Applying GSBPM to processes based on new data sources

Speaker: Giorgia Simeoni, Istat

Author(s): Gabriele Ascari, Giorgia Simeoni (Istat, Italy)

Abstract

Widely adopted by the international official statistics community, the Generic Statistical Business Process Model (GSBPM) has undergone many changes before settling to its current form and is still under revision to be further improved. Released in 2009, the evolution of the model has followed the innovations in the official statistics production, mantaining the flexibility that has guaranteed its worldwide success. Such flexibility has allowed the model to be used for the description and mapping of different types of statistical processes, from traditional surveys to processes relying on the use of integrated multiple sources and even geospatial data. However, while the adaptability of the model to many of the ongoing procedures of statistical offices is undisputed, its ability in dealing with processes using big data sources and trusted smart statistics is still under scrutiny. This work investigates the challenges posed by new processes involving innovative data sources in the attempt to represent and document them with the model.