



New challenges and cross-cutting issues in agricultural and rural planning

Organizers: Elisabetta Carfagna – Department of Statistical Sciences – Alma Mater Studiorum University of Bologna
Patrizia Tassinari – Department of Agrarian Sciences – Alma Mater Studiorum University of Bologna

14:30 Welcome – Ivano Dionigi – Rector of Alma Mater Studiorum University of Bologna (UNIBO)

14:45 Opening – Luca Sani – Chair of the Agriculture Committee of the Italian Chamber of Deputies

First session

New challenges in agricultural and rural land management and planning

Chair: Luca Sani – Chair of the Agriculture Committee of the Italian Chamber of Deputies

15:00 Patrizia Tassinari – University of Bologna

Improving knowledge to make better decisions in rural planning, focus on efficiency and accuracy

15:20 Bas Pedroli – Uniscape Director – Wageningen University

A roadmap for future land use management in Europe: the VOLANTE project

15:40 Giorgio Provolo – University of Milan

Environmental sustainability of intensive livestock activities

16:00 Francisco Ayuga – Technical University of Madrid

Evolution of the Agricultural Engineering studies to cover new challenges and needs -

16:20 Discussion

Second session

Rural land management and planning: crosscutting and interdisciplinary issues

Chair: Patrizia Tassinari – University of Bologna

16:30 Roberto Fanfani – University of Bologna

Urban vs rural development

16:50 Gabriele Garnero – University of Turin

The mosaicking of agricultural and forestry landscapes for an ecologically oriented planning within protected areas

17:10 Lorenzo Boccia – University of Naples

From agriculture to energy crops. Land Cover Change assessment through spatial multi-criteria analysis and decision support tool

17:30 Marco Vizzari – University of Perugia

Landscape gradients: a new and challenging approach to spatial analysis and planning

17:50 General discussion and concluding remarks

18:00 – 18:20 Coffee break



Impact evaluation of policies and projects for agricultural and rural development

Organizer: Elisabetta Carfagna – Department of Statistical Sciences - Alma Mater Studiorum University of Bologna

18:20 Welcome – Gianluca Fiorentini, Vice Rector for Teaching and Education of Alma Mater Studiorum University of Bologna

18:30 Message from Simonetta Di Cori, representing the Italian Ministry of Foreign Affairs and International Cooperation

First session

Evaluating the impact of agricultural and rural development policies and projects

Chair: Elisabetta Carfagna – University of Bologna

18:40 Minà Dowlatchahi – Food and Agriculture Organization of the United Nations (FAO)
Statistics for food security: FAO's assessment of countries' capacities for evidence-based policy making

19:00 Alessandra Garbero – International Fund for Agricultural Development (IFAD)
Challenges to impact evaluation, solutions for IFAD

19:20 Fabien Santini – Joint Research Centre of the European Commission
Uncertainties in impact assessment of policies or external drivers on agricultural markets, the case of the Russian crisis

19:40 Bettina Baruth – Joint Research Centre of the European Commission
Crop monitoring to support food security policies - initiatives by the European Commission

20:00 Discussion

Second session

Monitoring the impact of agricultural development on the environment

Chair: Minà Dowlatchahi – FAO

20:10 Giuseppe Blasi – Head of European and International Policies and rural development - Italian Ministry of Agricultural, Food and Forestry Policies
Common agricultural policy and agro-environment preservation

20:30 Sven Gilliams – Vlaamse Instelling Voor Technologisch Onderzoek N.V. (VITO)
The use of Time series of Remote Sensing data to monitor the impact of agricultural intensification at global scale

20:50 John Latham – FAO and Elisabetta Carfagna – University of Bologna
Impact evaluation of agricultural intensification at country level -

21:10 – 21:30 General discussion and concluding remark.



