Seventh International Conference on Agricultural Statistics

ICAS VII

2016 Rome, 26 | 28 October

Food and Agriculture Organization of the United Nations

Istat
Italian National Institute of Statistics

MODERNIZATION OF AGRICULTURAL STATISTICS IN SUPPORT OF THE SUSTAINABLE DEVELOPMENT AGENDA

Seventh International Conference on Agricultural Statistics (ICAS VII)
Rome - Italy, 26-28 October 2016

SCIENTIFIC PROGRAMME

30 MAY 2016

Under the auspices of the International Statistical Institute (ISI)
Committee on Agricultural Statistics (CAS)

isi

SEVENTH INTERNATIONAL CONFERENCE ON AGRICULTURAL STATISTICS
ROME-ITALY, 26-28 OCTOBER 2016

PLENARY SESSIONS		
PL-1: MODERNIZATION OF AGRICULTURAL STATISTICS TO RESPOND TO NEW MULTIDIMENSIONAL DEMANDS - SO: Alleva		
MODERNIZATION OF AGRICULTURAL STATISTICS TO RESPOND TO NEW MULTIDIMENSIONAL DEMANDS	Alleva	Istat ~ Rome ~ Italy
PL-2: INTEGRATION OF DATA SOURCES IN AGRICULTURAL STATISTICS - SO: Lavallée		
POTENTIAL USES OF TAX DATA IN THE CANADIAN CENSUS OF AGRICULTURE	Hunsberger; O'Neill	Statistics Canada ~ Ottawa ~ Canada
OPTIMAL SAMPLING FOR INTEGRATED OBSERVATION OF RELATED POPULATIONS	Falorsi; Righi	Istat ~ Rome ~ Italy
COLLECTING THE DIRT ON SOILS: ADVANCEMENTS IN PLOT-LEVEL SOIL TESTING AND IMPLICATIONS FOR AGRICULTURAL STATISTICS	Aynekulu; Carletto; Gourlay; Shepherd	The World Bank ~ Washington, DC ~ United States
INNOVATIONS IN AGRICULTURAL DATA COLLECTION: THE LIVING STANDARDS MEASUREMENT STUDY – INTEGRATED SURVEYS ON AGRICULTURE	Carletto	The World Bank ~ Washington, DC ~ United States
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MEASURING CHANGE IN A COMPLEX ENVIRONMENT: THE CASE OF U.S. AGRICULTURE	MacDonald	USDA Economic Research Service ~ Washington, DC ~ United States
STRUCTURAL CHANGE IN BRAZILIAN AGRICULTURE	Bolliger	FAO ~ Rome ~ Italy
ASIAN PERSPECTIVES ON MEASUREMENT OF STRUCTURAL CHANGE IN AGRICULTURE - tbc -	Recide	BAS ~ Manila ~ The Philippines
PL-4: FINANCING THE MODERNIZATION OF AGRICULTURAL STATISTICS: STATISTICAL CAPACITY DEVELOPMENT INITIATIVES AND RESOURCE MOBILIZATION - SO: Duhamel		
MODERNIZATION OF AGRICULTURAL STATISTICS: HOW TO MAKE IT HAPPEN? EUROPEAN STATISTICAL SYSTEM EXPERIENCE	Kotzeva	Eurostat ~ Luxembourg ~ Luxembourg
How to sustain and increase financing for statistics in the era of SDG's	Belkindas	Open Data Watch ~ Washington, DC ~ United States
EXPERIENCE OF TANZANIA TO BRING POLITICAL WILL FOR FINANCING AGRICULTURAL STATISTICS	Chuwa	NBS Tanzania
ALTERNATIVE APPROACHES FOR FUNDING SUSTAINABLE AGRICULTURAL STATISTICAL SYSTEMS AT COUNTRY LEVEL	Duhamel	FAO ~ Rome ~ Italy
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INDICATORS ON RURAL DEVELOPMENT IN KENYA	Mburu	KNBS ~ Nairobi ~ Kenya
MEASURING EU RURALITY: A PERIPHERURALITY INDICATOR	Pagliacci	Università di Modena e Reggio Emilia ~ Modena ~ Italy
RURALITY INDEX FOR MEXICO: WEIGHTING OF VARIABLES BY OBJECTIVE METHODS	Romo-Lozano	Universidad Autonoma Chapingo ~ Texcoco ~ Mexico
A.02 - Indicators of rural development - SO: Sotte		
LIVING IN THE COUNTRYSIDE OF TUSCANY: ARE THEY REALLY BETTER OFF?	Turchetti	IRPET ~ Florence ~ Italy
ASSESSING THE RDPS IMPACTS ON SUSTAINABILITY: THEORETICAL AND EMPIRICAL CHALLENGES	Augustyn	Evaluation consultant ~ Warsaw ~ Poland
INFORMATION SOURCES PREFERENCE AND CONSTRAINTS OF COMMUNITY DRIVEN DEVELOPMENT (CDD) PROJECTS IN SOUTHERN EXTENSION SERVICE ZONE OF EDO STATE, NIGERIA	Okoedo-Okojie	Department of Agricultural Economics and Extension Services, Faculty of Agriculture, University of Benin ~ Benin City ~ Nigeria
AN AGRICULTURAL STATISTICAL CLASSIFICATION AS A DECISION SUPPORT TOOL FOR THE DEFINITION OF TERRITORIAL LOCAL POLICIES	Amar	HEI ISA ISEN GROUP ~ Lille ~ France
A.03 - Measuring the social dimension of agriculture - SO: Davis		
AGRICULTURAL GROWTH, POVERTY, AND INEQUALITY IN SUB-SAHARAN AFRICA: NEW INSIGHT FROM A LINKED ABG METHOD AND CGE MODELING	Ligane Massamba	IFPRI ~ Dakar ~ Senegal
ECONOMIC GROWTH AND POVERTY REDUCTION: THE ROLE OF THE AGRICULTURAL SECTOR	Kadir	BPS - Statistics Indonesia ~ Jakarta ~ Indonesia
HOW MINIMUM IS INDIAN MINIMUM SUPPORT PRICE?	Khan	IFPRI ~ New Delhi ~ India
SOCIOECONOMIC DYNAMICS RESULTING FROM STRUCTURAL TRANSFORMATION AND AGRICULTURE TRANSITION IN GHANA	Alfani	FAO ~ Rome ~ Italy
ACCESS TO LAND AND YOUTH EMPLOYMENT DECISIONS: EVIDENCE FROM A NATURAL EXPERIMENT IN ETHIOPIA	Schmidt	IFPRI ~ Washington, DC ~ United States
A.04 - Measuring the social dimension of agriculture - SO: Davis		
ASSESSING RURAL HOUSEHOLDS' VULNERABILITY TO CLIMATE CHANGE: IMPLICATIONS FOR DROUGHTS ADAPTATION IN MOZAMBIQUE	Tomo	Institute for Agricultural Research of Mozambique ~ Maputo ~ Mozambique
(MIS)MEASURING THE CONTRIBUTION OF LIVESTOCK TO HOUSEHOLD LIVELIHOODS EVIDENCE AND LESSONS FROM LSMS SURVEYS IN TANZANIA AND UGANDA	Zane	LSE ~ London ~ United Kingdom
IS DIVERSIFICATION A CLIMATE-SMART AGRICULTURE STRATEGY IN RURAL ZAMBIA?	Arslan	FAO ~ Rome ~ Italy
REVISITING THE EVIDENCE ON THE LINKAGES BETWEEN INTRA-HOUSEHOLD CONTROL OF RESOURCES AND HOUSEHOLD WELFARE: THEORETICAL AND EMPIRICAL INSIGHTS FROM MALAWI	Kilic	The World Bank ~ Rome ~ Italy

