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

Posted by [David Streutker](#) on Mon, 26 Feb 2007 16:58:35 GMT

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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
