
Subject: Compare satellite images
Posted by [shilosh](#) on Thu, 09 Jul 2015 15:44:29 GMT
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Hi,
any idea how can I Compare satellite images from 2 different instruments which have different resolution, different projection and different spatial domain?
I have Meteosat Second Generation (MSG) file which is in Near Side Perspective projection and Landsat8 image in UTM projection. I want to do a pixel by pixel comparison.
I wrote a code that reproject the MSG data into UTM, but how do I proceed from here?

Shilo

Shilo Shiff
Department of Geography and Environment
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Subject: Re: Compare satellite images
Posted by [Klemen](#) on Tue, 14 Jul 2015 16:47:00 GMT
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>
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> -----
> Shilo Shiff
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Then you compare, make a difference, a scatter plot... whatever you want to compare.
But it would guess that it makes more sense to project L8 to MSG and compare it there.
Klemen

Subject: Re: Compare satellite images
Posted by [zacharyanorman](#) on Tue, 14 Jul 2015 20:19:23 GMT
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This may be something better to try in ENVI, which is made by the same developers of IDL. I would post your question to the ENVI forums on the following link, where someone with more

experience using ENVI may be able to better answer your question. Because ENVI and IDL are made by the same developers, you can also use the ENVI API to execute commands from IDL, which may be useful if you are doing image processing. Here is the link to the forum:

<http://www.exelisvis.com/Support/Forums/tabid/184/forumid/6/scope/threads/Default.aspx>
