

Designing and Implementing Gridded Population Surveys

September 28, 2022

1 hour 15 minutes

Starting: 07:00 Seattle, 09:00 Bogotá, 10:00 New York, 15:00 London, 16:00 Cape Town, 17:00 Nairobi, 19:00 Karachi, 19:30 Mumbai, 21:00 Jakarta

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Abstract

Household surveys are a primary source of information for official statistics (including one-third of SDG indicators), opinion polls, rapid needs assessments, and program evaluations. Traditional surveys have long suffered from outdated or inaccurate census sample frames, and survey inaccuracies are exacerbated by increasingly complex urban environments with highly mobile or large informal populations.

Household surveys based on gridded population sample frames emerged more than a decade ago as an alternative to outdated or inaccurate census sample frames, with new methods to identify “hidden” urban populations. Rapid evolution of the inputs and methods to produce gridded population datasets means that these sample frames are increasingly accurate and fine-scale, enabling new survey designs that reduce time and resources spent in the field, and minimize face-to-face contacts in the era of COVID-19.

This webinar corresponds with the launch of [Designing and Implementing Gridded Population Surveys](#), a manual with step-by-step tutorials for survey practitioners. The session provides guidance about the datasets and tools used in gridded population surveys, and reviews three real-world comparisons between traditional census surveys and gridded population surveys in Uruguay, Nigeria, and Nepal. Survey statisticians in government, the private sector, academia, and the non-profit sector should find this session informative whether or not they plan to use gridded population sampling.

Agenda:

20 min: Overview	Inter-Secretariat Working Group on Household Surveys	Opening
	Dana R Thomson <i>Consultant, University of Twente</i>	What is gridded population sampling? Who uses gridded population sampling and for what ? When is/isn't gridded population sampling appropriate?
30 min: Comparisons of census vs gridded population surveys	Sarah Staveteig Ford (<i>tentative</i>) <i>US Department of State</i>	Uruguay Election Survey <i>Publication: https://doi.org/10.1080/13645579.2022.2091200</i>
	Michael Imohi <i>National Bureau of Statistics</i>	Kaduna, Nigeria Nutrition Survey
	Dana R Thomson <i>Consultant, University of Twente</i>	Kathmandu, Nepal Equity Survey <i>Publication: https://doi.org/10.1007/s11524-020-00485-z</i>
25 min: Q&A	Dale A Rhoda <i>Biostat Global Consulting</i>	Questions & answers