



Food and Agriculture Organization  
of the United Nations

**COMMITTEE OF EXPERTS ON FOOD SECURITY, AGRICULTURAL AND RURAL STATISTICS  
(UN-CEAG)  
(3rd Meeting)**

**Virtual Meeting**

**Thursday, February 17<sup>th</sup>, 2022 - 9.00 AM – 12.00 PM (New York/EST time)**

### **Introduction**

The Committee of Experts on food security, agricultural and rural statistics aims to develop and document good practices and guidelines on concepts, methods and statistical standards for food security, sustainable agriculture and rural development statistics. As such, the Committee has also the mandate to provide overall vision, coordination, prioritization and direction for the development of this statistical field and ensure its complementarity and integration in other relevant economic, social and environmental statistical framework.

The **Programme of Work (2020-23)** of the Committee was endorsed by the UN Statistical Commission at its [51st session](#) and focuses on four activities: (i) the development of national data quality assurance frameworks for agricultural statistics, (ii) the development of methods and standards for the use of alternative data sources in producing food and agricultural statistics at the national and international levels, (iii) the development of innovative methods for producing real-time statistics at the country level, and (iv) conducting methodological research in the domain of food security statistics to further improve their relevance and accuracy.

As of February 2022, the **three task-teams** created under the UN-CEAG have carried out substantive work on the following topics: 1) Food security and food consumption measurement; and 2) National Quality Assurance Framework for Agricultural Statistics and 3) the Use of Earth Observation data for Agricultural Statistics. For the latter, the Committee's contribution to the development of methods for the Use of Earth Observation data for Agricultural Statistics has been organized through a joint task team composed of members of the UN-CEAG and of the task team on Satellite Imagery and Geo-Spatial Data for agricultural statistics under the umbrella of the [Global Working Group on Big Data](#) for official statistics.

### **Objectives of the meeting**

This meeting aims to:

- discuss progress made in the implementation of the work programme (2020-23), in particular the preliminary results achieved by the UN-CEAG task teams on 1) Food security and food consumption measurement; and 2) National Quality Assurance Framework for Agricultural Statistics and 3) the Use of Earth Observation data for Agricultural Statistics;
- provide comments and direction on the activities and outputs of the various task teams and agree on the proposed additional consultation mechanisms and timelines;
- discuss additional topics of interest in food security, agriculture and rural statistics relevant to the work of the UN-CEAG that could be included in its programme of work.

## Targeted Audience

Both UN-CEAG member and non-member organizations are invited to participate in this meeting and provide their views on the topics discussed. They might be represented by the 2022 UNSC official delegations and/or technical staff involved in the production of food security, agriculture and rural statistics.

## Background documents

UNSC. 2022. *Report of the Food and Agriculture Organization of the United Nations on agricultural and rural statistics (E/CN.3/2022/23)*, to be presented at the 53<sup>rd</sup> session of the UN Statistics Commission (item 3 (s)). Available in [Arabic](#), [Chinese](#), [English](#), [French](#), [Russian](#) and [Spanish](#)

UNCEBD and UNCEAG. 2022. *Trusted methods: Lessons Learned and Recommendations from Select Earth Observation Applications on Agriculture*. Background document to be presented at the 53<sup>rd</sup> session of the UN Statistics Commission (items 3 (s) and 3(u)). Available here: <https://unstats.un.org/unsd/statcom/53rd-session/documents/BG-3s-3u-AgricultureAndBigData-E.pdf> .

FAO and The World Bank. 2018. *Food data collection in Household Consumption and Expenditure Surveys. Guidelines for low- and middle-income countries*. Rome. 104 pp.

Available here: <https://www.fao.org/publications/card/en/c/CA1561EN/>

FAO. 2022. *Assessing a proxy for the variability in usual dietary energy intake with household-level data*. Draft paper circulated for the meeting – not to be quoted

[https://drive.google.com/file/d/1prhMJULSMEzQrk0PhWqrllLa\\_k1vhgWz/view?usp=sharing](https://drive.google.com/file/d/1prhMJULSMEzQrk0PhWqrllLa_k1vhgWz/view?usp=sharing)

FAO. 2022. *Annex -Assessing a proxy for the variability in usual dietary energy intake with household-level data. Calculation of MDER and XDER*. Draft circulated for the meeting - not to be quoted

<https://docs.google.com/spreadsheets/d/1VRvqaKfVU-2xwMLjGKDr-QWSgvbSO66w/edit?usp=sharing&oid=100558866335092502772&rtpof=true&sd=true>

FAO. 2022. *Household Consumption and Expenditure Surveys and the prevalence of nutrient inadequacy*.

