

ABSTRACT N.111: “In the Construction of an International Agricultural Data Quality Assessment Framework (ADQAF)”

FAO Statistics Division and Uganda Bureau of Statistics
29 July 2010

The fact that there is still no ADQAF yet at either the global or the national level until now is not very surprising as the DQAF for the overall official statistics is still under development and not completed yet; the situation itself however is untenable with the urgency and needs pressed by users for timely and better quality agricultural statistics as reflected in the Global Strategy for Agricultural Statistics. As a specialized area and subset of the overall official statistics, data collection, compilation, and dissemination of agricultural statistics are often carried out by statisticians in the Ministries of Agriculture (MoAs) rather than the National Statistical Offices (NSOs), an ADQAF is supposed to be simpler and easier than the DQAF for the overall official statistics; and thus ADQAF should be a pioneer rather than a laggard in the development of the overall DQAF.

In this paper, a framework of the ADQAF will be proposed based on the principles, guiding rules, and methodology that have been developed for the overall DQAF. The proposed ADQAF will be tested from both the global and national perspectives, especially the previous experience in compiling agricultural metadata in different continents and countries. The field data and metadata collected for agricultural statistics in Uganda will be used as a country case study to test out the proposed ADQAF. As a result, the proposed ADQAF along with its components, i.e. a minimum set of indicators, and the required inputs, i.e. metadata set, will be presented. Such an ADQAF will be valuable and useful to provide a starting point for further discussion and future development in this area. Related issues, problems, and difficulties will be discussed at ICAS-5.

Key words:

DQAF; ADQAF; Global Strategy for Agricultural Statistics; Data; Metadata; and ICAS-5.