
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" <jdvana@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

> vertices, but I found a bug, which occurs with fairly complex (eg

> 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.
