
Subject: Re: how can i use envi in batch mode to build mask from EVFs

Posted by [stin.wang](#) on Tue, 27 Feb 2007 00:56:00 GMT

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On Feb 27, 12:58 am, "David Streutker" <dstreut...@gmail.com> wrote:

> On Feb 24, 7:59 pm, "stin.wang" <stin.w...@gmail.com> wrote:

>

>> Hello everyone

>

>> i use idl/envi to do some statistic works. first i read landsat tm

>> into envi, calculate ndvi, and so on .

>

>> my question is how can i use envi in batch mode to build mask form

>> EVFs. It's certainly well know in ENVI , open a image and EVFs, click

>> basic tool-mask-build mask. But every month i need do it again

>> according different landsat tm image. It's really boring . I lookup in

>> ENVI library routines for such routine. but i find only

>> ENVI_MASK_APPLY_DOIT , which apply mask to a image. can anybody help

>> me solve this problem?

>

> I've never tried it, but after browsing through the help files, here's

> the direction I would take:

>

> 1. Open and read the EVF file(s) using the functions ENVI_EVF_OPEN,

> ENVI_EVF_READ_RECORD, etc.

> 2. Convert the geographical coordinates to image coordinates using

> ENVI_CONVERT_FILE_COORDINATES.

> 3. Convert the EVF polygons to ROIs using ENVI_CREATE_ROI and

> ENVI_DEFINE_ROI.

> 4. Create a mask image from the ROIs, possibly using

> ENVI_ROI_TO_IMAGE_DOIT.

> 5. Mask your image using ENVI_MASK_APPLY_DOIT.

>

> Hope that helps, and good luck.

>

> -David

I found some words about Envi_roi to image_doit , it's means that this routine is used to create a classification image from ROIs. Each input ROI represents a class in the output image. i don't know whether it can do what i what.

i'll try it ,thank you.
