

# Open BIL, BIP or BSQ files in QGIS

QGIS Tutorials and Tips



Author

Ujaval Gandhi

<http://google.com/+UjavalGandhi>

Translations by

SongHyun Choi

BIL, BIP ☐☐ BSQ ☐☐ ☐☐

GDAL은 BIL, BIP 또는 BSQ 포맷을 지원합니다. The GDAL library <<http://www.gdal.org>>는 QGIS에서 GDAL을 사용하여 데이터를 처리합니다. QGIS는 GDAL을 사용하여 데이터를 처리합니다.

Band interleaved by line (BIL), band interleaved by pixel (BIP), or band sequential (BSQ) are common ways to store multi-band raster files. (For more information, see [http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=BIL,\\_BIP,\\_and\\_BSQ\\_raster\\_files](http://webhelp.esri.com/arcgisdesktop/9.2/index.cfm?TopicName=BIL,_BIP,_and_BSQ_raster_files))

```

##### 000 0000 .hdr 000 00000. 00 00000 .hdr`##### 0000 .bil, .bsq ■ ■ .l
`image.bil`##### 00 00000 000 000. 000 00 000 --> 000 000 00
:menuselection: `Layer --> Add Raster Layer` 0 00 0 `image.bil` 0 0000 0000 00
0000.

```

```
0000 0000 0000 .hdr` `` 0000 0000 00 000000. 00 0000 0 0000 0000 000 000 0 0000
000000 0000.
```

□□□□ `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]

11

1. 0000 0000 .bsq 000 000000. 000000 .gz 000 00 0000 000 000 `7-Zip  
utility <<http://www.7-zip.org/>>`\_0 000 000 0000.  
`gl-latlong-1deg-landcover.bsq`\_00 .bsq00 0000 000 00 0000 0000. hdr000  
0000.





4. .hdr 文件 包含 以下 信息。 请 参考 以下 链接 了解 更多 关于 该 格式 的 信息。

[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>

```

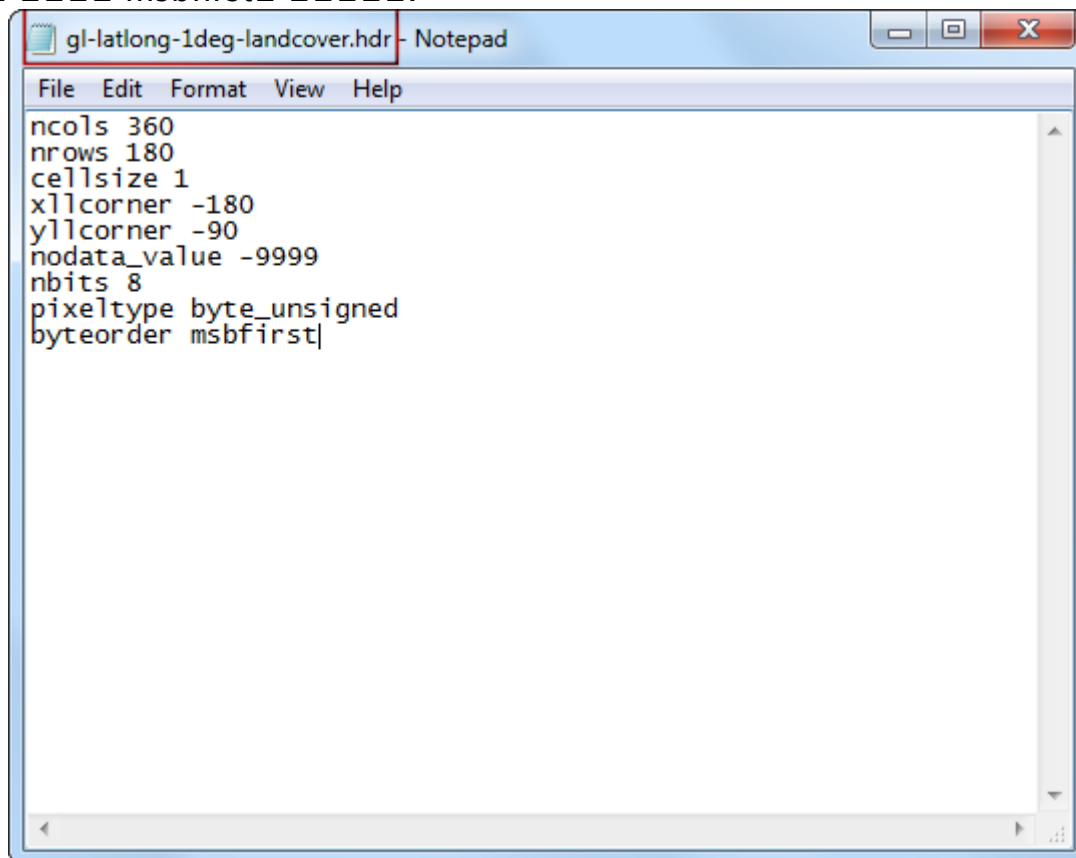
5. 以下 是 文件 'gl-latlong-1deg-landcover.hdr' 的 内容。 请 参考 以下 链接 了解 更多 关于 该 格式 的 信息。

