Subject: Re: changing resolution from 4km to 36 km grid in ENVI
Posted by Jean H. on Wed, 06 Sep 2006 22:39:28 GMT
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For the resolution:
Basic tools / resize data / then click on "set output dims by pixel size"...
For the projection:
Map / Convert map projection

Jean
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> hi,
> i have a earth data that is a IS projection with 4 km resolution . how
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Subject: Re: changing resolution from 4km to 36 km grid in ENVI

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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 9.7126386619799911603656764209 77 ... however it seems much simpler to input the final pixel size (ie 36000)

In other words, both should work!
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Subject: Re: changing resolution from 4km to 36 km grid in ENVI
Posted by surajchem on Thu, 07 Sep 2006 20:19:21 GMT
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hi
thanks again
i was able to convert it into 36000m pixel size.
but i am not able to change its map projection

In the converts map projection parameter => i clicked on change proj, i
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in output X size i changed it to 36000 from 0 and same with the Y size.

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then i tried with nearest neighbor and cubic convolution

after giving the output filname and after clicking Ok it gave me the
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Posted by Jean H. on Thu, 07 Sep 2006 20:32:40 GMT
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it should not be 0.... your input must have something wrong.
Try using your original (res = 3.7km) data, and set the output to 36 000

Jean

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Subject: Re: changing resolution from 4km to 36 km grid in ENVI
Posted by surajchem on Fri, 08 Sep 2006 22:34:15 GMT
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hi Jean,
Sorry to bother you again, but some how the Lambert conformal conic map projection doesnt show up, and when it does is just a part of south america where as i need the china region
so according to my china map region that i need to use and created a customized lambert conformal conic projection
with 0 E, 0 N , cental meridian: 110 E, latitude of projection origin : 34 N
and the two std parallels 25 N and 40 N.

so in convert map projection box
when i clicked this projection it changed all the required inputs and output X and Y pixel accordingly . also should i select any thing in the option?
in the conversion parameter what should i choose RST, triangular or rigourous.
and the choose nearest neighbor.
still no luck it say error that dimension should be greater than zero.

now i am really confused.

thanks for helping me
sunny
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> surajchem@hotmail.com wrote:
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Posted by surajchem on Fri, 08 Sep 2006 22:37:27 GMT
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hi again
actually when i tried with geographic lat/long it worked and gave me
the whole world map
but converting to lambert seems a big problem

do u still use ENVI for ur research?

with regards
sunny
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