Subject: Re: Smoothing image by regression in IDL
Posted by Dry in water on Sun, 04 May 2014 16:19:59 GMT
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On Saturday, May 3, 2014 5:39:36 PM UTC+8, Dry in water wrote:
> Hello all,
>
> I'd like to predict NDVI as a function of time using polynomial regression for each land cover separately and integrate them into one image. In other word, I'm going to do temporal smoothing on NDVI image.
>
> I have 2 images; one is time series 8-day NDVI image (26 bands) from Apr to Oct. Another one is Land cover image with 6 classes coded form 1-5. The reason to separate each land cover is just to reduce file size. NDVI image is very big, more than 12GB. Due to big size of image, it is taking very long time for this calculation. Then someone suggested me to use timely average data or spatial subset. Since timely information is my main point, I decided to calculate the regression for each land cover. Anyone to help me?
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> Thanks in advance