Draft paper circulated for the meeting – not to be quoted

<https://drive.google.com/file/d/1vf3JwVg6e76sVeTaUFQ5PNHEG1Z3YgvY/view?usp=sharing>

UN-CEAG. 2021. *National Quality Assurance Framework (NQAF) for Agriculture Statistics: Checklist for self-assessment of Crops and Livestock Production Statistics*. Document circulated for this meeting

[https://drive.google.com/file/d/1Ae1Bv13bdo1WeTg3oN\\_jACeQP8k-NUuL/view?usp=sharing](https://drive.google.com/file/d/1Ae1Bv13bdo1WeTg3oN_jACeQP8k-NUuL/view?usp=sharing)

UN-CEAG. 2021. *National Quality Assurance Framework (NQAF) for Agriculture Statistics: Checklist for self-assessment of Crops and Livestock Production Statistics – Mechanism for the assessment*. Document

circulated for this meeting <https://drive.google.com/file/d/17SB9velFE9aK6xsmBd9LkkgT-UVy2-xz/view?usp=sharing>

UN-CEAG. 2021. *National Quality Assurance Framework (NQAF) for Agriculture Statistics: Pilot test of the checklist for self-assessment of Crops and Livestock Production Statistics*. Document circulated for this

meeting [https://drive.google.com/file/d/1Hh\\_SjBP5zGgaXCOMIFvsHu4nl5liZNC8/view?usp=sharing](https://drive.google.com/file/d/1Hh_SjBP5zGgaXCOMIFvsHu4nl5liZNC8/view?usp=sharing)

UN-CEAG. 2021. *National Quality Assurance Framework (NQAF) for Agriculture Statistics: Report on the Observance of Standards and Best Practices for Crops and Livestock Production Statistics - Template*.

Document circulated for this meeting <https://drive.google.com/file/d/1iYOGGigQOHZER0-WZ8IG0sS6tg3ZO2xK/view?usp=sharing>

UN-CEAG. 2022. *National Quality Assurance Framework (NQAF) for Agriculture Statistics: Checklist for self-assessment of Agricultural Producer Price statistics*. Document to be circulated for this meeting

### **Logistics**

The meeting will be held virtually through Zoom. Participants must register through the link below to receive meeting credentials.

[Registration link](#)

## MEETING AGENDA

**Chair:** Susana Patricia PEREZ CADENA, Deputy Director General of Economic and Agricultural Censuses, National Institute of Statistics and Geography, Mexico

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<b>9:00-9:10</b>	<b>Introduction</b> <ul style="list-style-type: none"><li>- Welcoming remarks</li><li>- Objective of the meeting</li><li>- Adoption of the agenda</li></ul>
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<b>ITEM 1</b> <b>9:10-11:10</b>	<b>Updates on the work of the UN-CEAG</b>
9:10-9:50	<b>a) Data quality standards and assessment framework for key food and agricultural data</b> - Chair: Mr Kadarmanto (BPS - Indonesia) <ul style="list-style-type: none"><li>• <i>Updates on the development of quality assessment tools for key food and agricultural data</i> – Mr Kadarmanto (BPS - Indonesia)</li><li>• <i>Presentation of the self-assessment tool on crop and livestock production statistics and pilot results</i> –Mr Marcello D’Orazio, FAO</li><li>• <i>Presentation of the self-assessment tool on producer prices</i> – Ms Katherine Pegler, FAO</li><li>• <i>Next steps</i> – Mr Gary Jones, FAO</li></ul> Questions/Discussions
9:50-10:30	<b>b) Use of Earth Observation data for agriculture statistics</b> - Chair: Mr Eduardo Vazquez Andrade (INEGI-Mexico) <ul style="list-style-type: none"><li>• <i>Updates on the joint of the joint task on the use of EO data</i> – Mr Eduardo Vazquez Andrade (INEGI-Mexico)</li><li>• <i>Trusted methods: Lessons Learned and Recommendations from Select Earth Observation Applications on Agriculture – Presentation of the background paper</i> – Ms. Sara Burns (Statistics Canada) and Ms. Maria Ximena Correa Olarte (DANE-Colombia)</li></ul> Questions/Discussions
10:30-10:40	<b>Break (10 minutes)</b>
10:40-11:10	<b>c) Methodological improvement of food consumption and food security statistics</b> – Chair: Ms Ellen Cathrine Kiøsterud (Statistics Norway) <ul style="list-style-type: none"><li>• <i>Updates on the UN-CEAG five projects to improve food security monitoring</i> – Ms Ellen Cathrine Kiøsterud (Statistics Norway)</li></ul>

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- Zoom-in on project 2: Extending the FAO prevalence of undernourishment methodology to assess the prevalence of nutrient inadequacy using household consumption and expenditure surveys – Mr Carlo Cafiero (FAO)
  - Zoom-in on project 3: Estimating the prevalence of undernourishment from individual dietary intake data - Mr Carlo Cafiero (FAO)
  - Zoom-in on project 4: Recent development in the use of FIES worldwide: moving beyond SDG monitoring - Mr Carlo Cafiero (FAO)
  - Zoom-in on project 5: Guidelines on processing food consumption data from HCES - Ms Ellen Cathrine Kjøsterud (Statistics Norway)

Questions/Discussions

**Additional topics of interest in the areas of Food security, agriculture and rural statistics**

**ITEM 2  
11:10-11:50**

11:10-11:40

**a) Food away from home – Recommendations from the 2018 guidelines and outstanding issues** – Chair: Ms Ellen Cathrine Kjøsterud (Statistics Norway)

- Interventions from the Kevin Robert McGee (World Bank) and Michael Sharp (Pacific Community (SPC))

Questions/Discussions

**b) Other topics of interest from the audience**

11:40-11:50

Questions/Discussions

**Any other business**

**ITEM 3  
11:50-11:55**

*Concluding remarks*

**ITEM 4  
11:55-12:00**

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