SAMPLING SIMULATIONS IN SHINY

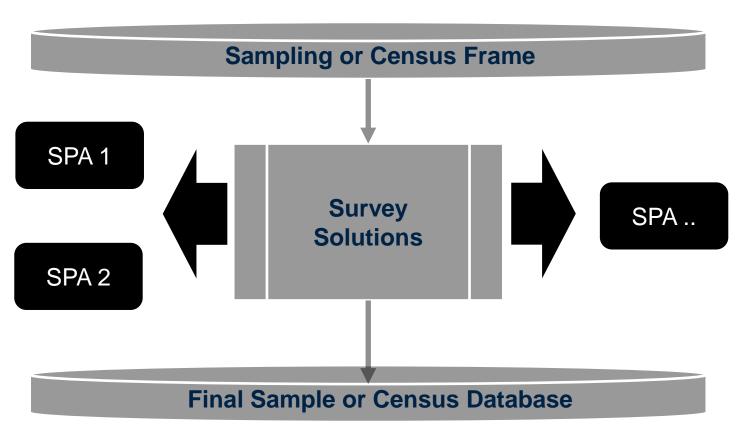
PART OF THE SURVEY SOLUTIONS SPECIAL PURPOSE APPLICATIONS (SPA) SERIES



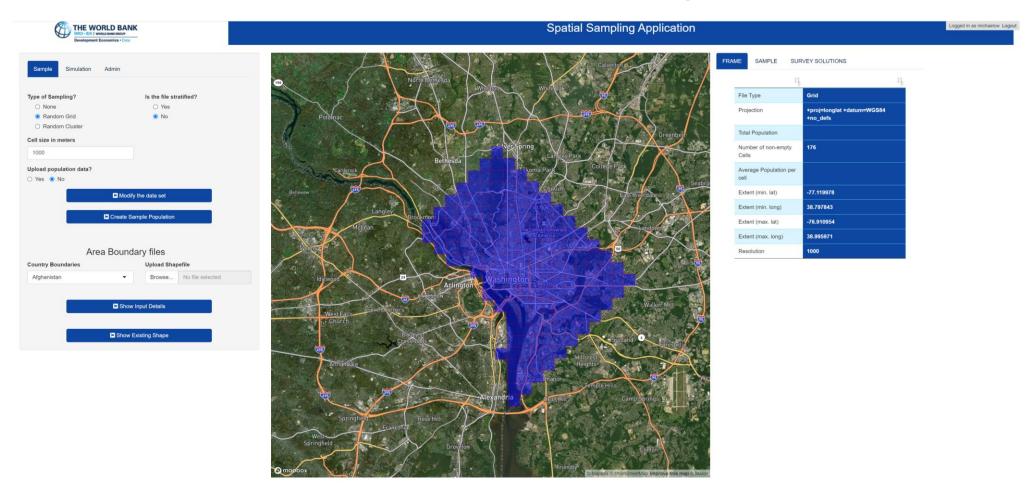
Dr. Michael Wild, Senior Statistician, Development Economics Data Group, Analytics and Tools Section

Main Data Stream and SPAs

- Main operations for data collection are carried inside Survey Solutions
- To support different use cases customization through an Application Programming Interface is possible.
- Special Purpose Applications (SPA) extend
 Survey Solutions' default functionalities
- SPAs cover areas for the Preparation, the Implementation and Dissemination of census and survey data.
- SPAs aim to bridge skill gaps so users can used advanced methodologies right away with a shiny user interface.



Demonstration Spatial Sampling App

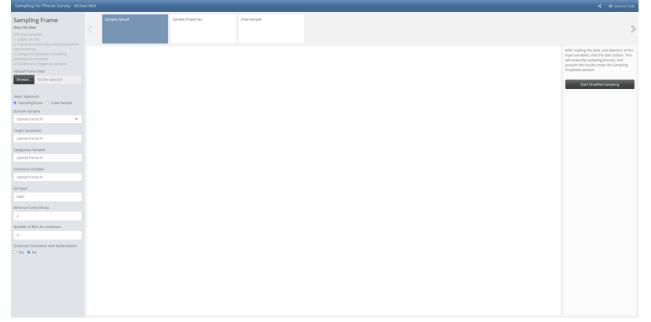


https://apps4dev.mysurvey.solutions/SpatialSampling/

Demonstration Optimal Sampling App

START THE APP FROM YOUR CONSOLE

CONTINUE IN LOCAL BROWSER



Thank you for your attention!



Michael Wild

Survey Specialist



This page in: English

Michael Wild is a survey and sampling expert in the Survey Unit of the Development Data Group (DEC-DG), at The World Bank. He has joined the unit in 2014, whilst still holding a tenure track position at the Department for Social Statistics and Demography at the University of Southampton, UK. Before that he has worked as an adviser and senior adviser in several statistical agencies in developing and transition countries.

His main research interest is on Data quality in official statistics in developing countries as well as the promotion of evidence based policy making.

Current research focuses on new ways of data collection, the use of Big and Remote Sensing Data in official statistics as well as innovative sampling methods. Besides the applied nature of his research, his emphasize is on making the results of this research available to statisticians in developing countries, by programming SPAs (Special Purpose Applications) mostly in R's shiny framework as well as by long term capacity building initiatives. For any questions on the latter, please feel free to get personally in touch with him.