HOW DOES SOCIAL PROTECTION AFFECT RESILIENCE? RESULTS FROM A MULTI-COUNTRY RESEARCH PROGRAM	Handa	UNICEF ~ Florance ~ Italy
A.05 - Measuring agricultural employment, labor conditions, child/forced labor, green jobs and human capital management - SO: Castillo		
ASSESSING EMPLOYMENT ALONG THE SMALL RUMINANT VALUE CHAIN IN ETHIOPIA: CHANGING PERSPECTIVES AND REVEALING NEW INSIGHTS	Acero	FAO ~ Rome ~ Italy
A FRAMEWORK FOR MEASURING RURAL WOMEN'S EMPOWERMENT IN THE CONTEXT OF DECENT WORK	Hillesland	FAO ~ Rome ~ Italy
DECENT WORK INDICATORS FOR AGRICULTURE AND RURAL AREAS: CONCEPTUAL ISSUES, DATA COLLECTION CHALLENGES, AND POSSIBLE AREAS FOR IMPROVEMENT	Oya	SOAS, University of London ~ London ~ United Kingdom
GREEN JOBS AND RURAL LABOUR MARKETS: GENDERED PATHWAYS FOR DECENT WORK	Muza	Consultant ~ Harare ~ Zimbabwe
ENTRY/ EXIT DECISIONS IN LABOR MARKET OF RURAL FEMALE WORKERS IN INDIA	Sebastian	Jawaharlal Nehru University ~ New Delhi ~ India
A.06 - Measuring the social and economic impact of conflicts and political instability on agriculture - SO: Brück		
RURAL TO URBAN MIGRATION IMPACT ON AGRICULTURE DEVELOPMENT IN GEORGIA	Nadiradze	Association for Farmers Rights Defense, AFRD ~ Tbilisi ~ Georgia
MEASURING THE ECONOMIC IMPACT OF VIOLENT CONFLICT ON RURAL MARKETS: THE CASE OF COLOMBIA	Justino	Institute of Development Studies ~ Brighton ~ United Kingdom
GENDER PERSPECTIVE TO EFFECTS OF VIOLENT COMMUNAL CONFLICTS ON SELECTED RURAL COMMUNITIES IN EDO AND ONDO STATES, NIGERIA	Koyenikan	University ~ Benin City ~ Nigeria
AGRICULTURE-NUTRITION LINKAGES AND CHILD HEALTH IN PRESENCE OF CONFLICT	Bageant	Cornell University ~ Ithaca ~ United States
ASSESSMENT OF CONFLICTS ACTIVITIES ON LIVELIHOOD OF FISHING AND FISH FARMING HOUSEHOLDS IN NIGERIA	Fregene	University of Ibadan ~ Ibadan ~ Nigeria
THEMATIC SET B: Sustainable Agricultural Production and Consumption		
B.07 - Measuring productivity in agriculture, fishery, and forestry - SO: Carletto		
EFFECT OF DATA AGGREGATION ON INEFFICIENCY ESTIMATES	Kim	Graduate School of International Agricultural Technology at Seoul National University ~ Pyeongchang ~ Korea, Republic of
HIGH-QUALITY DATA ON LIVESTOCK PRODUCTION WITH SCARCE RESOURCES: EVIDENCE FROM BOTSWANA, INDONESIA AND TANZANIA	Baleseng	Ministry of Agriculture ~ Gaborone ~ Botswana
SAMPLING METHODOLOGY FOR ESTIMATION OF AVERAGE YIELD OF COTTON USING DOUBLE SAMPLING APPROACH	Sud	ICAR - Indian Agricultural Statistics Research Institute (IASRI) ~ New Delhi ~ India
METHODOLOGICAL EXPERIMENT ON MEASURING CASSAVA PRODUCTION, PRODUCTIVITY, AND VARIETY IDENTIFICATION IN MALAWI	Moylan	The World Bank ~ Rome ~ Italy
B.08 - Determinants of Agricultural Productivity - SO: Alberto Zezza		
YOUTH (UNDER)EMPLOYMENT, LABOUR PRODUCTIVITY AND MIGRATION INTO AND OUT OF AGRICULTURE IN ETHIOPIA	Sakketa	Bonn ~ Germany
SPATIAL HETEROGENEITY IN THE STOCHASTIC FRONTIER MODEL: AN APPLICATION TO AGRICULTURAL FIRMS IN ITALY	Vidoli	University of Roma Tre ~ Rome ~ Italy
THE ROLE OF HUMAN CAPITAL VARIABLES IN SMALLHOLDER PRODUCTIVITY: A SEMIPARAMETRIC EXPLORATION FOR RURAL HOUSEHOLDS IN BURKINA FASO	Wouterse	IFPRI ~ Kampala ~ Uganda
DETERMINANTS AND IMPACT EVALUATION DIFFERENTIALS OF ADOPTION OF NERICA ON AREA OF RICE CULTIVATED, YIELD, AND ECONOMIC BENEFITS TO RICE PRODUCERS IN NIGERIA	Obayelu	Federal University of Agriculture, Abeokuta ~ Abeokuta ~ Nigeria
CROP WATER PRODUCTIVITY FOR SUNFLOWER UNDER DIFFERENT IRRIGATION REGIMES AND PLANT SPACING IN GEZIRA SCHEME, SUDAN	Elsheikh	Agricultural Research Corporation ~ Khartoum ~ Sudan
B.09 - Finding the needle in the haystack: estimating commodities that are difficult to capture in official agricultural statistics (illicit commodities and nomadic livestock) - SO: Bussink		
EXPERIENCES WITH DOT GRID SAMPLING VERSUS FULL AREA MAPPING FOR ILLICIT CROP MONITORING	Bauer	University of Natural Resources and Life Sciences, Vienna - Institute of Surveying, Remote Sensing and Land Information ~ Vienna ~ Austria
STATISTICAL METHODS FOR THE ENUMERATION OF NOMADIC AND SEMI-NOMADIC (TRANSHUMANT) LIVESTOCK	Georgieva	FAO ~ Rome ~ Italy
USING LAW ENFORCEMENT DATA TO ESTIMATE ILLICIT ACTIVITY IN AN INTERNATIONALLY TRADED ILLEGAL COMMODITY	Underwood	Independent Consultant/University of Reading ~ Taunton/Reading ~ United Kingdom
OPIUM YIELD ESTIMATES IN AFGHANISTAN USING SATELLITE REMOTE SENSING	Waine	Cranfield University ~ Cranfield ~ United Kingdom
AN EVALUATION OF FACTORS TO DEFINE RISK AREAS FOR OPIUM POPPY CULTIVATION IN LAO PDR	Mattiuzzi	University of Natural Resources and Life Sciences, Vienna - Institute of Surveying, Remote Sensing and Land Information ~ Vienna ~ Austria
B.10 - Food Security measurement: Methods and applications - SO: Cafiero		
ESTIMATING COMPARABLE PREVALENCE RATES OF FOOD INSECURITY THROUGH THE APPLICATION OF THE FOOD INSECURITY EXPERIENCE SCALE	Viviani	FAO ~ Rome ~ Italy
HOW UNDERNOURISHED ARE WE REALLY? A CRITICAL ASSESSMENT OF INDICATORS AND SCOPE FOR IMPROVEMENT	Jumrani	ICAR - National Institute of Agricultural Economics and Policy Research (NIAP) ~ New Delhi ~ India
MEASUREMENT OF HOUSEHOLD FOOD INSECURITY: AN APPLICATION OF THE CLASSICAL RASCH MODEL TO HOUSEHOLD SURVEY DATA IN EASTERN UGANDA	Owino	School of Statistics and Planning, Makerere University ~ Kampala ~ Uganda
CAN WE TRACK FOOD SECURITY POLICIES RESULTS IN NICARAGUA USING AN EXPERIENCE BASED SCALE?	Valle	FAO ~ Managua ~ Nicaragua
FOOD COUNTS. MEASURING FOOD CONSUMPTION AND EXPENDITURES IN HOUSEHOLD SURVEYS.	Zezza	The World Bank ~ Rome ~ Italy
B.11 - Food and nutrition security statistics: Methods and applications - SO: Cafiero		

