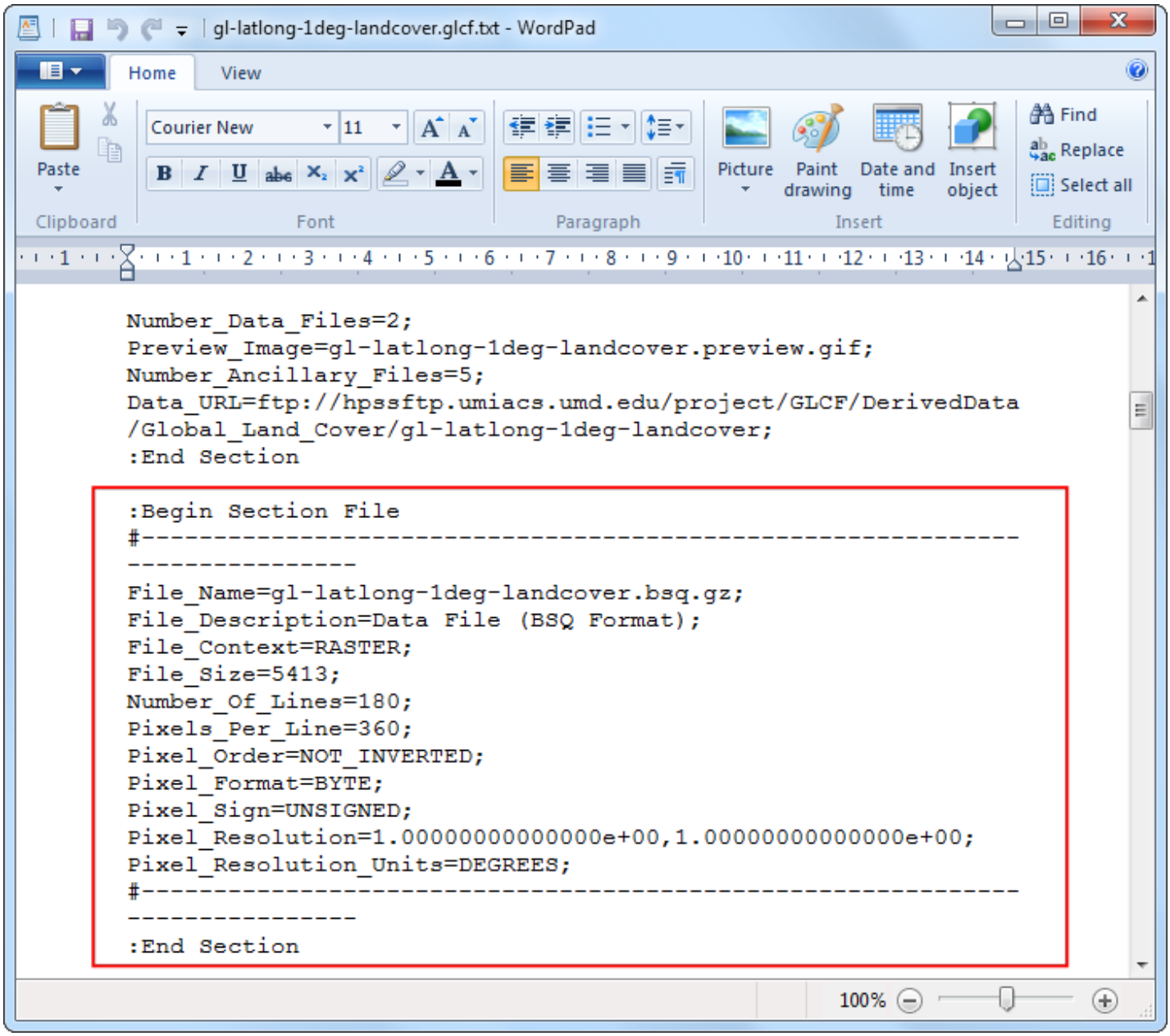
1. □□□ □□□□ .bsq □□□ □□□□□□. □□□□□□ .gz □□□ □□ □□□□ □□□ □□□ `7-Zip utility <http://www.7-zip.org/>`_□ □□□ □□ □□□□. ``gl-latlong-1deg-landcover.bsq``□□ .bsq□□ □□□ □□□ □□ □□□ □□□□. hdr□□□ □□□□.



