



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DISEI
DIPARTIMENTO DI SCIENZE
PER L'ECONOMIA E L'IMPRESA



8th AIEEA Conference

Sponsored by



With the participation of



Distretto Rurale Vivaistico
Ornamentale di Pistoia

**TOMORROW'S FOOD: DIET
TRANSITION AND ITS
IMPLICATIONS ON HEALTH
AND THE ENVIRONMENT**

13 - 14 June, 2019

UNISER, via S. Pertini, 358 - Pistoia

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Conference topic

Despite past progress, approximately 3 billion people across the globe have low-quality diets. Nearly a quarter of all children under five years of age are stunted, more than 2 billion people have insufficient micronutrients. While undernourishment is concentrated in developing countries, the incidence of overweight and obesity is growing in every region. As a result, many economies are seriously underperforming, and diet-related chronic diseases are placing ever-greater demands on health care systems.

At the same time, environmental impacts of current food production and consumption patterns are rampant. The food system contributes to approximately 20-30% of greenhouse gases (GHG) total emissions, 15-25% from agriculture/land use change and 5-10% from packaging, transportation and waste disposal.

The situation is set to worsen dramatically over the next 20 years as powerful drivers of change such as population growth, climate change, diet transition towards animal products and urbanization converge on food systems. This concern is reflected by various Sustainable Development Goals (SDGs) – namely, “Zero hunger” (SDG-2), “Good health and wellbeing” (SDG-3), and “Responsible consumption and production” (SDG-12), just to mention the most important ones – that try to address these issues. While these problems are of utmost urgency for low- and middle-income countries, they are also a stark concern for all countries.

Considerable challenges need to be addressed in order to have an effective and sustainable diet transition. In particular, food systems need to be harnessed so that they nourish rather than merely feed people. This alone will open up countless opportunities for interventions that decision makers can tailor to specific situations. Furthermore, priorities for action at national and international levels as well as detailed advice and guidance need to be identified in order to provide guidance to decision makers.

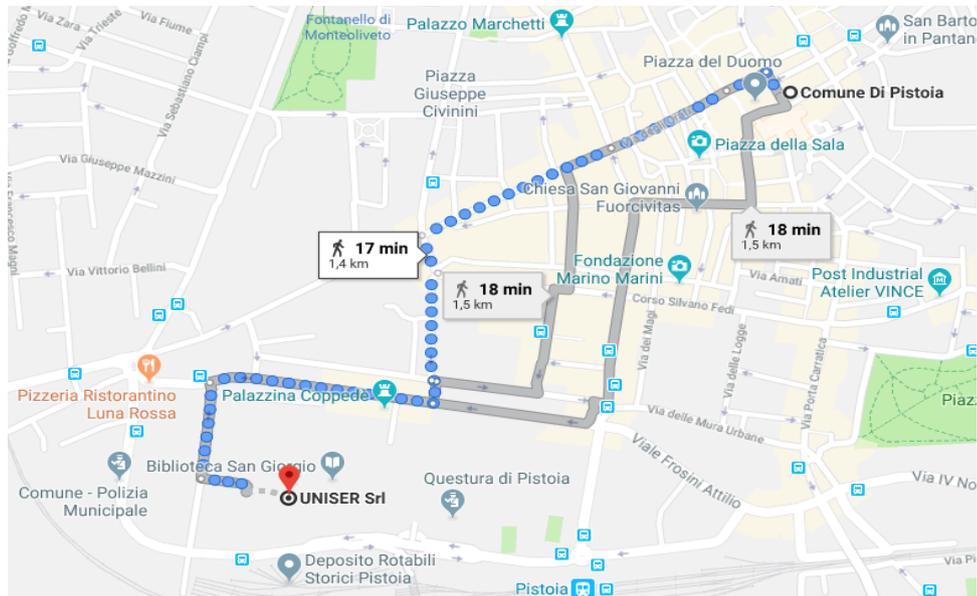
The 8th AIEAA Congress will therefore focus on the conundrum represented by the interaction of economic development, nutrition and health, and sustainability. Sustainable diets are intended to address the increasing health and environmental concerns related to food production and consumption. Although many candidates for sustainable diets have emerged, a comprehensive analysis of these diets has not been done yet. A number of public policies have been proposed to promote healthy and environmentally sustainable diets at production and consumption levels, but the level of integration is still relatively low. New evidence is needed on the effectiveness of public policies for sustainable diets.