Monitoring agriculture for market management and food security

Organizers: Paolo Pizziol – *Institute for Environment and Sustainability, Joint Research Centre, European Commission*

Elisabetta Carfagna – *Department of Statistical Sciences - Alma Mater Studiorum University of Bologna*

11:00 Welcome – *David Wilkinson, Commissioner General for EU participation to EXPO and Director of the JRC's Institute for Environment and Sustainability*

11:15 Welcome – *Gianluca Fiorentini, Vice Rector for Teaching and Education of Alma Mater Studiorum University of Bologna*

Chair: *Neil Hubbard – Head of MARS Unit, Institute for Environment and Sustainability, Joint Research Centre*

11:30 Opening by *Paolo De Castro – S&D Coordinator, Committee on Agriculture and Rural Development of the European Parliament*

11:50 *Giampiero Genovese – DG-AGRI/Joint Research Centre*

Improving agricultural statistics for market management, food security and agro-environmental monitoring –

12:10 *Stefan Niemeyer – Joint Research Centre*

The MARS Crop Yield Forecasting System

12:30 *John Latham – FAO*

Monitoring land cover with GIS and remote sensing

12:50 Discussion

13.10 – 14:30 Lunch

14.30 – 15:00 Tour of EU pavilion

Chair: *Elisabetta Carfagna, – University of Bologna*

15:00 *Philippe Loudjani – Joint Research Centre*

Use of New Technologies for agricultural monitoring

15:20 *Giuseppe Arbia – Cattolica University*

Statistical modelling of agricultural data in a world of big data

15:40 *Michael Steiner – United States Department of Agriculture (USDA)*

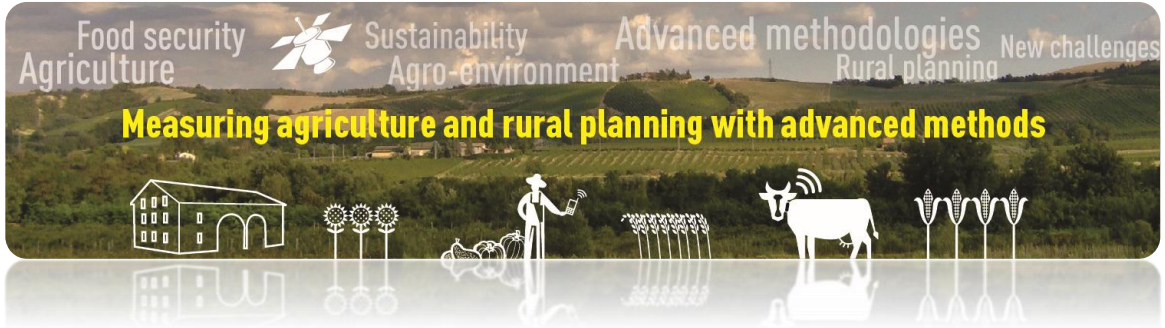
Appropriate Survey Methods for Different Country Profiles - Key Challenges, Gaps and Remaining Methodological Issues

16:00 *Cristiano Ferraz – Federal University of Pernambuco and Fulvia Mecatti - University of Milano Bicocca*

Combining different sampling frames for agricultural statistics -

16:20 Discussion

16:40– 17:10 Coffee break



Chair: *Giampiero Genovese – DG-AGRI/Joint Research Centre*

17:10 Monica Pratesi – University of Pisa and Alessandra Petrucci - University of Firenze
Disaggregating agricultural statistics by small area models

17:30 Roberto Benedetti and Paolo Postiglione – University of Chieti-Pescara and Federica Piersimoni – Istat
More efficient and accurate methods for using remote sensing

17:50 Javier Gallego – Joint Research Centre
Satellite images and crop area estimation: perspectives with new sensors

18:10 Zhengyuan Zhu – Iowa State University and Sarah Nusser – Iowa State University confirmed
Advanced methods for agricultural and agro-environmental monitoring

18:30 – 19:00 – General discussion and concluding remarks.

Further details can be found at <https://eventi.unibo.it/expo2015ruralplanning>