
Subject: Re: interpolation for resizing

Posted by [ben.bighair](#) on Sun, 07 Dec 2008 16:57:20 GMT

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On Dec 5, 11:04 am, "Jean H." <jghas...@DELTHIS.ucalgary.ANDTHIS.ca> wrote:

>> I guess you didn't read my question properly (although I maybe didn't
>> have to ask it in this thread to avoid this, but I didn't want to make
>> a new thread because of David's post several days ago). I'm not trying
>> to resize anything. I just want the -999 or NaN (I make them with !
>> Values.F_NAN option btw.) values to have a value in the b array that
>> is calculated by interpolation (for instance: the IDW of the
>> surroundig pixels in a 3x3 window).

>

>> So sorry for the mixup and thanks if you guys still feel like finding
>> a solution for this.

>

> Hi,

> ah, now you give more information... a 3*3 window, and IDW... well, the
> "do it yourself" solution is the easiest... You can put that in a
> function or else.

>

Hi,

I am not sure if I am following this new twist (isn't IDW a type of root beer?) I should point out that IDL's built in GRIDDATA routine will accept polygonal breaks in interpolation (such as a polygon describing the break between land and water). I have found that it works well even if it is a pain to develop the polygons. That might be just what you are looking for. It is worth getting over the hump to learn the ins-and-outs of GRIDDATA if you will be doing this kind of thing often.

Cheers,
Ben
