Subject: Re: ENVI batch ROI

Posted by Peter Scarth on Tue, 11 Jun 2002 04:51:54 GMT

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Hi John,

This code seems to work OK in 3.5 with not-to-complex rainforest polygons.

There was a bug in 3.2 that was fixed with SP2:

The user procedure ENVI\_DEFINE\_ROI incorrectly bounded the incoming XPTS with number\_of\_lines-1 instead of number\_of\_samples-1

The 3.2 service pack 2 seems to have vanished from the rsinc web site, but you can still get it from http://www.intersys21.com/product/alldown.html It might help...

Cheers,

Peter

- "John" <jdvona@yahoo.com> wrote in message news:844e4579.0206050713.67b2d0df@posting.google.com...
- > I am not an IDL programmer and need help with a routine I developed.
- > The routine batch processes a GIS vector file with multiple polygons
- > by creating a single ROI for each individual polygon, which then
- > outputs the mean, total and standard deviation for the pixels within
- > the ROI.

>

- > The program has worked well for very simple polygons with few
- > verticies, but I found a bug, which occurs with fairly complex (eq.
- > real-world) vegetation polygons. After the routine completes if I
- > look at the ROI's in ENVI they have missing parts of the polygons,
- > weird bisections, and filled in holes that were not part of the
- > original polygon. The code which creates the ROI is below:
- > I think 3.5 has this capability but I am still running 3.2 (long
- > story).
- > Thanks for the help.