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Subject: Re: AVHRR Calibration and Georeferencing

Posted by [Jeff N.](#) on Fri, 03 Jun 2005 19:12:31 GMT

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I don't know anything about AVHRR processing, but couldn't you georeference before you calibrate? I took a quick look at the geometry doit, and it seems like it just computes some output bands that you'd use to do the georeferencing with, without actually changing the original level 1b image file. So it seems to me you could call the georeferencing doit, then calibrate the input file, then georeference the resulting calibrated image with the output bands of the georeferencing routine.

Jeff

vinit11 wrote:

> June 3, 2005

>

> Hi,

>

> I have an AVHRR file that I want to first calibrate and then georeference  
> using IDL (and ENVI).

>

> Thanks to the 'envi\_avhrr\_calibrate\_doit' I can input an AVHRR file and  
> get it calibrated. The output of this function is a file of type ENVI.

>

> Now, there is also an 'envi\_avhrr\_geometry\_doit' function that does what  
> georeferencing is needed, however, the input file to that function must be  
> of type AVHRR.

>

> The problem I'm facing is that I cannot input the file that I calibrate  
> using the 'envi\_avhrr\_calibrate\_doit' function (since it is of type ENVI  
> and needs to be of type AVHRR).

>

> I'd be grateful if someone could help me come up with a solution to this  
> problem.

>

> Thanks very much,

>

> Vinit

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