
Subject: Re: vector layer comparison in IDL

Posted by [Mark Hadfield](#) on Wed, 23 Feb 2005 20:06:10 GMT

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yp wrote:

> Mark Hadfield wrote:

>

>> yp wrote:

>>

>>> Is there a sensible way to compare two exported vector layers

>>> and compute the residuals using IDL? I am sorry for asking this

>>> simple question...

>>

>> Not at all. I, for one, have no idea what your simple question

>>means. Is this some sort of GIS thing?

>

> Yes Mark, it is related to GIS. Then, you might advise to use some

> GIS package. However, I have have 100s of *files* - these files are

> basically ARC vector layers exported as ASCII files (lon, lat, ...,

> attributes). For instance, I have 50 sites where the surveys have

> been done in two different times (hence 100 ASCII tables); estimate

> the absolute changes (residuals or differences). I believe that there

> should be some way of doing it in IDL...

OK, so what do *you* think is the way to go about this and where do you foresee difficulties? Can you get the data into IDL? Do the lon and lat data differ between 2 surveys at the same site? If not, simple subtraction of the attribute data should be OK; if so, I guess you'll need to interpolate to a common grid first. Or is there more to it?

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