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

Posted by [surajchem](#) on Thu, 07 Sep 2006 18:35:30 GMT

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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  
>>
```
