
Subject: Re: Resample (neighborhood averaging) a 3D array with missing data
Posted by [zhangj.sdu](#) on Mon, 02 Dec 2013 10:35:02 GMT

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On Monday, December 2, 2013 12:55:09 PM UTC+8, Matthew Argall wrote:

> You could try using SMOOTH(array, WIDTH=4, /NaN), then replace NaNs in the original array by the result of the smooth. Then use REBIN.

Thanks, Matthew. It doesn't work when the NaNs are on the edge of 4x4 pixels.

When averaging over each 4x4 pixels sub-image, the NaNs within them should be ignored, like MEAN(sub-image, /NaN)

Clark