FOOD INSECURITY IN RURAL HOUSEHOLDS OF CAMEROON: FACTORS ASSOCIATED AND IMPLICATIONS FOR NATIONAL POLICIES	Belmondo	Ministry of Economy, Planning and Regional Development/ Department of Analysis and Economic Policies ~ Yaoundé ~ Cameroon
DETERMINANTS OF DIETARY DIVERSITY IN NAMIBIAN CHILDREN. EVIDENCE FROM THE 2013 DHS.	Pazvakawambwa	University of Namibia ~ Windhoek ~ Namibia
PRODUCTION DIVERSITY AND DIETARY CHANGE IN BANGLADESH FROM 1985 TO 2010	Waid	University of Heidelberg ~ Heidelberg ~ Germany
DO BOYS EAT BETTER THAN GIRLS IN INDIA? LONGITUDINAL EVIDENCE FROM YOUNG LIVES	Aurino	School of Public Health, Imperial College London & Department of International Development, University of Oxford ~ United Kingdom
ASSESSING VULNERABILITY TO FOOD INSECURITY IN MOUNTAIN AREAS: A CASE STUDY OF ECUADOR	Borlizzi	FAO ~ Rome ~ Italy
B.12 - Food balance sheets data: Compilation and analyses- SO: Cafiero		
THE FOOD SECURITY STATISTICS (CONSUMPTION AND ACCESS IN 2013-2014) OF IRAN.	Ahmadi Someeh	Head of Information Technology and Communication Center, Ministry of Jahad-e-Agriculture, Iran . ~ Tehran ~ Iran, Islamic Republic of
STATISTICAL TRENDS IN AGRICULTURE IN LIGHT OF THE FUTURE SUSTAINABLE FOOD SECURITY IN SLOVENIA	Gale	Statistical Office of the Republic of Slovenia ~ Ljubljana ~ Slovenia
ESTIMATION OF REAL PER CAPITA CONSUMPTION OF MEAT IN ITALY	Russo	University of Bologna ~ Bologna ~ Italy
IMPROVING NUTRITION SECURITY THROUGH AGRICULTURE: AN ANALYTICAL FRAMEWORK BASED ON NATIONAL FOOD BALANCE SHEETS TO ESTIMATE NUTRITIONAL ADEQUACY OF FOOD SUPPLIES	Arsenault	University of California, Davis ~ Davis, CA ~ United States
B.13 - Capturing the environmental impact of agricultural activities - SO: Smith		
ENVIRONMENTAL SUSTAINABILITY OF THE USE OF PESTICIDES. A CASE STUDY: "THE PO RIVER BASIN"	Paris	ISPRA - Institute for Environmental Protection and Research ~ Rome ~ Italy
THE ENVIRONMENTAL EFFECTS OF MEAT: FROM LIVESTOCK TO SLAUGHTER	Fusco	Istat ~ Rome ~ Italy
INCREASED QUALITY IN STATISTICS ON CROP RESIDUES AND LIME USED AS INPUT TO GREENHOUSE GAS INVENTORIES	Andrist Rangel	Statistics Sweden ~ Örebro ~ Sweden
REGIONAL PREDICTION OF SOIL ORGANIC CARBON CONTENT OVER TEMPERATE CROPLANDS USING DIFFERENT MULTISCALE MEASUREMENTS BY HIERARCHICAL MODELLING.	Bel	AgroParisTech ~ Paris ~ France
HOW TO EVALUATE THE IMPACT OF AGRIENVIRONMENTAL POLICIES ON BIODIVERSITY IN RURAL AREAS. THE CASE OF HIGH NATURE VALUE FARMLAND	Povellato	CREA-INEA ~ Legnaro (PD) ~ Italy
B.14 - Communicating the complexity of sustainable food and agriculture - SO: Conforti & Saisana		
DEVELOPING THE INDICATOR SYSTEM OF SUSTAINABLE AGRICULTURE – APPLICATION OF COMPOSITE INDICATORS	Valko	Hungarian Central Statistical Office ~ Budapest ~ Hungary
FARMERS' DEMAND TOWARD IMPROVED AGRICULTURAL TECHNOLOGY: WILLINGNESS TO PAY ANALYSIS IN TANZANIA	Shee	IFPRI ~ Arusha ~ Tanzania, United Republic of
DOES OFFICIAL FARM STATISTICS STILL TELL US MUCH ABOUT THE REAL FARM STRUCTURE IN GERMANY?	Forstner	Thünen-Insitute ~ Braunschweig ~ Germany
A STUDY ON SUSTAINABLE AGRICULTURE COMPOSITE INDEXES USING DATA FROM THE ITALIAN CENSUS OF AGRICULTURE	Grimaccia	Istat ~ Rome ~ Italy
B.15 - Measuring food losses and food waste - SO: Fabi & Nguyen		
DEVELOPING COST-EFFECTIVE STATISTICAL METHODS FOR MEASURING POST-HARVEST LOSSES IN DEVELOPING COUNTRIES	Kebe	FAO ~ Rome ~ Italy
DYNAMICS OF LOSSES IN TOMATO COMMODITY CHAIN IN CAMEROON. (ESTIMATES BASED ON EXPERIMENTAL DESIGN).	Tolly Lolo	Tolly ~ Yaoundé ~ Cameroon
MEASUREMENT ISSUES AND LESSONS LEARNED FROM ESTIMATING FOOD LOSS AT THE RETAIL AND CONSUMER LEVELS IN THE UNITED STATES	Jean	USDA Economic Research Service ~ Washington, DC ~ United States
POST HARVEST FOOD LOSSES ;A FRAMEWORK FOR HORTICULTURE SUB SECTOR ANALYSIS IN DEVELOPING COUNTRIES	Msafiri	The University of Dodoma ~ Dodoma ~ Tanzania, United Republic of
A NEW APPROACH TO ESTIMATE THE FOOD LOSSES FOR A GLOBAL FOOD LOSS INDEX	Tayyib	FAO ~ Rome ~ Italy
THEMATIC SET C: Markets, Prices and Value chains for the agribusiness sector		
C.16 - Measuring food price volatility and price transmission - SO: Torero		
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MEASURING FOOD PRICE VOLATILITY AND ITS PASS THROUGH EFFECTS ON INFLATION IN ZIMBABWE	Masunda	Midlands State University ~ Gweru ~ Zimbabwe
REGIONAL PRICE TRANSMISSION IN SOUTHERN AFRICAN MAIZE MARKETS	Schroeder	Food and Agricultural Policy Research Institute, University of Missouri ~ Columbia ~ United States
CASSAVA OUTPUT SUPPLY RESPONSE IN NIGERIA: A VECTOR ERROR CORRECTION MODEL (VECM) APPROACH.	Obayelu	University of Ibadan ~ Ibadan ~ Nigeria
DID THE FERTILIZER CARTEL CAUSE THE FOOD CRISIS?	Spiewanowski	Polish Academy of Sciences - Institute of Economics (INE PAN) ~ Warsaw ~ Poland
C.17 - Measuring trade protection and other forms of indirect tax/subsidies - SO: Martin		
PRIVATE RETAILER STANDARDS: BARRIERS OR ENABLERS OF TRADE?	Mangelsdorf	Federal Institute of Materials Research and Testing, Germany ~ Berlin ~ Germany
TOWARDS A CONSOLIDATED DATABASE OF DISTORTIONS TO AGRICULTURAL INCENTIVES: THE AG-INCENTIVES CONSORTIUM	Tokgoz	IFPRI ~ Washington, DC ~ United States
WTO AND FISH EXPORT: A STUDY ON FISH EXPORTS FROM INDIA AND ODISHA	Das	ICICI Bank Limited ~ Hyderabad ~ India
MONITORING AND ANALYSING FOOD AND AGRICULTURAL POLICIES (MAFAP) IN DEVELOPING COUNTRIES	Balié	FAO ~ Rome ~ Italy