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



3. □ □□□ □□□ □□□□ ``.hdr``□□ □□□□ □□ □□□□□ □□□□ □□□. □□ □□□ □□□□□ □□ □□□ □□□ □□□ □□□□□□□□ □□□□□□. □□□□□ □ □□□ □□□□□ □□ □□□□□□ □□□□□ □□□□□□□. □□ □□□□□□ □□□ □□□□□□ □□□□ □□ □□□ □□□□□□. □□□ □□□□□ □□□ □□□ □□□ □ □□□□. □ □□□□□ □□□□ □□□ □□□□ □□□ □□□ `metadata <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>
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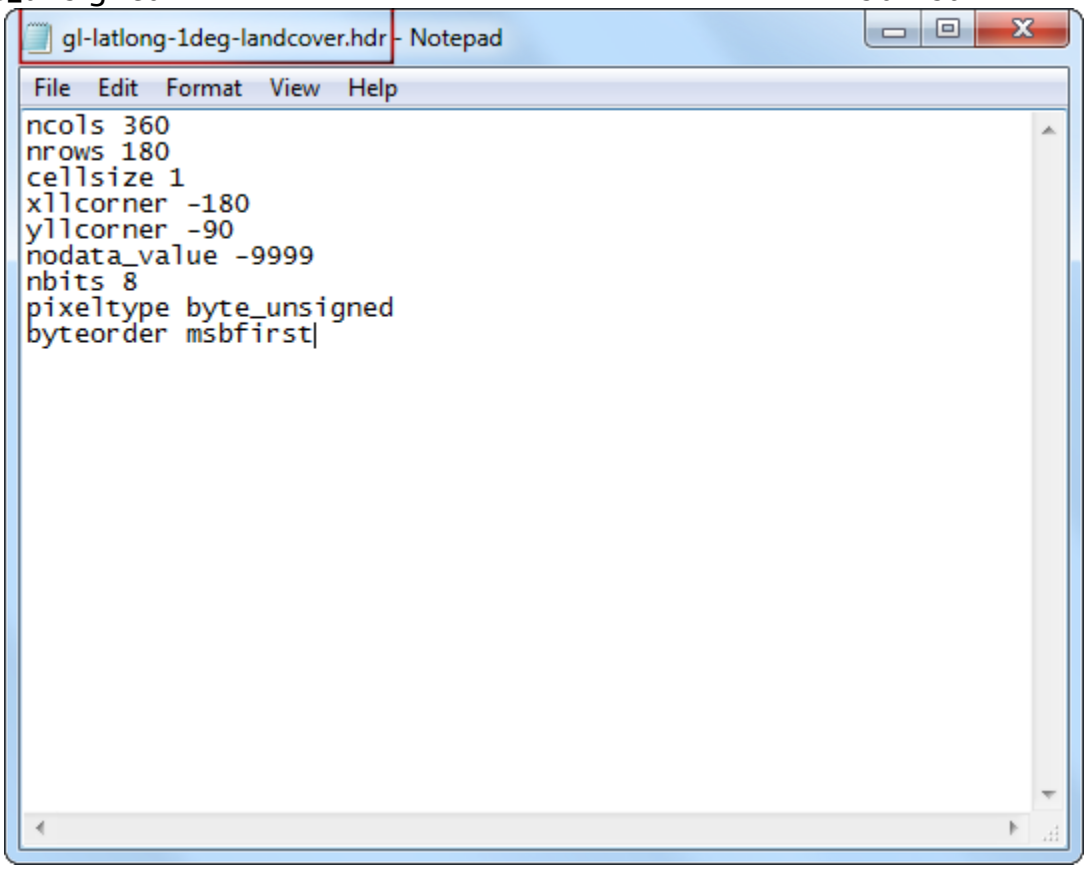
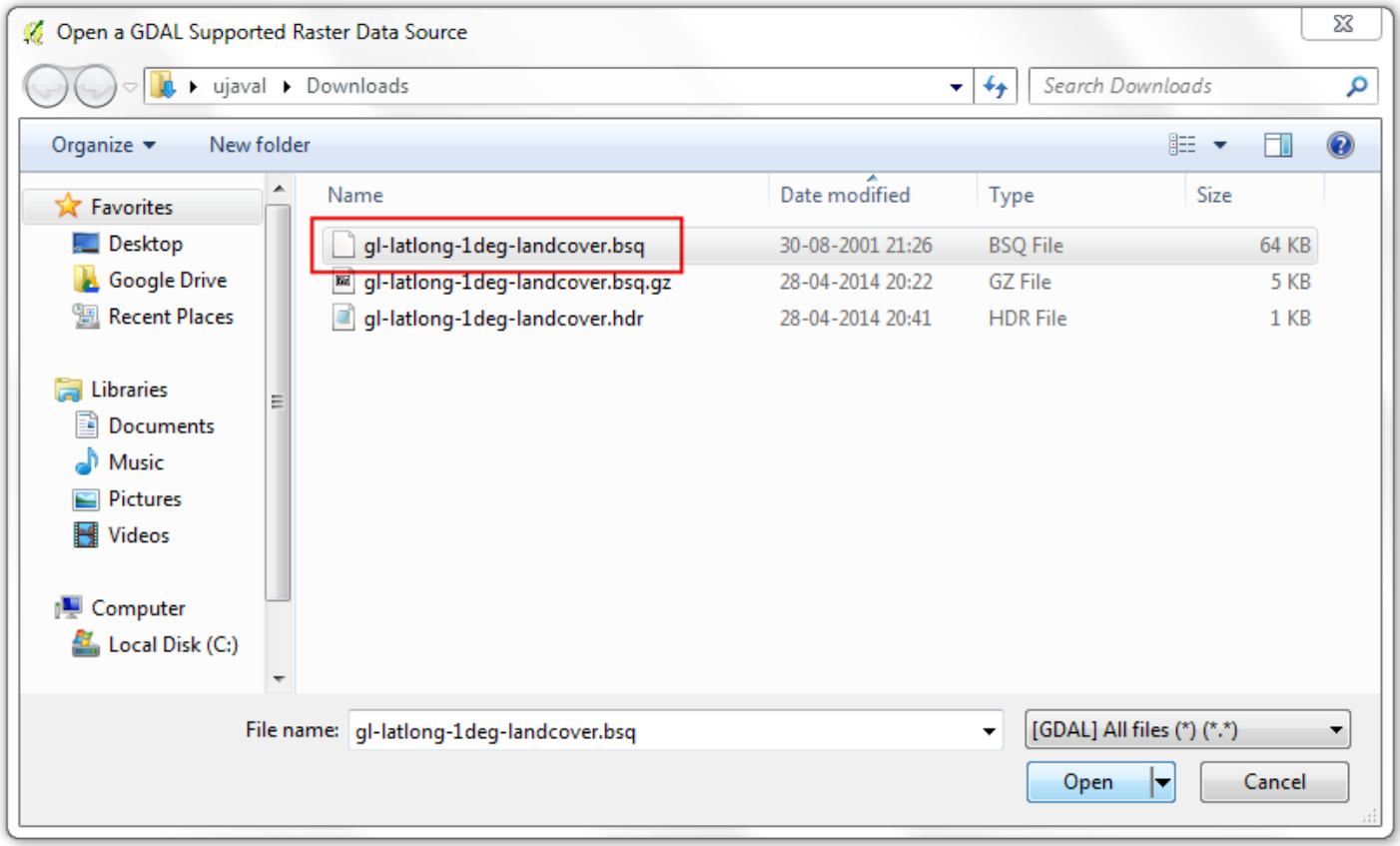
