

ITALY - ROME

FAO HEADQUARTERS

# Seventh International Conference on Agricultural Statistics

Rome  
26-27-28  
OCTOBER  
2016

# Modernization of Agricultural Statistics in Support of the Sustainable Development Agenda

USEFUL INFORMATION

 **GREEN ROOM**  
**A1-22**

 **IRAN ROOM**  
**B1-16**

 **ETHIOPIA ROOM**  
**C2-85**

 **PHILIPPINE ROOM**  
**C2-77**

 **GERMAN ROOM**  
**C2-69**

 **AUSTRIA ROOM**  
**C2-50**

**OTHER ROOMS**

WEDNESDAY | 26 OCTOBER 2016

7:45 - 9:30 **SECURITY CONTROL**  
Visitor Centre

**REGISTRATION**  
Turkish Registration Centre - **Building A0**



**WELCOME COFFEE** LIBRARY FOYER **BUILDING A 0**

**CONFERENCE MATERIALS**  
Building A1

9:30 - 10:45

**OPENING CEREMONY**

José Graziano Da Silva | Director-General | FAO | Rome | Italy  
Maurizio Martina | Italian Minister for Agricultural, Food and Forestry Policies  
Pierfrancesco Sacco | Permanent Representative of Italy to UN Agencies in Rome | Italy  
Giorgio Alleva | President | Istat | Rome | Italy  
Pietro Gennari | Chief Statistician and Director, Statistics Division | FAO | Rome | Italy

**PLENARY SESSION-1**  
**MODERNIZATION OF AGRICULTURAL STATISTICS TO RESPOND TO NEW MULTIDIMENSIONAL DEMANDS**

SO and Presenter:  
**G. Alleva**

11:00 - 12:30

**A.03 MEASURING THE SOCIAL DIMENSION OF AGRICULTURE**

**SO: B. Davis**  
K. Kadir; Indonesia  
S. Ligane Massamba; IFPRI  
E. Schmidt; IFPRI  
A. Carraro; FAO

**C.16 MEASURING FOOD PRICE VOLATILITY AND PRICE TRANSMISSION**

**SO: S. Dubey**  
J. B. Habyarimana; Rwanda  
C. Nyamutowa; Zimbabwe  
O. A. Obayelu; Nigeria  
P. Spiewanowski; Poland  
K. Schroeder; USA

**D.25 MEASURING THE VALUE OF ECOSYSTEMS SERVICES, LAND DEGRADATION AND BIODIVERSITY LOSSES**

**SO: S. Lucci**  
N. Umidjan; Uzbekistan  
F. Kies; Italy  
M. Vizzarri; Italy  
A. Palmieri; EU  
E. Gotor; Bioersity

**B.07 MEASURING PRODUCTIVITY IN AGRICULTURE, FISHERY, AND FORESTRY**

**SO: C. Carletto**  
L. Baleseng; Botswana  
U. C. Sud; India  
T. Kim; Republic of Korea  
H. Moylan; World Bank

**G.44 SAMPLING AND MEASUREMENT PROBLEMS FOR AGRICULTURE CROP PRODUCTION ESTIMATION**

**SO: R. Gismondi**  
W. Zhou; China  
T. Ceccarelli; The Netherlands  
J. Gallego; EU  
E. Ouedraogo; FAO

**F.32 USE OF ADMINISTRATIVE DATA FOR AGRICULTURAL STATISTICS**

**SO: N. Keita**  
A. M. Ssekiboobo; Uganda  
S. Perez; Mexico  
J. Seay; Canada  
U. Svensson; Sweden  
T. Tuoto; Istat



**LUNCH** BLUE BAR **BUILDING C 8**

14:00 - 15:30

**A.04 MEASURING THE SOCIAL DIMENSION OF AGRICULTURE**

**SO: B. Davis**  
A. Tomo; Mozambique  
G. Zane; UK  
T. Kilic; World Bank  
S. Handa; UNICEF  
A. Arslan; FAO

**C.20 COMPETITIVENESS INDICATORS OF AGRICULTURE AND OF THE AGRIBUSINESS SECTOR**

**SO: C. Russo & F. G. Wijnands**  
K. A. Akanni; Nigeria  
A. Top; Republic of Korea  
A. Carbone; Italy  
M. Mazziotta; Istat  
M. Vander Donckt; FAO

**D.24 STATISTICS ON WATER RESOURCES AND WATER USE EFFICIENCY**

**SO: B. Rater**  
S. Auci; Italy  
G. Palmegiani; Italy  
S. Ligane Massamba; IFPRI  
D. Vignani; Istat

**B.08 DETERMINANTS OF AGRICULTURAL PRODUCTIVITY**

**SO: Alberto Zezza**  
E. R. Elsheikh; Sudan  
A. E. Obayelu; Nigeria  
T. G. Sakketa; Germany  
F. Vidoli; Italy

**G.43 MODELLING FOOD, NUTRITION AND AGRICULTURAL MARKETS: UNDERSTANDING DATA NEEDS AND DISCOVERING NEW OPTIONS TO MEET THEM**

