

# Open BIL, BIP or BSQ files in QGIS

QGIS Tutorials and Tips



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## BIL, BIP and BSQ and GDAL

GDAL is a library that can read and write data in many formats. BIL, BIP and BSQ are formats used by the AVHRR Global Land Cover Classification data. The GDAL library <http://www.gdal.org> can read and write these formats. QGIS can also read and write these formats. QGIS can also read and write these formats.

Band interleaved by line (BIL), band interleaved by pixel (BIP), and band sequential (BSQ) are three different ways of storing multi-band data. (BIL is the most common format for AVHRR data. [http://web help.esri.com/arcgis/9.3/arcgisserver/arcgisserver.htm](http://webhelp.esri.com/arcgis/9.3/arcgisserver/arcgisserver.htm))

GDAL can read and write these formats. The command line options for GDAL are: `gdalinfo image.bil`, `gdalinfo image.bsq`, `gdalinfo image.bip`. The command line options for QGIS are: `Layer --> Add Raster Layer`. The command line options for QGIS are: `image.bil`, `image.bsq`, `image.bip`.

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## Global Land Cover Facility

Global Land Cover Facility (GLCF) is a project that provides global land cover data. The GLCF data is available in three formats: BIL, BIP, and BSQ. The GLCF data is available in three formats: BIL, BIP, and BSQ.

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## 1. Global Land Cover Facility

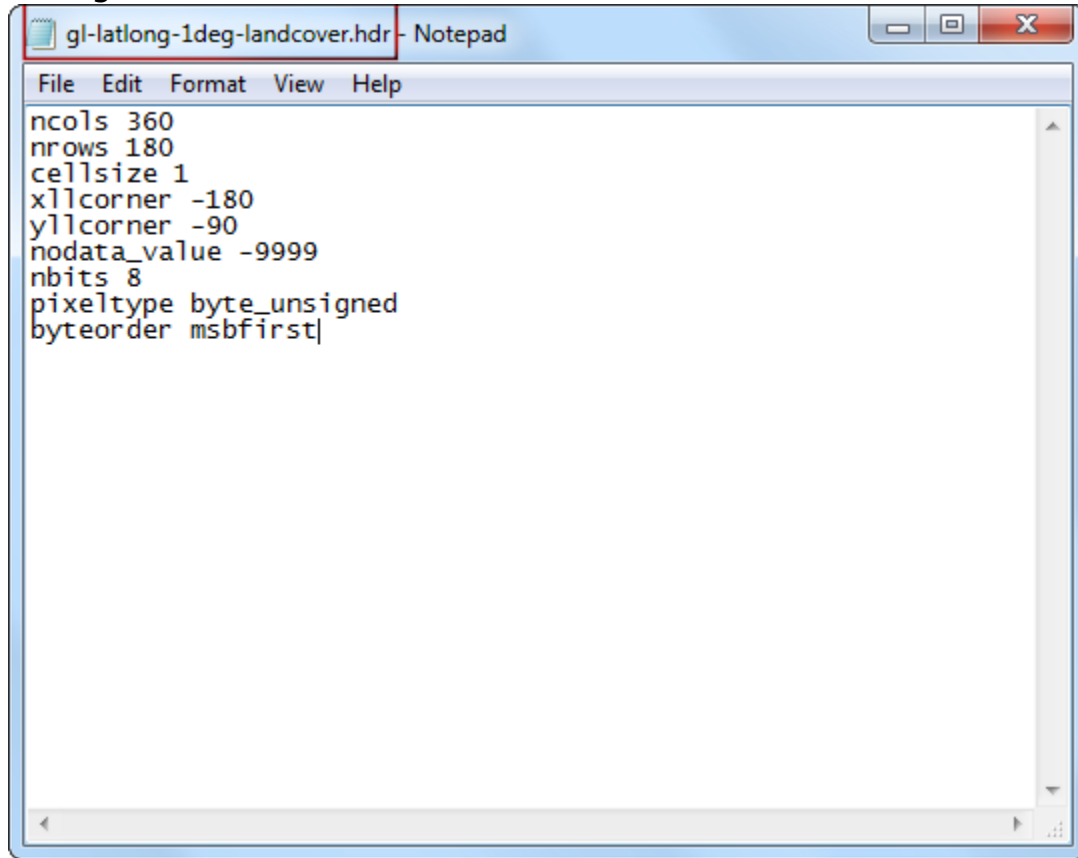
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5. 创建名为 gl-latlong-1deg-landcover.hdr 的元数据文件。该文件应包含以下信息：
- ```

ncols 360
nrows 180
cellsize 1
xllcorner -180
yllcorner -90
nodata_value -9999
nbits 8
pixeltype byte_unsigned
byteorder msbfirst
  
```



6. 在 QGIS 中添加该元数据文件。在 QGIS 主窗口中，选择 Layer --> Add Raster Layer --> Open。在弹出的对话框中，选择 gl-latlong-1deg-landcover.hdr 文件并打开。



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 EPSG:4326\*\* □ □□□□□. □□ QGIS □ □□□□□ □□□□□□ □□ □□□□□□.

