



## ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

<b>TWENTY-SIXTH SESSION</b>
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<b>Agenda Item 6.2</b>
<b>Outline of the WCA 2020, Volume 2: Operational Guidelines on implementing Census of Agriculture</b>

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# Outline of the WCA 2020, Volume 2

**Operational Guidelines on implementing Census of Agriculture**

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# Outline of the presentation

- **Background of Vol. 2**
- **Approach**
- **Content**
- **Structure and format**
- **Outline**
- **Way ahead**
- **Points for discussion**



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## Background of WCA 2020, Volume 2



The second volume of WCA 2020 will:

- Deal with the practical details on the steps involved in actually conducting an agricultural census.
- Be a revised and updated edition of “Conducting Agricultural Censuses and Surveys” (FAO, SDS6, 1996) which was a “light” update of the “Taking Agricultural Censuses” (FAO, 1978).



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# Background of WCA 2020, Volume 2 cont'd

- Approach and content of the Census Programme and the implementation modalities have substantially changed (compared with WCA 2010)
- Policy, statistical methodology and technological environment have significantly evolved during the last two decades
- Developments on statistical methods and technological tools relevant to conducting agricultural censuses and surveys in the 21<sup>st</sup> Century
- Growing demands for more data and the scarcity of resources for census taking create new challenges for a cost-effective census



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## Approach to WCA 2020, Vol. 2

- WCA 2020, Vol. 2 will be more than an updating of existing publications, it will entail a whole new approach.
- It will consider innovative approaches taking into consideration new features of Vol. 1 of WCA 2020, advances in statistical methodology and fast growing digital and mobile technology (so called “data revolution”)
- It will build synergies and complementarity with a wide range of existing results and publications of relevant statistical programmes, such as:
  - Cost-effective methodologies and tools developed under the Research Programme of the Global Strategy to Improve Agricultural and Rural Statistics.
  - Other methods and tools developed by FAO and others (UNSC, World Bank, etc.).



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## Content of WCA 2020, Vol. 2

Vol. 2 of the WCA 2020 will provide clear guidelines that will serve as reference document for statisticians in countries in designing and implementing agricultural census operations. It will show:

- **How to prepare** a strong national census proposal which demonstrates value for money with good examples on factors that can facilitate the mobilization of resources in-country
- **How to implement** the four census modalities: (i) classical census, (ii) modular census, (iii) integrated census/surveys and (iv) combined census with administrative sources, explaining requirements, advantages and limitations.
- **Updated guidance** on legal and institutional framework, work planning, budgeting and expenditure control, staff recruitment, and training with examples of good practices.



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## Content of WCA 2020, Vol. 2 – cont'd

- Examples of good practices in preparing census instruments and other practical material.
- References to cost-effective methodologies and tools such as building and using Master Sampling Frames (MSF), Agricultural Integrated Surveys Programme (AGRIS), Use of remote sensing for agricultural statistics, Improving quality and use of administrative data, Improving data collection methods, CAPI package, safe access to anonymized agricultural micro-data.



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# Structure and format of WCA 2020, Vol. 2

The structure of the new Volume 2 should be flexible enough and easy to update to address the following aspects:

- **Aspects that do not change so rapidly** such as: legislation, governance, management, planning, budgeting, staffing, and some technical aspects. These aspects will be presented in detailed text in hardcopy.
- **Aspects that change frequently** such as those related to technology, tools and methods. Short introductions/summaries will be provided for these aspects with hyperlinks to more detailed resources, publications, examples and other materials.
- Examples and country practices would be part of a web-based knowledge & information system and could also be included in electronic format as CD-ROM or Pen drive attached to the back cover. This approach will provide practical guidance to countries in a flexible manner with periodical updates.



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## Outline of WCA 2020, Vol. 2

- **Chapter 1:** Introduction - Building the business case for the Census of Agriculture (*paper text*)  
This chapter will aim at assisting those responsible of census of agriculture in making a good case with decision makers and resource partners on why they should invest in the census, what will be done to ensure value for money is achieved. Options to reduce costs will be discussed.
- **Chapter 2:** Modalities to census taking (*paper text with hyperlinks to good country examples*)  
This chapter will provide a detailed description of four modalities for conducting an agricultural census together with requirements, advantages and limitations:
  1. Classical census: one-off operation (usually full enumeration)
  2. Modular census: with core module (full enumeration) and supplementary modules (on sample basis)
  3. Integrated census/survey: a ten-year modular agricultural census/survey program to be conducted on an annual basis between two censuses
  4. Combined census with use of administrative sources



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## Outline of WCA 2020, Vol. 2 – cont'd

- **Chapter 3: Census framework** (*paper text with hyperlinks to good country examples*)  
This chapter will discuss legal and institutional frameworks, work planning, budgeting and expenditure control, publicity, tabulation plans and quality assurance.
- **Chapter 4: Census taking** (*short text with hyperlinks to detailed/dedicated sites or publications with examples*)  
This chapter will provide census managers and officers with practical tools and methods that best suits their situation and the census approach that they want to follow. It will be articulated around the various phases of census taking, from preparation to field work, data processing, analysis and dissemination. Emphasis will be put on the use of information technology in the various phases:
  - 4.1 Census preparation
  - 4.2 Data collection
  - 4.3 Census data processing, quality evaluation and archiving
  - 4.4 Census data analysis and dissemination



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## Outline of WCA 2020, Vol. 2 – cont'd

- **Chapter 5: Main steps and toolkit recommended for each census modality** (*mainly text*)  
This last chapter will reconcile chapter 2 (census modalities) and 4 (census preparation, data collection, processing and dissemination) and provide a summary of practical steps and recommend tools for the effective implementation of each census modality. Cross references will be provided to relevant sections of earlier chapters.



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# Way ahead for preparation of Vol. 2, WCA 2020

Activity	Period
<b>Consultations</b>	
External consultations on the annotated outline: countries, experts, int'l organizations	Jul-Dec 2015
Discussion papers/presentations in regional & international meetings: IICA, AFCAS, APCAS	Dec 2015-Feb 2016
<b>Drafting</b>	
Finalization of the outline of Vol. 2	Feb 2016
Preparation of drafts of Vol. 2	2016
<b>Validation</b>	
Peer review of draft Vol. 2: countries, experts and int'l organizations	Late 2016
<b>Publication and dissemination</b>	
Revision, edition, layout, publication and dissemination	Late 2016 onwards



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## Points for discussion

- General views on the content, structure and outline
- Views on the format (parts in hardcopy and parts with hyperlinks to web-based resources and country examples)
- Specific comments on the five chapters proposed



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**THANK YOU!**



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