**SO: Schmidhuber**  
Y. Cui; China  
K. Jose; India  
C. Pramanik; India  
G. Reichert; Canada  
M. Vassallo; Italy

**F.33 USE OF ADMINISTRATIVE DATA FOR AGRICULTURAL STATISTICS**

**SO: N. Keita**  
S. Mnatsakanyan; Armenia  
F. S. Özbek; Turkey  
A. Wallgren; Sweden  
A-M. Karlsson; Sweden



**BREAK**

16:00 - 17:30

**PLENARY SESSION-2**  
**INTEGRATION OF DATA SOURCES IN AGRICULTURAL STATISTICS**

**SO: P. Lavallée**  
P. Hunsberger & L. O'Neill  
P. D. Falorsi & P. Righi  
S. Gourlay  
C. Carletto



**PHOTO SESSION**

17:45 - 19:15



**WELCOME COCKTAIL** FAO ROOF TERRACE



**FLAG ROOM B0**  
**POSTER SESSION**  
**SO: M. A. Steiner**



THURSDAY | 27 OCTOBER 2016

8:00 - 9:00

ADMISSION PARTICIPANTS

9:00 - 10:30

**A.06 MEASURING THE SOCIAL AND ECONOMIC IMPACT OF CONFLICTS AND POLITICAL INSTABILITY ON AGRICULTURE**

SO: P. Justino  
K. Nadiradze; Georgia  
M. J. Koyenikan; Nigeria  
B. Fregene; Nigeria  
O. Jeylani; Somalia  
T. Brück; Germany

**C.19 ASPECTS OF THE IMPLEMENTATION OF THE SYSTEM OF ENVIRONMENTAL- ECONOMIC ACCOUNTING**

SO: C. Obst  
F. Cachia; AFRISTAT  
A. Femia; Istat  
D. Ottaviani; FAO  
F. Tubiello; FAO

**F.30 USE OF REMOTE SENSING AND DRONES IN OFFICIAL AGRICULTURAL STATISTICS**

SO: M. Ballin & M. R. Miller  
E. Mwanaleza; Malawi  
N. Sghaier; Tunisia  
T. Milewski; Poland  
P. Defourny; Belgium  
A. Cimbelli; Istat

**B.10 FOOD SECURITY MEASUREMENT: METHODS AND APPLICATIONS**

SO: C. Cafiero  
J. Jumrani; India  
A. Y. Owino; Uganda  
S. Viviani; FAO  
Alberto Zezza; World Bank

**SIDE-EVENT EXPERT MEETING ON RURAL AND URBAN AREA DEFINITION**

**F.37 METHODOLOGICAL CHALLENGES AND PROPOSALS FOR THE NEXT AGRICULTURE CENSUS ROUND**

SO: J. Castano & M. Greco  
A. Safyan; Armenia  
E. Wixe; Sweden  
A. Lazar; EU  
N. Keita; FAO



BREAK

11:00 - 12:30

**A.05 MEASURING AGRICULTURAL EMPLOYMENT, LABOR CONDITIONS, CHILD/ FORCED LABOR, GREEN JOBS AND HUMAN CAPITAL MANAGEMENT**

SO: M. Castillo  
O. Muza; Zimbabwe  
B. Oya; UK  
F. Acero; France  
A. Palacios-López; World Bank  
D. Levakova; ILO  
M. Hillesland; FAO

**E.27 SUSTAINABLE DEVELOPMENT FRAMEWORKS AND AGRO-ENVIRONMENTAL INDICATORS**

SO: F. Tubiello  
Y. J. Nababan; Indonesia  
B. D. Jabik; Ghana  
C. Turtoi; Romania  
H. Willer; Switzerland  
S. Coderoni; Italy

**F.29 BIG DATA FOR AGRICULTURAL STATISTICS**

SO: P. Hackl  
S. Y. Rodriguez Figueroa; Colombia  
N. P. Singh; India  
L. Young; USA  
G. Barcaroli; Istat

**B.11 FOOD AND NUTRITION SECURITY STATISTICS: METHODS AND APPLICATIONS**

SO: C. Cafiero  
T. V. Belmondo; Cameroon  
E. Aurino; UK  
A. Borlizzi; FAO  
L. Pazvakawambwa; Namibia

**H.46 PLATFORMS FOR DATA DISSEMINATION AND DATA ANALYSIS**

SO: O. Dupriez  
W. Mohammed; Egypt  
L. Pangapanga; Malawi  
M. Welch; World Bank