PRODUCER SUPPORT ESTIMATE DATA FOR LATIN AMERICA AND THE CARIBBEAN	De Salvo	IADB ~ Washington, DC ~ United States
C.18 - Land statistics - SO: Deininger		
TENURE, OWNERSHIP, AND TRANSITION OF AGRICULTURAL LAND (TOTAL) SURVEY CONDUCTED BY THE NATIONAL AGRICULTURAL STATISTICS SERVICE	Hamer	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
COMPETITIVE PRESSURE AND EFFICIENT LAND REALLOCATION IN ITALIAN FARM SYSTEM	Fusco	Istat ~ Rome ~ Italy
COMPARING APPROACHES TO LAND AREA MEASUREMENT IN HOUSEHOLD SURVEYS: EVIDENCE FROM METHODOLOGICAL VALIDATION STUDIES IN THREE AFRICAN COUNTRIES	Zezza	The World Bank ~ Rome ~ Italy
COMBINING ADMINISTRATIVE, SURVEY, AND REMOTELY SENSED DATA TO SUPPORT EVIDENCE-BASED LAND POLICY REFORM: LESSONS FROM UKRAINE	Nizalov	Capacity Development for Evidence-Based Land & Agricultural Policy Making Project in Ukraine ~ Kiev ~ Ukraine
A PILOT TEST OF REMOTE SENSING FOR YIELD ESTIMATION: EVIDENCE FROM ETHIOPIA	Beyene	Ethiopian Statistical Agency ~ Addis Ababa ~ Ethiopia
C.19 - Aspects of the implementation of the System of Environmental-Economic Accounting - SO: Obst		
CHANGES IN FOOD DIETS IN WEST AFRICA AND THEIR IMPLICATIONS FOR DOMESTIC PRODUCERS	Cachia	AFRISTAT ~ Bamako ~ Mali
ESTIMATING FLOWS AND USES OF ANCILLARY BIOMASS ASSOCIATED TO PERMANENT AND TEMPORARY CROPS PRODUCTION	Femia	Istat ~ Rome ~ Italy
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C.20 - Competitiveness indicators of agriculture and of the agribusiness sector - SO: Russo & Wijnands		
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A NEW FAMILY OF "SOPHISTICATION INDICES" FOR THE INTERNATIONAL AGRI-FOOD TRADE ANALYSIS: THE VIEW POINT OF IMPORTS.	Carbone	University of Tuscia ~ Viterbo ~ Italy
MEASURING THE COMPETITIVENESS OF EU WINE BUSINESS SECTOR: A COMPOSITE INDEX APPROACH	Mazziotta	Istat ~ Rome ~ Italy
THE AGRO-FOOD INDUSTRY DATABASE: A TECHNICAL ROADMAP AND APPLICATIONS	Vander Donckt	FAO ~ Rome ~ Italy
RICE AND MAIZE PRICE COMPETITIVENESS IN SENEGAL: MARKET INTEGRATION AND PRICE CAUSATION BETWEEN SAINT-LOUIS MARKET AND MPAL MARKET	TOP	Seoul National Univ. / Dep. of Agric. and Rural Dev. ~ Seoul ~ Korea, Republic of
C.21 - Statistics on farm structure and technological innovation of agricultural holdings - SO: Young		
HOW TO ANALYSE THE FARM STRUCTURE, HOW TO SUPPORT INNOVATION BY DATA	Laczka	Eva Laczka ~ Budapest ~ Hungary
FOOD SECURITY WITH SUSTAINABLE LIVELIHOOD THROUGH INTEGRA	Pramanik	Tata Consultancy Services ~ Hyderabad ~ India
COMPUTER USAGE AND INTERNET ACCESS AT AGRICULTURAL AND HORTICULTURAL FARMS IN FINLAND	Laiho-Kauranne	Luke ~ Helsinki ~ Finland
STAYING RELEVANT: REPORTING AGRICULTURAL STATISTICS AND DATA COLLECTION CONCERNS AS FARM STRUCTURE BECOMES MORE COMPLEX	Reilly	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
AGRICULTURAL STRUCTURES STATISTICS: TOWARDS A COMPARABLE FRAMEWORK AMID RAPID TRANSFORMATIONS	Georgieva	FAO ~ Rome ~ Italy
C.22 - Measuring the evolution of farming practices - SO: Sorrentino		
INTENSITY OF ADOPTION OF AGRICULTURAL INNOVATIONS IN RISKY ENVIRONNEMENT: THE CASE OF CORN PRODUCERS IN WEST-CAMEROON	Koncy Fosso	Prisca Koncy Fosso ~ Douala ~ Cameroon
THE SET OF INDICATORS FOR ASSESSING PROGRESS ACHIEVED UNDER THE NATIONAL ACTION PLAN FOR THE SUSTAINABLE USE OF PLANT PROTECTION PRODUCTS, IN ITALY	Lucci	ISPRA - Institute for Environmental Protection and Research ~ Rome ~ Italy
CLIMATE-SMART AGRICULTURE PRACTICES IN MALAWI: AN ECONOMIC ANALYSIS AT FARM LEVEL	Branca	Tuscia University ~ Viterbo ~ Italy
HOW HAS FARMING PRACTICES AFFECTED THE CEREAL PRODUCTION IN MOROCCO?	Amal	Mansouri ~ Rabat ~ Morocco
EVOLUTION OF FARMING PRACTICES IN VITICULTURE 2006-2013 - A FRENCH VINEYARD STUDY	Pujol	Ministry of agriculture, food and forestry ~ Toulouse ~ France
C.23 - Monitoring agricultural development policies and agricultural investment - SO: Sabbatini & Sassi		
REVISITING THE FARM SIZE PRODUCTIVITY RELATIONSHIP: NEW EVIDENCE FROM SUB-SAHARA AFRICAN COUNTRIES	Scandizzo	Fondazione Economia Tor Vergata ~ Rome ~ Italy
BUILDING RESILIENCE FOR FOOD AND NUTRITION SECURITY ASSESSMENT: DEMAND FOR HIGH FREQUENCY SENTINEL SURVEY DATA AND THE ROLE OF AGRICULTURAL STATISTICS	Uregia	JRC - European Commission ~ Ispra ~ Italy
WHAT REAL INTEREST IN THE ASSESSMENT OF THE QUALITY AND THE EFFICIENCY OF AGRICULTURAL INVESTMENT BETWEEN COFOG AND COFOG REVISED METHODOLOGY? CASE OF TOGO FROM 2011 TO 2013	Kenao	KENAO ~ TOGO ~ Togo
ADOPTION OF RURAL DEVELOPMENT POLICIES IN RURAL AREAS: A PRIVILEGE FOR THE FEW?	De Rosa	University of Cassino and Southern Lazio ~ Cassino ~ Italy
DOES JUDICIAL EFFICIENCY IMPROVE PRODUCTIVITY? EVIDENCE FROM ITALIAN AGRICULTURAL FIRMS	Comi	University of Milano-Bicocca ~ Milano ~ Italy
THEMATIC SET D: Natural resource use in Agriculture (soil, water, fishery, forestry, biodiversity)		
D.24 - Statistics on water resources and water use efficiency - SO: Rater		
MEASURING WATER-USE EFFICIENCY IN RESPONSE TO CLIMATE CHANGE: AN ANALYSIS OF THE ITALIAN CROP PRODUCTION SYSTEM	Auci	University ~ Palermo ~ Italy
LIVESTOCK WATER ACCESSIBILITY INDEX AND ITS LINKAGE TO HOUSEHOLD WELFARE	Ligane Massamba	IFPRI ~ Dakar ~ Senegal

