
Subject: Re: changing resolution from 4km to 36 km grid in ENVI

Posted by [Jean H.](#) on Thu, 07 Sep 2006 19:23:28 GMT

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well, if you really want a 36km resolution, you should multiply by
9.712638661979991160365676420977 ... however it seems much simpler to
input the final pixel size (ie 36000)

In other words, both should work!

Jean

surajchem@hotmail.com wrote:

> hey thanks

> i had one more thing to ask

> this header was for a 4 km file but the pixel size is 3706.51079 m so

> if i want to convert it into 36km, should i multiply pixel size by 9 or

> just input 36000m.

> thanks

> sunny

>

> Jean H. wrote:

>

>> For the resolution:

>> Basic tools / resize data / then click on "set output dims by pixel size"...

>> For the projection:

>> Map / Convert map projection

>>

>> Jean

>> surajchem@hotmail.com wrote:

>>

>>> hi,

>>> i have a earth data that is a IS projection with 4 km resolution . how

>>> can i convert projection to lambert conformal conic projection with 36

>>> Km resolution using ENVI. actually i pretty new at this.

>>> here is the header of the file

>>> *****

>>> ENVI

>>> description = {

>>> File Imported into ENVI.}

>>> samples = 10800

>>> lines = 5400

>>> bands = 1

>>> header offset = 0

>>> file type = ENVI Standard

>>> data type = 1

>>> interleave = bsq

>>> sensor type = Unknown

>>> byte order = 0

```
>>> map info = {Sample IS, 5400.5000, 2700.5000, 0.0000, 0.0000,
>>> 3.7065017090e+003, 3.7065017090e+003, , units=Meters}
>>> projection info = {38, 6371007.2, 0.000000, 0.0, 0.0, 86400, 1, Sample
>>> IS, units=Meters}
>>> wavelength units = Unknown
>>> geo points = {
>>> 1.0000, 2700.0000, 0.00000000, -180.00000000,
>>> 5400.0000, 300.0000, 80.00000000, 0.00000000,
>>> 10500.0000, 2700.0000, 0.00000000, 170.00000000,
>>> 5400.0000, 3600.0000, -30.00000000, 0.00000000}
>>> pixel size = {3.70650171e+003, 3.70650171e+003, units=Meters}
>>> *****
>>> thanks
>>> sunny
>>>
>
>
```