**G.42 ESTIMATION AND CLASSIFICATION OF LAND COVER AND LAND USE AREAS**

SO: S. Pérez Cadena  
J. Aguilar; Mexico  
J. Gallego; EU  
C. Azzarri; IFPRI  
M. Marchetti; Italy  
W. Bingfang; China



LUNCH BLUE BAR BUILDING C 8

13:00 - 14:00

**SIDE-EVENT**  
Atrium Sheik Sayed Centre

LAUNCH OF SOURCEBOOK "NATIONAL SOCIOECONOMIC SURVEYS IN FORESTRY" GUIDANCE AND SURVEY MODULES FOR MEASURING THE MULTIPLE ROLES OF FORESTS IN HOUSEHOLD WELFARE AND LIVELIHOODS

14:00 - 15:30

**PLENARY SESSION-3 MEASURING THE STRUCTURAL TRANSFORMATION OF THE AGRICULTURAL SECTOR**

SO: M. Bohman & J. MacDonald  
H. Vrolijk and K. Poppe  
J. MacDonald  
F. Bolliger  
R. S. Recide



BREAK

16:00 - 17:30

**A.01 INDICATORS OF RURAL DEVELOPMENT**

SO: F. Sotte  
D. Enkhzaya; Mongolia  
J. Mburu; Kenya  
F. Pagliacci; Italy

**E.28 MEASURING THE IMPACT OF GLOBAL WARMING AND EXTREME WEATHER EVENTS ON AGRICULTURE**

SO: G. Dono & A. Ferruzza  
M. Bindoumou; Cameroon  
O. S. Oduniji; South Africa  
R. Cortignani; Italy  
G. Tagliacozzo; Istat  
E. Fouad; Morocco

**F.39 NEW SOFTWARE, APPS AND TOOLS FOR DATA COLLECTION IN AGRICULTURE STATISTICS**

SO: J. Parsons  
A. Laczynski; Poland  
A. Surinov; Russian Feder.  
L. Bowling; USA  
J. Ardila; UNODC  
M. Rahija; FAO

**B.12 FOOD BALANCE SHEETS DATA: COMPILATION AND ANALYSES**

SO: C. Cafiero  
R. Hosseinpour; Islamic Republic of Iran  
S. Gale; Slovenia  
V. Russo; Italy

**H.48 THE NEW PROFESSIONAL PROFILE OF AGRICULTURAL STATISTICIANS**

SO: P. Everaers  
H. Kouadio; Ivory Coast  
B. Domaszewicz; Poland  
A. Naslund; EU  
J. L. Parsons; USA

**G.40/41 SPATIAL AND ECONOMETRIC ANALYSIS IN AGRICULTURE STATISTICS**

SO: P. Sckokai  
T. Chatterjee; India  
F. De Bastiani; Brazil  
G. Stefani; Italy  
C. Revoredo-Giha; UK  
A. Goundan; IFPRI



BREAK

17:30 - 17:45

**A.02 INDICATORS OF RURAL DEVELOPMENT**

SO: F. Sotte  
D. Okoedo-Okojie; Nigeria  
A. Djouak; France  
S. Turchetti; Italy

**E.26 MEASURING ENERGY EFFICIENCY IN AGRICULTURE AND BIO FUEL PRODUCTION**

SO: Annalisa Zezza  
J. Gomez Prieto; France  
S. Fabiani; Italy  
M. D'Orazio; FAO  
M. M. Morese; FAO

**F.34 INTEGRATING AGRICULTURAL AND HOUSEHOLD SURVEYS**

SO: C. Carletto & S. Hoffmann  
I. Pangapanga-Phiri; Malawi  
J. L. Hernández Rodríguez; Mexico  
S. Vogel; USA  
M. A. Steiner; USA  
F. Fontenau; FAO  
M. K. Srivastava; FAO

**B.15 MEASURING FOOD LOSSES AND FOOD WASTE**

SO: C. Fabi & T-V. Nguyen  
D. E. Tolly Lolo; Cameroon  
M. R. Baha; United Republic of Tanzania  
J. Buzby; USA  
M. Kebe; FAO  
S. Tayyib; FAO

**H.47 MEASURING THE USE OF AGRICULTURAL STATISTICS FOR DECISION-MAKING**

SO: P. Gennari  
A. Muhammad; Pakistan  
T. Mwisomba; United Republic of Tanzania  
N. Lehmann; Australia  
A. Coli; Italy  
A. Dönmez; FAO

**G.45 NEW SOFTWARE, APPS AND TOOLS FOR DATA ANALYSIS, INTEGRATION AND MODELLING IN AGRICULTURE STATISTICS**

SO: J. Parsons  
K. Nagelschmitz; Canada  
J. C. Laso Bayas; IIASA  
R. Varriate; Istat  
R. Gismondini; Istat  
J. Senahoun; FAO