UNIT IRRIGATION COSTS IN THE ARAB REGION: A STATISTICAL ANALYSIS WITH INFLUENCE MEASURES	Palmegiani	LUISS University of Rome ~ Rome ~ Italy
A PROPOSED INTEGRATED WATER RESOURCES MANAGEMENT APPROACH TO EVALUATE THE INDICATORS OF WATER USE EFFICIENCY AT THE ITALIAN LEVEL	Altobelli	CREA - Council for Agricultural Research and Economics ~ Rome ~ Italy
WATER USE IN AGRICULTURE AND IN FOOD PRODUCTS INDUSTRY. A CASE STUDY FOR ITALY TO EVALUATE PRESSURE ON WATER RESOURCES	Vignani	Istat ~ Rome ~ Italy
D.25 - Measuring the value of ecosystems services, land degradation and biodiversity losses - SO: Regmi		
APPROACHES FOR ANALYSING TRADE-OFFS BETWEEN PRODUCTIVITY, NUTRITION AND ENVIRONMENTAL OUTCOMES AT MULTIPLE SCALES.	Gotor	Bioversity International ~ Rome ~ Italy
INTRODUCING ECOSYSTEM SERVICES EVALUATION INDICATORS IN MONITORING OF IRRIGATED AGRICULTURE IN UZBEKISTAN	Umidjan	Institute for Agricultural Economics ~ Tashkent ~ Uzbekistan
PROTECTION AND ENHANCEMENT OF THE COAST OF MOSTAGANEM (ALGERIA): PRELIMINARY RESTORATION STUDY	KIES	Università Degli Studi Di Milano-Bicocca ~ Milano ~ Italy
MEASURING LANDSCAPE DIVERSITY AND FRAGMENTATION IN EU AGRICULTURAL AREAS FROM LUCAS DATA*	Palmieri	Eurostat ~ Luxembourg ~ Luxembourg
THE MIMOSE APPROACH TO SUPPORT LARGE-SCALE STATISTICS ABOUT FOREST ECOSYSTEM SERVICES	Vizzarri	Dipartimento di Bioscienze e Territorio, Università degli Studi del Molise ~ Pesche ~ Italy
THEMATIC SET E: Climate Change and environmental issues: the role of agriculture		
E.26 - Measuring energy efficiency in agriculture and bio fuel production - SO: Annalisa Zezza		
EVALUATING REVENUES AND ECONOMIC GROWTH FOR FARMS PRODUCING RENEWABLE ENERGIES: AN INVESTIGATION BASED ON INTEGRATION OF FSS AND FADN 2013 SURVEY DATA	D'Orazio	Istat ~ Rome ~ Italy
ENERGY IMPACT MATRIX: USING FADN TO ESTIMATE ENERGY COSTS IMPACT AT FARM LEVEL	Fabiani	CREA - Council for Agricultural Research and Economics ~ Rome ~ Italy
EUROPEAN TERRITORIAL COOPERATION PROCESS AND LOCAL BENEFITS: INCREASING ENERGY EFFICIENCY IN THE MEDITERRANEAN AGRO-FOOD SECTOR	Gomez Prieto	J. GOMEZ PRIETO ~ Marseille ~ France
ASSESSING AND MONITORING BIOENERGY SUSTAINABILITY THROUGH THE USE OF THE GLOBAL BIOENERGY PARTNERSHIP (GBEP) SUSTAINABILITY INDICATORS FOR BIOENERGY	Morese	FAO ~ Rome ~ Italy
E.27 - Sustainable development frameworks and agro-environmental indicators - SO: Tubiello		
BRIDGING PLANNED AND AUTONOMOUS CLIMATE CHANGE ADAPTATION APPROACHES FOR SUSTAINABLE AGRICULTURAL PRODUCTIVITY: EVIDENCE FROM THE ECOSYSTEM-BASED ADAPTATION IN THE TALENSI DISTRICT BY SMALLHOLDER FARMERS	Jabik	Accra ~ Ghana
ENVIRONMENTALLY-ADJUSTED TOTAL FACTOR PRODUCTIVITY: THE CASE OF CARBON FOOTPRINT. AN APPLICATION TO ITALIAN FADN FARMS	Coderoni	Department of Economics and Social Sciences, Università Politecnica delle Marche ~ Ancona ~ Italy
FARM STRUCTURE SURVEY – KEY DATA SOURCE FOR ENVIRONMENTALLY RELATED FARM MANAGEMENT PRACTICES	Turtoi	Institute of Agricultural Economics, Romanian Academy ~ Bucharest ~ Romania
THE CHALLENGE OF COLLECTING AND PUBLISHING DATA ON ORGANIC AGRICULTURE	Willer	Research Institute of Organic Agriculture FiBL ~ Frick ~ Switzerland
GREEN ECONOMY IN EAST KALIMANTAN PROVINCE: ACHIEVING EMISSION REDUCTION TARGET AND ECONOMIC TRADE-OFF IN AGRICULTURAL SECTOR	Nababan	Statistics Indonesia Representative Office of Samarinda City ~ Samarinda ~ Indonesia
E.28 - Measuring the impact of global warming and extreme weather events on agriculture - SO: Dono & Ferruzza		
MEASURING THE IMPACT OF GLOBAL WARMING AND EXTREME WEATHER EVENTS ON AGRICULTURE	Gaobotse	Statistics Botswana ~ Gaborone ~ Botswana
MEASURING THE IMPACT OF GLOBAL WARMING AND EXTREME WEATHER EVENTS ON AGRICULTURE	Mugomoka	MUGOMOKA ~ Bukavu ~ Congo, Democratic Republic of the
FACTORS INFLUENCING CLIMATE CHANGE AWARENESS: THE CASE OF SMALL-SCALE MAIZE FARMERS IN MPUMALANGA PROVINCE OF SOUTH AFRICA.	Oduniyi	University of South Africa ~ Johannesburg ~ South Africa
WINNERS AND LOSERS FROM CLIMATE CHANGE IN AGRICULTURE: A CASE STUDY IN THE MEDITERRANEAN BASIN	Cortignani	DAFNE - University of Tuscia ~ Viterbo ~ Italy
WHAT MAKES INDIAN AGRICULTURE MORE RISKY?	Khan	IFPRI ~ New Delhi ~ India
CROSS-THEMATIC SET F: Data sources / Data collection / Use of IT tools / Data quality		
F.29 - Big data for agricultural statistics- SO: Hackl		
ISTAT FARM REGISTER: DATA COLLECTION BY USING WEB SCRAPING FOR AGRITOURISM FARMS	Barcaroli	Istat ~ Rome ~ Italy
APPLICATION OF DATA WAREHOUSE AND BIG DATA TECHNOLOGY IN AGRICULTURE IN INDIA	Singh	Management Development Institute ~ Gurgaon ~ India
BIG DATA FOR THE NATIONAL AGRICULTURAL CENSUS, COLOMBIA 2014	Rodriguez Figueroa	DANE ~ Bogotá ~ Colombia
EXPLORING A BIG DATA APPROACH TO LIST BUILDING	Young	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
F.30 - Use of remote sensing and drones in official agricultural statistics - SO: Ballin & Miller		
USE OF REMOTE SENSING AND SATELLITE IMAGERY IN ESTIMATING CROP PRODUCTION: MALAWI'S EXPERIENCE	Mwanaleza	Emmanuel J. Mwanaleza ~ Lilongwe ~ Malawi
AREA ESTIMATION OF CEREALS WITH AN AREA FRAME SURVEY AND EARTH OBSERVATION IN SILIANA (TUNISIA)	Sghaier	Centre National de la Cartographie et Télédétection - CNCT ~ Tunis ~ Tunisia
THE USE OF SATELLITE PICTURES AND DATA PROVIDED BY DRONES FOR THE PURPOSES OF IDENTIFICATION OF CROPS AND ASSESSMENT OF PLANT PRODUCTION.	Milewski	Central Statistical Office of Poland ~ Warsaw ~ Poland
GRASSLAND BIOMASS ASSESSMENT WITH REMOTE SENSING TOOLS AND OPEN SOURCE SOFTWARE	Cimbelli	Istat ~ Rome ~ Italy
NATIONWIDE DEMONSTRATION CASES OF SENTINEL-2 SATELLITE EXPLOITATION TOWARDS EARLY CROP AREA INDICATOR	Defourny	Earth and Life Institute, Université Catholique de Louvain ~ Louvain-la-Neuve ~ Belgium
F.31 - Use of opinion polls for informing food security and well-being measurement - SO: Rzepa		

