Virtual Event 15-18 June 2020

2020 Asia-Pacific Statistics Week

Leaving no one and nowhere behind

Integrated statistics need to be based on sound methodologies. The ever-expanding data ecosystem calls for greater integration and harmonization of data from all sources. But which methods should one use to achieve optimal results and generate data and indicators that are fit-for-purpose, reliable and of high quality.

In this session, authors will immerse audience in six diverse integration methodologies including: ARIMA, Singular Spectrum Analysis (SSA), and ARIMA-SSA hybrid models for economic growth forecasting (Indonesia); environmentally-extended input-output tables (Indonesia), text mining methods to improve record linkage quality for price indices (Islamic Republic of Iran), a "Cost of a Recommended Diet (CoRD)" method to measure the trends and spatial variation in the cost of nutrition (Islamic Republic of Iran), a GSBPM-based business process specifically designed for big data usage (Indonesia) and a methodology for measuring visitors to an event as well as their mobility using mobile positioning data (Indonesia)

Authors will reflect on their papers by:

1. Sharing three features of the statistical measurement framework for SDGs in their country e.g. involves surveys, accounts and big data sources, is led by the National Statistical Office, has measurement gaps

2. Sharing an example of data from different sources being integrated in a coherent and consistent manner to produce statistical products that support integrated analysis of sustainable development issues (e.g. via I-O tables, record linkage, ARIMA).

We promise to get you hook from start to finish as the session will be structured to provide more than one opportunity for discussion in addition to hearing the presentations. Come and learn how Asian statisticians and modellers are leading the work on data integration and analysis.

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Session SC1

Approaches to integrated analysis: use of sound methodologies

Monday 15 June 2020

13:00 – 14:30 h. (Bangkok time)

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Download the Session Papers

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