```

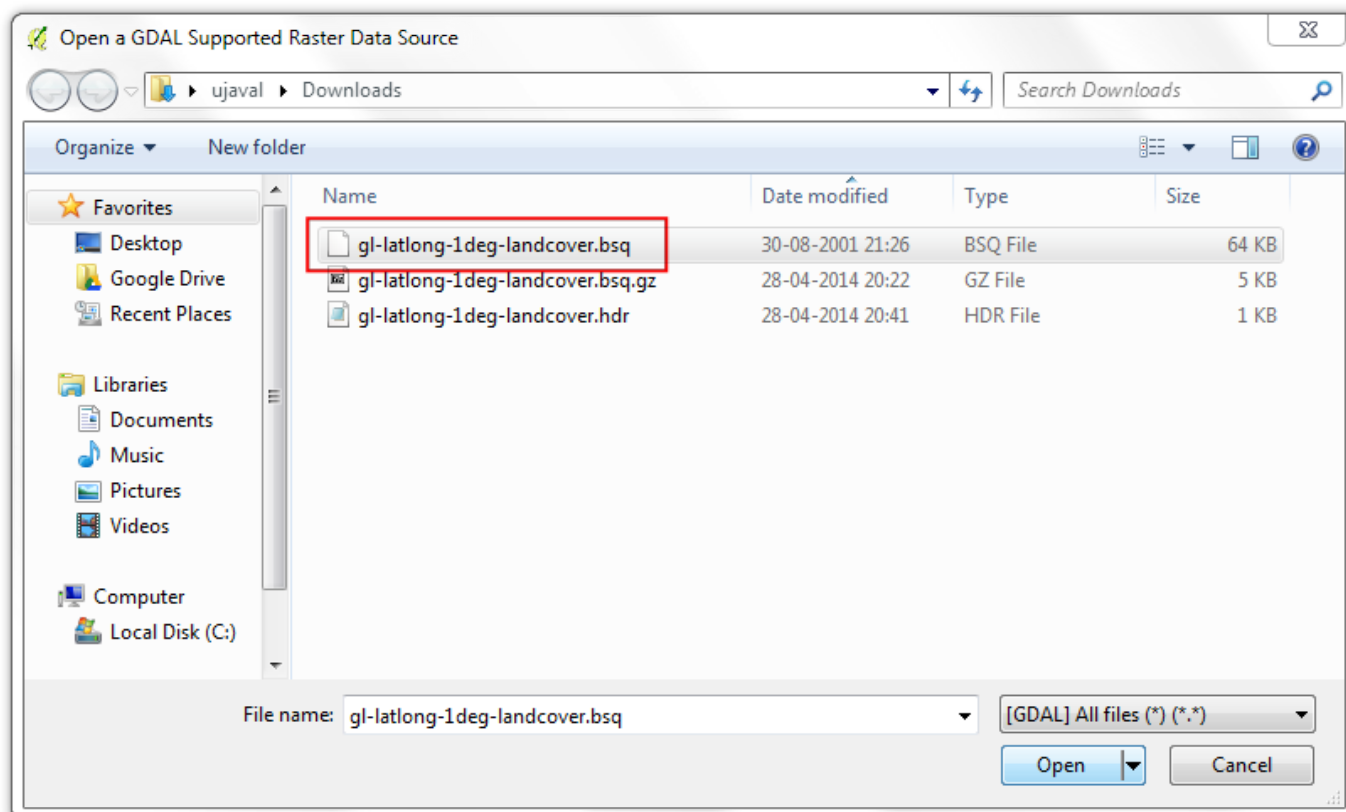
gl-latlong-1deg-landcover.hdr
ncols=360
nrows=180
cellsize=1
xllcorner=-180
yllcorner=-90

```

#####. ##### -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. 00 0000 0000 00000 00 000000. 0000 00/00000 0000 \*\*WGS84  
 EPSG:4326\*\* 0 00000. 00 QGIS 000000 000000 00 00000.