Venue

Pre-conference: Sala Maggiore del Comune di Pistoia, Piazza del Duomo 1, Pistoia

Conference: UNISER, Via Sandro Pertini 358 (2nd floor), Pistoia

Itinerary from Comune di Pistoia to UNISER

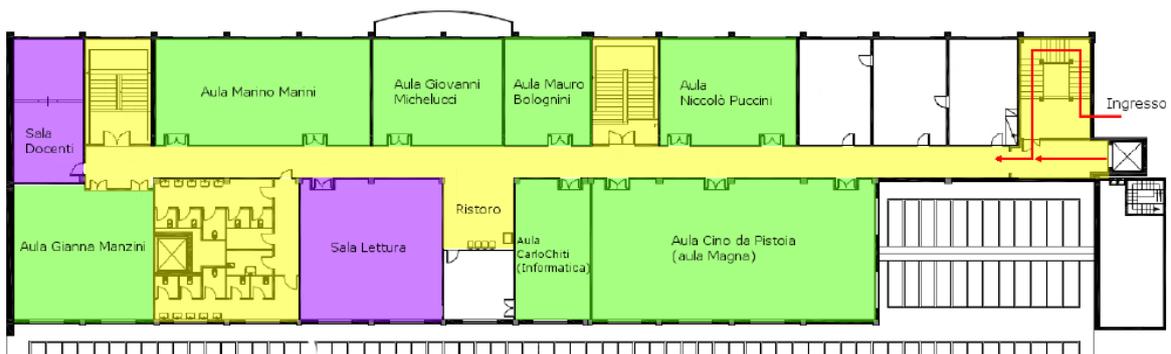


UNISER 2nd floor Plan



Legend :

- CLASSROOM
- GALLERY
- LUNCH AND LUGGAGE STORE



PROGRAM AT A GLANCE

THURSDAY, 13 JUNE 2019

Venue: Pistoia Town Hall

08:30 – 09:00	<i>Registration</i>
09:00 – 12:30	Pre-Conference: 170 di vivaismo a Pistoia. La nuova sfida per la competitività: Imprese agricole in rete per la sostenibilità
12.30 – 13:00	<i>Lunch</i>
13:00 – 13:30	<i>Transfer to UNISER (walking distance)</i>

Venue: UNISER

13.30 – 15:00	AIEAA Assembly [Aula Magna]						
15:00 – 15:15	Welcome and conference opening [Aula Magna]						
15:15 – 16:15	1st Plenary session [Aula Magna]						
16:15 – 16:45	<i>Coffee break</i>						
16:45 – 18:15	Contributed paper sessions					Organised sessions	
	CP1 Agri-environmental issues	CP2 Consumer preferences and WTP	CP3 Healthy foods and diets	CP4 Development and food security	CP5 Food waste	OS1 Economic and social aspects of agritourism	OS2 Changes, challenges and opportunities in the forest sector
18:15 – 19:15	Young economists' session [Aula Magna]						
19:30 – 20:00	<i>Transfer to social dinner venue (by shuttle)</i>						
20:00 – 23:00	<i>Social dinner</i>						
23:00 – 23:30	<i>Transfer to Pistoia center (by shuttle)</i>						

FRIDAY, 14 JUNE 2019

Venue: UNISER

8:30 – 10:00	Contributed paper sessions					Organised sessions	
	CP6 Nutrition	CP7 Choice experiments	CP8 Collective action, territory	CP9 Farm income	CP10 Ecological services	OS3 Food security, agriculture and food systems in the global South	OS4 Emerging issues and instruments in public goods provision
10:00 – 10:30	<i>Coffee break</i>						
10:30 – 12:30	2nd Plenary session [Aula Magna]						
12:30 – 13:30	<i>Lunch</i>						
13:30 – 14:30	Parallel poster session [Gallery]						
14:30 – 16:00	Contributed paper sessions					Organised sessions	
	CP11 Agricultural policy	CP12 Trade and markets	CP13 Information and risk	CP14 Productivity	CP15 Wine	IAERE Emerging issues in environmental economics	OS5 Sustainable diets and food systems between tradition and innovation
16:00 – 16:30	Concluding ceremony: O.W. Maietta best paper award [Aula Magna]						

DETAILED PROGRAM

THURSDAY, 13 JUNE 2019

Pistoia Town Hall

08:30 – 09:00	<i>Registration</i>	<i>Sala Maggiore</i>
09:00 – 12:30	Pre-Conference: 170 di vivaismo a Pistoia. La nuova sfida per la competitività: Imprese agricole in rete per la sostenibilità	<i>Sala Maggiore</i>
12.30 – 13:00	<i>Lunch</i>	<i>Town Hall Court</i>
13:00 – 13:30	<i>Transfer to UNISER (walking distance)</i>	

