



Contribution ID: 37

Type: **Regular Presentation**

The Role of Metadata in CATI for a Public opinion Survey

Wednesday, 4 December 2024 14:25 (20 minutes)

Abstract: Year 2017, People of Bangladesh were facing many problems due to electricity shortage. The overall objective of this survey was to gather opinions on electricity supply, multiple electricity consumption levels, satisfaction with electricity provision, perceptions of quality and electricity-saving strategies in Bangladesh. 'Opinion survey on Power supply' has been successfully completed. Thirty thousand (sample) Bangladeshis participated in the survey, where digitalization of data collection in CATI, was the first time in Bangladesh. Therefore, a new statistical metadata repository, called Metabase (metadata + database), is being set up and relies on two containers. One dedicated to the questionnaires, variables and their codification is called a Colectica Repository. Information is stored in an international DDI format along with Nesstar Publisher. Others host all related metadata, described in more appropriate GSBPM models. A more innovative idea was to link those two repositories together to use metadata throughout the process, from needs analysis to statistical results and assessment, in order to develop metadata driven processes. The results suggest that using mobile phones for short and frequent surveys can generate high-quality data faster and more cheaply on a per-survey basis than traditional methods and can be a valuable complement to more expensive conventional surveys.

Primary author: Mr ROY, Chandra Shekhar (Bangladesh Bureau of Statistics)

Co-authors: Mr FARHAD, Md Shahadat Hossain (Labcom Technology.); Mr SARKAR, Nayan (Nano Information Technology)

Presenter: Mr ROY, Chandra Shekhar (Bangladesh Bureau of Statistics)

Session Classification: Official Statistics