
Subject: Re: Getting mean from HDF SD files - stack in envi or read into IDL array?
Posted by [bulrushmower](#) on Sat, 05 Jul 2008 15:33:07 GMT

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On Jul 4, 8:41 am, kathryn.davi...@gmail.com wrote:

> Hi
>
> I am extremely new to IDL (2 weeks!) and have previously only used
> envi on a small scale.
>
> I want to read one SD dataset from from a each of a huge number of
> MODIS files and having looked at IDL and envi batch routines can't
> decide which is the best way. Bear in mind my limited knowledge and a
> very short timeframe.... Should I write an envi batch programme and
> create a big (3000bands +) envi file or should I put straight into the
> an IDL array. I need to get a mean value (one image or array) and
> even if it is easier in envi batch mode, would the routine
> ENVI_SUM_DATA_DOIT with the Mean option deal with the missing
> values???

>
> Looking at IDL I have managed to open HDF file from command line, read
> in appropriate data set to an array but how then could I build 3D
> array from absolutely loads of 2D arrays.

>
> Big questions I know - I am desperate to do this in a short time.
>
> Any help on any aspect much appreciated.
>
> K

Tell me more about how many bands you have in HDF file and how many
bands you want to read into IDL?