GENDER DISPARITIES IN PERCEIVED LIFE SATISFACTION WITHIN FOOD INSECURE AND REGIONALLY DIVERSE POPULATIONS	Graham	FAO ~ Rome ~ Italy
PERCEIVED WELL-BEING BY VISITING URBAN GREEN AREAS: AN ANALYSIS USING PARTIAL-LEAST SQUARES MODELS	Secondi	University of Tuscia ~ Viterbo ~ Italy
FOOD INSECURITY AND SUBJECTIVE WELL-BEING: AN EXPLORATORY ANALYSIS OF GLOBAL HETEROGENEITY	Diego Rosell	Gallup ~ Castellón de la Plana ~ Spain
EXPLORING THE IMPACT OF FREQUENT CONSUMPTION OF FRUITS AND VEGETABLES ON OF LIFE SATISFACTION: STUDY FOR THE UNITED STATES	Fernando	Gallup ~ London ~ United Kingdom
PREVALENCE AND DETERMINANTS OF FOOD INSECURITY AMONG CHILDREN: ESTIMATES FROM THE GLOBAL WORLD POLL	Handa	UNICEF ~ Florance ~ Italy
F.32 - Use of administrative data for agricultural statistics - SO: Keita		
USE OF ADMINISTRATIVE REGISTERS FOR STRENGTHENING THE GEO-STATISTICAL FRAMEWORK OF THE CENSUS OF AGRICULTURE IN MEXICO	Perez	INEGI ~ Aguascalientes ~ Mexico
THE USE OF ADMINISTRATIVE DATA FOR THE CANADIAN AGRICULTURE STATISTICS PROGRAM	Prasil	Statistics Canada ~ Ottawa ~ Canada
THE ROLE OF QUALITY-FRAMEWORKS TO IMPROVE THE QUALITY OF STATISTICS BASED ON ADMINISTRATIVE REGISTERS- THE CASE OF ORGANIC MEAT PRODUCTION	Persson	Swedish Board of Agriculture ~ Jönköping ~ Sweden
COVERAGE ISSUES IN AGRICULTURE STATISTICS WHEN USING ADMINISTRATIVE DATA	Tuoto	Istat ~ Rome ~ Italy
STRATEGIES FOR IMPROVING ADMINISTRATIVE DATA FOR USE IN AN INTEGRATED AGRICULTURAL STATISTICS SYSTEM	Ssekiboobo	School of Statistics and Planning ~ Kampala ~ Uganda
F.33 - Use of administrative data for agricultural statistics - SO: Keita		
ROLE OF ADMINISTRATIVE REGISTERS FOR AGRICULTURAL STATISTICS	Mnatsakanyan	National Statistical Service of the Republic of Armenia ~ Armenia
USE OF ADMINISTRATIVE DATA IN AGRICULTURAL PRODUCTION STATISTICS COMPILED BY TURKISH STATISTICAL INSTITUTE	Özbek	Turkish Statistical Institute ~ Ankara ~ Turkey
ADMINISTRATIVE DATA ON INDIAN AGRICULTURE SECTOR: QUALITY AND IMPLICATIONS	Kumar	Azim Premji University ~ Bangalore ~ India
USING ADMINISTRATIVE REGISTERS FOR MAKING A SAMPLE FRAME FOR AGRICULTURAL STATISTICS	Karlsson	Swedish Board of Agriculture ~ Jönköping ~ Sweden
ADMINISTRATIVE DATA AND AGRICULTURAL STATISTICS – WHAT STRATEGY AND METHODS SHOULD WE ADOPT?	Wallgren	Formerly of the Department of Research and Development at Statistics Sweden ~ Örebro ~ Sweden
F.34 - Integrating agricultural and household surveys - SO: Carletto & Hoffmann		
THE MULTIFUNCTIONAL FARM HOUSEHOLD ENTERPRISE: USING FARM MICRODATA TO ASSESS THE RURAL ECONOMY IMPACTS GENERATED BY FARMER-OPERATED OFF-FARM BUSINESSES	Vogel	USDA Economic Research Service ~ Washington, DC ~ United States
ASSIMILATING CROSS SECTIONAL AND PANEL AGRICULTURAL DATA IN THE MALAWI NATIONAL HOUSEHOLD SURVEY SYSTEM: A COST EFFECTIVENESS APPROACH IN THE POST 2015 SUSTAINABLE DEVELOPMENT GOALS	Pangapanga-Phiri	National Statistical Office ~ Zomba ~ Malawi
DEMOGRAPHIC AND SOCIAL CHARACTERISTICS OF THE AGRICULTURAL PRODUCER´S HOUSEHOLDS	Rebolledo	INEGI ~ Aguascalientes ~ Mexico
USE OF INTEGRATED AGRICULTURAL HOUSEHOLD SURVEYS IN THE FRAMEWORK FOR COLLECTION OF AGRICULTURAL STATISTICS	Steiner	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
AGRICULTURAL INTEGRATED SURVEY (AGRIS): RATIONALE, METHODOLOGY AND IMPLEMENTATION	Fontenau	FAO ~ Rome ~ Italy
DEVELOPING A COST-EFFECTIVE MODEL FOR A DECADAL PROGRAMME OF INTEGRATED CENSUS AND SURVEYS TO MEET THE DATA DEMANDS FOR MANAGING SUSTAINABLE DEVELOPMENT OF AGRICULTURE	Srivastava	FAO ~ Bangkok ~ Thailand
F.35 - Sampling strategies and estimation methods for integration in agriculture statistics - SO: Falorsi		
RECONCILIATION OF CENSUSES AND SURVEY DATA DURING THE NEXT ROUND OF AGRICULTURAL CENSUS	Keita	FAO ~ Rome ~ Italy
ASSISTING TOTAL ESTIMATION IN SPATIAL POPULATIONS	Cocchi	University of Bologna ~ Bologna ~ Italy
ESTIMATION STRATEGIES WITH DIFFERENT SOURCES OF INFORMATION	Fasulo	Istat ~ Rome ~ Italy
INDIRECT SAMPLING, A WAY TO OVERCOME THE WEAKNESS OF THE LISTS IN AGRICULTURAL SURVEYS	Piersante	Statistician ~ Rome ~ Italy
A SPATIALLY NONSTATIONARY FAY-HERRIOT MODEL FOR SMALL AREA ESTIMATION – AN APPLICATION TO CROP YIELD ESTIMATION	Chandra	Indian Agricultural Statistics Research Institute (IASRI) ~ New Delhi ~ India
F.36 - Master sample frame for agricultural surveys - SO: Benedetti & Gallego		
MASTER SAMPLE FRAMES FOR INTEGRATED AND LINKED SURVEYS	Boero	FAO ~ Santiago de Chile ~ Chile
USING ADMINISTRATIVE REGISTERS FOR MAKING A SAMPLE FRAME FOR AGRICULTURAL STATISTICS - METHODOLOGIES, TECHNIQUES AND EXPERIENCES	Karlsson	Swedish Board of Agriculture ~ Jönköping ~ Sweden
DEVELOPMENT OF MULTIPLE SAMPLING FRAMES FOR AGRICULTURAL SURVEYS IN KENYA	Mwaniki	Kenya National Bureau of Statistics ~ Nairobi ~ Kenya
MASTER SAMPLING FRAMES FOR AGRICULTURAL, RURAL AND AGRO-ENVIRONMENTAL STATISTICS, METHODOLOGICAL AND PRACTICAL ISSUES	Carfagna	University of Bologna ~ Bologna ~ Italy
MASTER SAMPLE FRAME FOR AGRICULTURAL SURVEYS IN GEORGIA	Guntsadze	National Statistics Office of Georgia ~ Tbilisi ~ Georgia
F.37 - Methodological challenges and proposals for the next agriculture census round - SO: Castano & Greco		
HARNESSING DATA REVOLUTION FOR COST-EFFECTIVE AGRICULTURAL CENSUSES IN THE 21ST CENTURY WITH WIDELY ACCESSIBLE AND USED RESULTS	Keita	FAO ~ Rome ~ Italy
COMPARISON BETWEEN AGRICULTURAL HOLDINGS IN THE FARM REGISTER AND AGRICULTURAL HOLDINGS IN THE BUSINESS REGISTER BASED ON CLASSIFICATION, EMPLOYMENT AND OTHER GAINFUL ACTIVITY	Wixe	Swedish Board of Agriculture ~ Jönköping ~ Sweden
STRATEGY FOR AGRICULTURAL STATISTICS 2020 AND BEYOND FOR THE FUTURE EUROPEAN AGRICULTURAL STATISTICS SYSTEM (EASS)	Lazar	Eurostat ~ Luxembourg ~ Luxembourg

