
Subject: reading multiple HDF files

Posted by [julia.walterspiel](#) on Tue, 15 Jul 2008 11:41:04 GMT

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Hi!

I'm a newbie to IDL (I used to program in MATLAB but the place i work at only has IDL licences) and i need to get some things here done asap.

I've been struggling with reading HDF files from MODIS for quiet some time now and I def need some good input!

Here's the thing:

I downloaded a bunch (hundrets) of MODIS data (e.g. MOD_06, Cloud product, daily data, years 2000-2008) in HDF format from which I need to extract the SDS "Cloud_Fraction" and plot it as a time series for a specific geographical region (Switzerland). I managed to read the files with the program hdf_read by David fanning and I have a vague idea what to do in order to read in multiple hdf files (I guess this is done with a FOR loop).

HOWEVER: I simply cannot imagine how it is possible to link single SDS' (e.g. "Cloud_Fraction") from multiple hdf files, and I don't even wanna think about displaying them as a time series or on a map of a geographic region.

Can anybody give me some good hints? anything would be greatly appreciated!!!

many many thanks

Julia
