
Subject: Re: reading multiple HDF files

Posted by [Mariolncandenza](#) on Fri, 18 Jul 2008 18:43:45 GMT

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On Jul 16, 8:54 am, julia.waltersp...@gmail.com wrote:

```
> hdfid = HDF_SD_START(hdf_file_path(i), /READ)
> varnames = HDF_SD_VARDIR (hdfid)
> index = hdf_sd_nametoindex(hdfid,
> 'Cloud_Fraction_Mean_Mean') ;varnames[Cloud_Fraction_Mean_Mean])
> varid = hdf_sd_select(hdfid, index)
> HDF_SD_GETDATA, varid, data ; - The Cloud Fraction data will >
HDF_SD_ENDACCESS, varid
> HDF_SD_END, hdfid
```

I would recommend sds_read.pro (http://www.ssec.wisc.edu/~gumley/sds_read.html). Using SDS_READ, the above code could be reduced to:
IDL> sds_read,hdf_file_path[i],data,sds='Cloud_Fraction_Mean_Mean ',/
read_all

Also, I note this is a Level 2 product you are reading, so stacking the data, while probably possible, will maybe not give you what you want, since each scene is separately geo-referenced.
