
Subject: Re: problem with TRIANGULATION option in CONTOUR

Posted by [David Fanning](#) on Mon, 25 Oct 2010 22:17:09 GMT

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Ardhuin writes:

- > Well, this is exactly what I do not want to do: I want to use my
- > triangulation because it contains the information on the grid
- > connectivity (islands are "holes" in the grid where the contouring
- > should not do any filling).
- >
- > I have put the basic dataset at this ftp address:
- > ftp://ftp.ifremer.fr/ifremer/cersat/products/gridded/wavewat_ch3/TOOLS/IDL/BUG/
- > with some illustrative plots. The standard contour fills everything,
- > including land. If I do a TRIGRID before a TV then I get what I want:
- > land and Islands are blank... but I'd like to do this with contour to
- > use the native data resolution...

It seemed to me you wanted to put a contour plot on top
of an image, so that's what I've shown you how to do.
You will need Coyote Library programs to run the code.

<http://www.dfanning.com/programs/coyoteprograms.zip>

You can find the program I wrote, and a PNG file of what
the output looks like here:

http://www.dfanning.com/misc/contour_on_image.zip

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Seppure ma de ni thui. ("Perhaps thou speakest truth.")
