Subject: Re: Extracting values from geospatial covariates to GPS points.
Posted by alexiaamber on Wed, 09 Jul 2025 04:25:21 GMT

geoK wrote on Wed, 20 March 2024 09:23Hi, I have been using DHS GPS points in the past, and used buffers around the points when extracting values from geospatial covariates (2km if urban cluster, 5km buffer if rural cluster). Now I have come across this paper https://spatialdata.dhsprogram.com/references/DHS_Covariates _Extract_Data_Description_3.pdftime calculator and I was wondering if the overall guidelines on extraction are moving away from the buffers method to extracting to the actual point (although displaced)? Many thanks!
Hi there,

Thank you for sharing information about using DHS GPS points. Based on the document you provided, it seems that the new guidelines are shifting towards extracting data directly from the points, even if they are displaced. This could improve the accuracy of the data and minimize biases from using buffer zones.

However, I believe that using buffers can still be useful in certain cases, especially when considering surrounding environmental factors. You might want to experiment with both methods to see which one better suits your research needs.