A PRACTICAL APPROACH FOR MOVING FUTURE CENSUS PROGRAMS FROM BABY STEPS TO A GIANT LEAP	Beaulieu	Statistics Canada ~ Ottawa ~ Canada
ARMENIAN EXPERIENCE ON AGRICULTURAL CENSUS	Safyan	National Statistical Service of the Republic of Armenia ~ Armenia
F.38 - Post-disaster needs assessments and rapid assessments tools - SO: Marsland		
UNPACKING DECISION BOUND STORIES FROM EXPERT AND HOUSEHOLD FOCUSED POST DISASTER NEEDS ASSESSMENT OCCURRENCE IN MALAWI?	Pangapanga-Phiri	National Statistical Office ~ Zomba ~ Malawi
MACRO-SCALE ASSESSMENT AND RESPONSE TO NATURAL DISASTERS. AN ODA APPROACH	Bramati	Sapienza University ~ Rome ~ Italy
MEASURING THE FINANCIAL IMPLICATIONS OF NATURAL DISASTERS ON AGRICULTURE SECTOR	Barelli	FAO ~ Rome ~ Italy
RETHINKING LIVESTOCK SAFETY IN NATURAL DISASTERS: THE WAY FORWARD WITH IMPROVED SOCIAL INSURANCE IN DISASTER MANAGEMENT IN INDIA	Nath	Jawaharlal Nehru University ~ New Delhi ~ India
A METHODOLOGY TO MONITOR THE IMPACT OF DISASTERS IN AGRICULTURE	Lombardi	FAO ~ Rome ~ Italy
F.39 - New software, apps and tools for data collection in agriculture statistics - SO: Parsons		
ARE TABLET BASED SURVEYS A COST-EFFECTIVE AND VIABLE ALTERNATIVE TO PAPER SURVEYS FOR DEVELOPING COUNTRIES? EVIDENCE FROM AGRICULTURAL SAMPLE SURVEYS IN KENYA, TANZANIA, AND UGANDA.	Rahija	Research Officer, Global Strategy to Improve Agricultural and Rural Statistics ~ Rome ~ Italy
THE USE OF SATELLITE IMAGES TO FORECAST AGRICULTURAL PRODUCTION	Laczynski	Central Statistical Office of Poland ~ Warsaw ~ Poland
LEVERAGING TECHNOLOGY TO EMPOWER COMMUNITIES IN THE COLLECTION AND VISUALIZATION OF AGRICULTURAL DATA AND SOCIO-ECONOMIC INDICATORS IN VULNERABLE AREAS.	Ardila	United Nations Office on Drugs and Crime, ~ Bogota ~ Colombia
MAKING THE BEST SELECTION AND UTILIZATION OF NEW IT TOOLS FOR DATA WAREHOUSE SYSTEMS	Bowling	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
DATA COLLECTION METHODS AND INFORMATION TECHNOLOGIES IN RUSSIAN AGRICULTURAL STATISTICS	Laykam	Federal State Statistics Service (Rosstat) ~ Moscow ~ Russian Federation
CROSS-THEMATIC SET G: Data analysis / integration/ modeling		
G.40 - Spatial and econometric analysis in agriculture statistics - SO: Sckokai		
INDIAN AGRICULTURAL GROWTH - A SPATIAL PERSPECTIVE	Chatterjee	INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH ~ MUMBAI ~ India
MIGRATION OF FARMERS IN SENEGAL: LEARNING FROM A LINKED SPATIAL AUTOREGRESSIVE INTERACTION MODEL AND CGE APPROACH	Ligane	IFPRI ~ Dakar ~ Senegal
SPATIAL DISTRIBUTION OF ORGANIC FARMING IN ITALIAN MUNICIPALITIES	Bubbico	Postdoctoral Research Fellow ~ Dublin ~ Ireland
INFLUENTIAL OBSERVATIONS IN SPATIAL MODELS: AN APPLICATION TO SOYBEAN PRODUCTIVITY	De Bastiani	Universidade Federal de Pernambuco ~ Recife ~ Brazil
STATISTICAL MATCHING OF FER AND AGRICULTURAL CENSUS DATA: A WAY FORWARD TO RELATE FARM PERFORMANCE AND STRUCTURE	Stefani	University of Florence ~ Florence ~ Italy
G.41 - Spatial and econometric analysis in agriculture statistics - SO: Sckokai		
A DYNAMIC SPATIAL MODEL FOR AGRICULTURAL PRICE TRANSMISSION	Goundan	IFPRI ~ Dakar ~ Senegal
AGRICULTURAL PRODUCER'S FUEL POVERTY AND EFFICIENCY – SPACE-TIME ANALYSIS	Sielska	Institute of Agricultural and Food Economics – National Research Institute (IAFE-NRI) ~ Warsaw ~ Poland
SAMPLE DESIGN FOR AGRICULTURAL SURVEYS IN THE DEVELOPING COUNTRIES	Arman	UN SIAP ~ Tokyo ~ Japan
INFERRING THE BIG PICTURE FROM DATA: COMBINING DIFFERENT DATA SOURCES TO UNDERSTAND THE OPERATION OF THE DAIRY SECTOR IN MALAWI	Revoredo-Giha	Scotland's Rural College (SRUC) ~ Edinburgh ~ United Kingdom
GLOBAL DIAGNOSTICS IN GEOESTATISTICS: AN ANALYSIS FOR AGRICULTURAL DATA SET	Uribe-Opazo	Universidade Estadual do Oeste do Paraná ~ Cascavel ~ Brazil
G.42 - Estimation and classification of land cover and land use areas - SO: Pérez Cadena		
USE OF REMOTE SENSING IN ESTIMATION OF AGRICULTURAL LAND	Javier	Agroalimentary and Fisheries Information Service (SIAP) ~ Mexico ~ Mexico
VALIDATION OF COPERNICUS LAND MONITORING SERVICES AND AREA ESTIMATION	Gallego	JRC - European Commission ~ Ispra ~ Italy
THE ITALIAN LAND USE INVENTORY FOR ASSESSING LAND USE CHANGES IN ITALY DURING LAST DECADES	Marchetti	Dipartimento di Bioscienze e Territorio, Università degli Studi del Molise ~ Pesche ~ Italy
LAND COVER CHANGE AND WELFARE: A SPATIAL SIMULTANEOUS EQUATIONS MODEL FOR NORTHERN GHANA	Azzarri	IFPRI ~ Washington, DC ~ United States
PERFORMANCE OF AREA ESTIMATION BY INTEGRATION OF LINE TRANSECT SAMPLING AND MULTI-SOURCE REMOTE SENSING DATA	Zhang	Chinese Academy of Sciences ~ Beijing ~ China
G.43 - Modelling food, nutrition and agricultural markets: understanding data needs and discovering new options to meet them - SO: Schmidhuber		
STATISTICS CANADA – INTEGRATED CROP YIELD MODELLING USING REMOTE SENSING, STATISTICAL SURVEY DATA AND AGROCLIMATIC DATA	Reichert	Statistics Canada ~ Ottawa ~ Canada
THE FORECAST MODEL FOR HOG'S PRICE BASED ON THE SURVEY OF INTERMEDIATE CONSUMPTION	Cui	Department of Rural Survey,National Bureau of Statistics of China ~ Beijing ~ China
CHALLENGES FOR INDIAN AGRICULTURE AND NON - GAUSSIAN TIME SERIES MODELS FOR AGRICULTURAL CROP PRICES	Jose	Central University of Rajasthan ~ Ajmer ~ India
COMPUTATION OF AGRICULTURE: ANALYTICS FOR AGRICULTURE	Pramanik	e-Rural Services ~ Hyderabad ~ India
MODELLING MACRONUTRIENTS TRAJECTORIES: DYNAMICS PATTERNS AND MUCH MORE	Vassallo	CREA - Council for Agricultural Research and Economics ~ Rome ~ Italy
G.44 - Sampling and measurement problems for agriculture crop production estimation - SO: Gismondi		