OPTIONAL PAY PROGRAMME | GALA DINNER AT VILLA GIULIA & VISIT OF THE ETRUSCAN MUSEUM | 19.30 MEETING POINT FAO ENTRANCE

19:30 - 23:00

FRIDAY | 28 OCTOBER 2016

8:00-9:00

ADMISSION PARTICIPANTS

**MEETING OF THE ISI COMMITTEE ON AGRICULTURAL STATISTICS (ISI CAS)**

9:00-10:30

**C.23 MONITORING AGRICULTURAL DEVELOPMENT POLICIES AND AGRICULTURAL INVESTMENT**

SO: M. Sabbatini & M. Sassi  
L. Kenao; Togo  
P. L. Scandizzo; Italy  
M. De Rosa; Italy  
S. Comi; Italy

**B.13 CAPTURING THE ENVIRONMENTAL IMPACT OF AGRICULTURAL ACTIVITIES**

SO: R. I. Smith  
L. Bel; France  
Y. Andrist Rangel; Sweden  
P. Paris; EU  
A. Povellato; Italy  
D. Fusco; Istat

**B.09 ESTIMATING COMMODITIES THAT ARE DIFFICULT TO CAPTURE IN OFFICIAL AGRICULTURAL STATISTICS**

SO: C. Bussink  
T. Bauer; Austria  
F. M. Underwood; UK  
T. W. Waine; UK  
N. Georgieva; FAO

**C.18 LAND STATISTICS**

SO: K. Deininger  
D. Nizalov; Ukraine  
H. Hamer; USA  
Alberto Zezza; World Bank  
C. Russo; Italy

**F.38 POST-DISASTER NEEDS ASSESSMENTS AND RAPID ASSESSMENTS TOOLS**

SO: S. Ahmed  
S. Nath; India  
M. C. Bramati; Italy  
D. Barelli; FAO  
N. Lombardi; FAO  
I. Pangapanga-Phiri; Malawi

**F.36 MASTER SAMPLE FRAME FOR AGRICULTURAL SURVEYS**

SO: R. Benedetti & J. Gallego  
M. Guntsadze; Georgia  
P. Mwaniki; Kenya  
A-M. Karlsson; Sweden  
E. Carfagna; Italy  
V. Boero; FAO



BREAK

11:00-12:30

**C.22 MEASURING THE EVOLUTION OF FARMING PRACTICES**

SO: A. Sorrentino  
P. Kocny Fosso; Cameroon  
A. Mansouri; Morocco  
J. Pujol; France  
S. Lucci; EU  
G. Branca; Italy

**C.17 MEASURING TRADE PROTECTION AND OTHER FORMS OF INDIRECT TAX/SUBSIDIES**

SO: W. Martin  
C. P. De Salvo; IADB  
S. Tokgoz; IFPRI  
J. Batié; FAO

**B.14 COMMUNICATING THE COMPLEXITY OF SUSTAINABLE FOOD AND AGRICULTURE**

SO: P. Conforti & M. Dominguez Torreiro  
G. Valko; Hungary  
B. Forstner; Germany  
A. Shee; IFPRI  
T. Rondinella; Istat

**C.21 STATISTICS ON FARM STRUCTURE AND TECHNOLOGICAL INNOVATION OF AGRICULTURAL HOLDINGS**

SO: L. Young  
C. Pramanik; India  
E. Laczka; Hungary  
J. Laiho-Kauranne; Finland  
N. Georgieva; FAO

**F.35 SAMPLING STRATEGIES AND ESTIMATION METHODS FOR INTEGRATION IN AGRICULTURE STATISTICS**

SO: P. D. Falorsi  
H. Chandra; India  
D. Cocchi; Italy  
A. Fasulo; Istat  
A. Piersante; Italy  
U. E. Nyamsi; FAO

**F.31 USE OF OPINION POLLS FOR INFORMING FOOD SECURITY AND WELL-BEING MEASUREMENT**

SO: A. Rzepa  
P. Diego Rosell; Spain  
F. Morthera; UK  
L. Secondi; Italy  
S. Handa; UNICEF  
T. Ballard; FAO



LUNCH BLUE BAR BUILDING C 8

13:15-14:00

**SIDE-EVENT**  
LAUNCH OF NEW FAOSTAT

14:00-15:30

**PLENARY SESSION - 4 FINANCING THE MODERNIZATION OF AGRICULTURAL STATISTICS: STATISTICAL CAPACITY DEVELOPMENT INITIATIVES AND RESOURCE MOBILIZATION**

SO: C. Duhamel & F. Lawson  
M. Kotzeva  
M. Belkindas  
A. Chuwa  
C. Duhamel

15:30-16:00

CLOSING CEREMONY



Seventh International Conference on Agricultural Statistics