
Subject: Re: ROI to shapefile for flood plain modelling
Posted by [lbuset](#) on Tue, 04 May 2004 10:08:52 GMT
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Hi shoaib,

I have never tried this, but if you just want to transform a set of Envi ROIs into vectors I think that you can try to convert your ROIs into a classification image with the ENVI routine "ENVI_ROI_TO_IMAGE_DOIT", and then you can convert the different classes of the image (which correspond to the different ROIs) in different vector (EVF) files with the ENVI routine "RTV_DOIT". You can find sample programs for both routines in the ENVI online Help.
I don't know if there is a routine which allows to directly convert a ROI to a vector file.

Hope this helps,

Lorenzo Busetto

sab@vpac.org (shoaib) wrote in message
news:<2642713e.0405011826.512f9d7d@posting.google.com>...

> Hi,
>
> As a beginner envi programmer,
> I'm trying to perform flood plane modelling from lidar data by
> specifying a range of elevations and a seed value, then do a fill to
> create shapefiles of areas that may be inundated by a flood scenario.
> I would like to do this for a very large data-set, preferably in batch
> mode.
>
> So far it looks like REGION_GROW may be useful by creating a vector of
> vertices representing a ROI. the next step would be to covert the ROI
> to shapefile. Any functions in IDL/ENVI that cleanly allow this
> conversion?
>
> any help is greatly appreciated.
>
> shoaib