SMALL AREA ESTIMATION FOR CROP ACREAGE IN REMOTE SENSING ASSISTED CROP SURVEY—A CASE OF AUTUMN CROP ACREAGE ESTIMATION IN JINZHOU CITY, LIAONING PROVINCE	Zhou	National Bureau of Statistics of China ~ Beijing ~ China
MEASURING AREA, YIELD AND PRODUCTION OF VEGETABLE CROPS	Keita	FAO ~ Rome ~ Italy
SAMPLING TRANSECTS FOR CROP AREA ESTIMATION WITH LOW ALTITUDE FLIGHT SURVEYS	Gallego	JRC - European Commission ~ Ispra ~ Italy
ROLE OF EARTH OBSERVATIONS FOR CROP AREA ESTIMATES IN AFRICA. EXPERIENCES FROM THE AGRICAB PROJECT	Ceccarelli	Alterra ~ Wageningen ~ Netherlands
ANNUAL CROP FORECASTING IN CHILE A SUCCESFUL EXPERIENCE OF 30 YEARS: 1986 – 2015	Velis Miranda	Agronomist ~ Santiago de Chile ~ Chile
G.45 - New software, apps and tools for data analysis, integration and modelling in agriculture statistics - SO: Harris		
SELECTIVE EDITING PROCEDURE FOR THE COMMUNITY SURVEY ON THE STRUCTURE OF AGRICULTURAL HOLDINGS	Varriale	Istat ~ Rome ~ Italy
THE CANADIAN LONGITUDINAL CENSUS OF AGRICULTURAL FILE – A TOOL TO BETTER UNDERSTAND STRUCTURAL CHANGE ON CANADIAN FARMS	Nagelschmitz	Agriculture and Agri-Food Canada ~ Ottawa ~ Canada
ASSESSING THE IMPACT OF INFECTIOUS DISEASE OUTBREAKS ON AGRICULTURE AND FOOD SECURITY: THE CASE OF THE EBOLA EBOLA VIRUS DISEASE OUTBREAK IN WEST AFRICA	Senahoun	FAO ~ Rome ~ Italy
EXTENDING THE LACO-WIKI TOOL FOR LAND COVER VALIDATION TO CROP AREA ESTIMATION	Laso Bayas	IIASA ~ Laxenburg ~ Austria
RE-ENGINEERING OF THE "ESTIMATE OF CROP, FLOWER AND POT PLANT PRODUCTION AND AREA" SURVEY: A FULLY INTEGRATED AND AUTOMATED SYSTEM FOR DATA COLLECTION, ANALYSIS AND DISSEMINATION	De Gaetano	Istat ~ Rome ~ Italy
CROSS-THEMATIC SET H: Data dissemination & communication / Use of statistics for policy making & research		
H.46 - Platforms for data dissemination and data analysis - SO: Dupriez		
USING MODERN TECHNOLOGY TO MAKE METADATA OF AGRICULTURAL STATISTICS AVAILABLE FOR DATA USERS	Mohammed	Central Agency for public Mobilization and statistics (CAPMAS) ~ Cairo ~ Egypt
UNRAVELLING THE ROLE OF THE PRINT FRATERNITY, MEDIA COMMUNITY AND GOVERNMENT SPOKESPERSONS IN DISSEMINATING OFFICIAL AGRICULTURAL DATA THROUGH VISUALIZATION	Pangapanga	Research for Development ~ Zomba ~ Malawi
STANDARDS AND TOOLS FOR THE DISSEMINATION OF AGRICULTURE MICRODATA: REVIEW AND IMPROVEMENTS	Welch	The World Bank ~ Washington, DC ~ United States
FROM NUTRITION SURVEILLANCE TO FOOD SECURITY AND NUTRITION MONITORING: LESSONS FROM THE LAST THREE DECADES	Babu	IFPRI ~ Washington, DC ~ United States
H.47 - Measuring the use of agricultural statistics for decision-making - SO: Gennari		
ASSESSING THE IMPACT OF AGRICULTURAL RESEARCH: DATA REQUIREMENTS AND QUALITY OF CURRENT STATISTICS IN EUROPE	Coli	University of Pisa ~ Pisa ~ Italy
THE (UNDER)UTILIZATION OF AGRICULTURAL STATISTICS IN TANZANIA AND UGANDA: EVIDENCE AND INNOVATION	Mwisomba	National Bureau of Statistics ~ Dar es Salaam ~ Tanzania, United Republic of
INEVITABILITY OF STATISTICAL COLLABORATION LABORATORIES FOR FOOD AND AGRICULTURAL RESEARCH IN DEVELOPING COUNTRIES: THE CASE OF PAKISTAN	Muhammad	Nuclear Institute for Food and Agriculture (NIFA) ~ Peshawar ~ Pakistan
THE NATIONAL AGRICULTURAL STATISTICS REVIEW: COLLABORATIVE PARTNERSHIPS TO SUPPORT THE AUSTRALIAN AGRICULTURAL STATISTICAL SYSTEM	Lehmann	Australian Bureau of Statistics ~ Hobart ~ Australia
A MEASURE OF THE FAO CONTRIBUTION TO THE IMPROVEMENT OF THE OUTCOME OF THE COUNTRIES	Dönmez	FAO ~ Rome ~ Italy
H.48 - The new professional profile of Agricultural Statisticians - SO: Evaraers		
THE ROLE OF SUBJECT MATTER AND METHODOLOGICAL SKILLS IN THE PROFILE OF MODERN AGRICULTURAL STATISTICIANS	Kouadio	École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA) ~ Abidjan ~ Côte d'Ivoire
THE ROLE OF IT SKILLS IN THE PROFILE OF MODERN AGRICULTURAL STATISTICIANS	Harris	USDA National Agricultural Statistics Service ~ Washington, DC ~ United States
THE ROLE OF COMMUNICATION SKILLS IN THE PROFILE OF MODERN AGRICULTURAL STATISTICIANS	Domaszewicz	Central Statistical Office of Poland ~ Warsaw ~ Poland
THE ROLE OF RECRUITMENT AND TRAINING FOR IN ANSWER TO THE REQUEST FOR AGRICULTURAL STATISTICIANS	Naslund	Eurostat ~ Luxembourg ~ Luxembourg
POSTER SESSION		
POSTER SESSION - SO: Steiner		