Subject: ArcGIS interpolation without zeros in grid cells
Posted by skovmand on Fri, 17 Nov 2017 14:59:32 GMT
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I work on the Liberian DHS 2013 GPS dataset in ArcGIS. I have created 1375 grid cells covering Liberia. Then spatial joined the DHS GPS data of population density assigning as mean values for all the respondents in each EA represented in a cell. The challange is only 100 of 1375 cells of DHS surveys are only representative for that location and cannot inform about nonsampled locations.

I want to do an interpolation, so all grid cells have information, but when I use the geostatistical analyst wizard it includes zeros in the interpolation. How do I fill the empty cells with interpolated predicted values, without the zeros counting?

As you can see in the diagram to the right. The zeros are really bad.

Thank you
skovmand

File Attachments
1) predicted values.png, downloaded 463 times