Subject: Re: Extraction phenological events
Posted by Allard de Wit on Fri, 08 Jun 2012 09:11:45 GMT

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Dear Bandrush Barda,

To my knowledge, there is no way to do this from the standard ENVI interface. The point is that you are not interested in the values themselves, but rather the point in time where they are occurring. This can be extracted easily by programming a script in IDL, but not from the ENVI interface. Have a look at my implementation of HANTS (Harmonic Analysis of NDVI Time Series) as an example of how to process time-series in IDL/ENVI. You can find HANTS in the code library, just search with the keyword HANTS and it will be your first hit.

with best regards,

Allard de Wit

Subject: Re: Extraction phenological events
Posted by davidfredlee on Thu, 16 Aug 2012 12:37:18 GMT

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HI Allard,

I was just wondering if you could maybe offer some tips on how to use the HANTS algorithm in ENVI IDL 4.7? I'm new to IDL and it all seems to be quite overwhelming. I'm attempting to use HANTS to denoise the NDVIs of 16-Day L3 Global 250 m datasets (short name MOD13Q1) but don't understand how to implement the *.pro files included in the HANTS zip file. Is this even suitable/possible?

I would be very grateful for any help you can offer,

David Lee