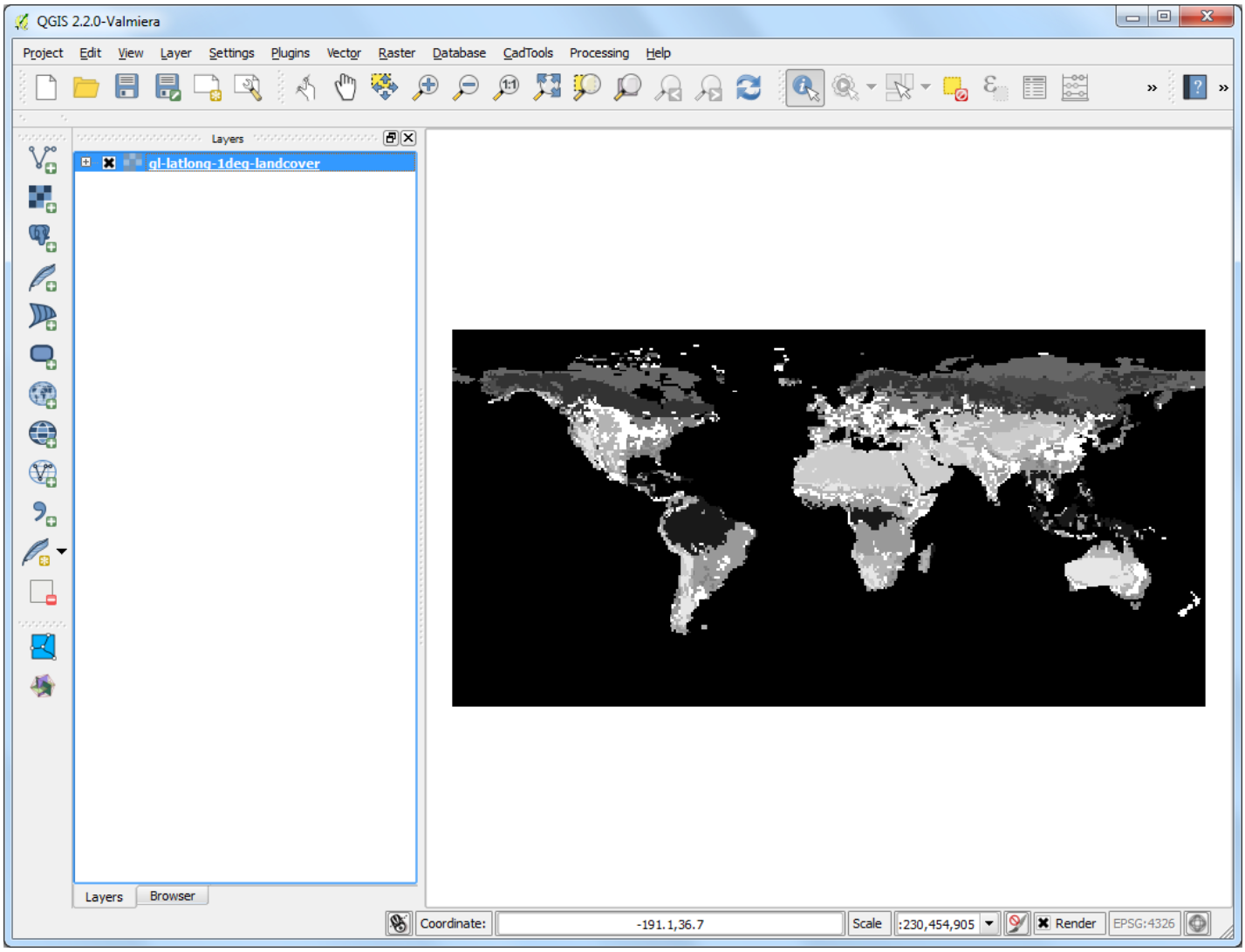
5. □□□ □□□□□ □□ □ □□□□□ □□□□ □□□□ □□□□ □□□□□. □□□□□ ``gl-latlong-1deg-landcover.hdr``□ □□□□□□. □□□□ □ □□ □□□□□ ``.txt``□ □□ □□□□□ □□□□□□. □□□□ □□□□ □□ □□ □□□□□ □□□□□. □□□□□□□□ □□ **ncols**□ **nrows**□ □□□□□ □□□□ □□□□□□□. **cellsize**□ 1□□ □□□□□□□□□ □□ □□□□ □□□□□□□. □□ □□ □□□□ X, Y □□□□ □□□□ □□□□□□. □□□□ □ □□□□ □□□□□ □□/□□ □□□□□□ **xllcorner**□ **yllcorner**□ □□ -180□ -90□□□□. □□□□□ □□□□ □□□□□ □□ □□□□ □□□□□. □□□□ -9999□ □□ □□□□ □□□□□. □□ □□□□□□□□ □□ □□□□ □□□□□□□. □□□□ **nbits**□ 8□ □□□□ □□ □□□□□□ **byte_unsigned**□ □ □□□□□. □□□□□□□ □□□□□ □□□□ □□□□□ msbfirst□ □□□□□□.



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



7. □□ □□□□ □□□□ □□□□□ □□ □□□□□□. □□□□ □□/□□□□□ □□□□ **WGS84 EPSG:4326**□ □□□□□. □□ QGiS□ □□□□□ □□□□□□ □□ □□□□□.


QGIS 2.2.0-Valmiera
Project Edit View Layer Settings Plugins Vector Raster Database CadTools Processing Help
Layers
gl-latlong-1deg-landcover
Layers Browser
Coordinate: -191.1,36.7 Scale :230,454,905 Render EPSG:4326