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Subject: Bounding

Posted by [Lazzar](#) on Tue, 09 Nov 1999 08:00:00 GMT

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I am looking for some help with interpolating a surface from ungridded data points. I have several thousand measurements in a river with corresponding latitudes and longitudes for each of the points. I would like to make a surface of these data, but have run into a small problem. I have been using a combination of TRIANGULATE and TRIGRID to grid the data into a surface, however I end up with data being interpolated outside the bounds of the river. Is there any way to bound the resulting grid to only include data within the river banks? Also, is there any way to determine a variance associated with the interpolation?

Thanks for any help you can provide,

Brian

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