UNISER

13.30 – 15:00	AIEAA Assembly	<i>Aula Magna</i>
15:00 – 15:15	Welcome and conference opening	<i>Aula Magna</i>
15:15 – 16:15	1st Plenary session <i>Chair:</i> Giovanni Cannata ¹ ¹ Universitas Mercatorum, Rome Diet transition and wellbeing: challenges and prospects for food systems Vincent REQUILLART ¹ ¹ Toulouse School of Economics and INRA <i>Discussant:</i> Margherita SCOPPOLA ¹ ¹ University of Macerata	<i>Aula Magna</i>
16:15 – 16:45	<i>Coffee break</i>	
16:45 – 18:15	Contributed paper session 1 – Agro-environmental issues <i>Chair:</i> Alessandro OLPER ¹ ¹ University of Milan What are the factors driving the adoption of sustainable irrigation technologies in Italy? Andrea PRONTI ¹ , Massimiliano MAZZANTI ¹ , Arianna DI PAOLA ² , Sabrina AUCI ³ ¹ University of Ferrara, ² Euro-Mediterranean Center on Climate Change, Venice, ³ University of Palermo Agricultural policy, climate change adaptation and sustainability: Assessing drivers and mechanisms in an alpine case study area Stefano TARGETTI ¹ , Michel MOULÉRY ¹ , Claude NAPOLÉONE ¹ ¹ INRA Ecodevelopment Temperature shocks and economic outcomes: An application of panel data econometrics to Italian provinces Alessandro OLPER ¹ , Francesca LUCCHESI ¹ , Maurizio MAUGERI ¹ ¹ University of Milan An axiomatic foundation of the ecological footprint Thomas KUHN ¹ , Radomir PESTOW ¹ , Anja ZENKER ¹ ¹ Chemnitz University of Technology	<i>Aula Bolognini</i>

16:45 – 18:15	<p>Contributed paper session 2 – Consumer preferences and WTP <i>Chair:</i> Simone CERRONI¹ ¹ University of Trento and Queen's University Belfast</p> <p>Consumers' preferences for healthy and sustainable food: A non-hypothetical discrete choice experiment Simone CERRONI¹, Jennie MACDIARMID² ¹ University of Trento and Queen's University Belfast, ² University of Aberdeen</p> <p>Drivers of consumers' preferences and willingness-to-pay for organic wine: Evidence from a non-hypothetical discrete choice experiment Djamel RAHMANI¹, Maria LOUREIRO², Cristina ESCOBAR¹ ¹ Polytechnic University of Catalonia, ² University of Santiago de Compostela</p> <p>Does information affect preferences and willingness to pay for cisgenic food? Evidence from a choice experiment Elisa DE MARCHI¹, Alessia CAVALIERE¹, Alessandro BANTERLE¹ ¹ University of Milan</p> <p>Assessing the willingness to pay for a typical mountain cheese: a choice experiment approach Chiara MAZZOCCHI¹, Guido SALI¹ ¹ University of Milan</p>	Aula Michelucci
16:45 – 18:15	<p>Contributed paper session 3 – Healthy foods and diets <i>Chair</i> Giuseppe NOCELLA¹ ¹ University of Reading</p> <p>College students and eating habits: A study using an ecological model for healthy behavior Cristina MORA¹, Giovanni SOGARI¹, Catalina VELEZ-ARGUMEDO², Miguel I. GÓMEZ³ ¹ University of Parma, ² Tecnológico de Monterrey, ³ Cornell University</p> <p>Consumers' understanding of healthy foods: evidence on superfoods in Belgium Claudia DELICATO¹, Fiorella Pia SALVATORE¹, Francesco CONTÒ¹ ¹ University of Foggia</p> <p>Consumers' preferences for functional mozzarella cheese and trade-off between nutrition and health claims under Regulation 1924/2006 Rosaria VISCECCHIA¹, Giuseppe NOCELLA², Biagia DE DEVITIIS¹ ¹ University of Foggia, ² University of Reading</p>	Aula Marini
16:45 – 18:15	<p>Contributed paper session 4 – Development and food security <i>Chair:</i> Donato ROMANO¹ ¹ University of Florence</p> <p>Fertility after the drought: Theory and evidence from Madagascar Sylvain DESSY¹, Francesca MARCHETTA², Roland PONGOU³, Luca TIBERTI¹</p>	Aula Manzini

¹ Laval University, Quebec City, ² Clermont Auvergne University, Clermont Ferrand, ³ University of Ottawa

How does exposure to contemporary land grabs by domestic and foreign entities affect food security? An insight from farm households in northern Ghana

Abdul-Hanan ABDALLAH¹, Michael AYAMGA¹, Joseph A. AWUNI¹

¹ University for Development Studies, Tamale

How do droughts impact household food consumption and nutritional intake? A study of rural India

Fenella CARPENA¹

¹ Oslo Metropolitan University

Disentangling heterogeneity of rural household income diversification in Tanzania: Determinants and impacts on well-being

Giulia MALEVOLTI¹, Donato ROMANO², Antonio SCOGNAMILLO¹

¹ FAO, Rome, ² University of Florence

16:45 – 18:15

Contributed paper session 5 – Food waste

Aula Chiti

Chair: Mario VENEZIANI¹

¹ University of Parma

Who cleans the plate? Food waste assessment in an Italian restaurant

Silvio FRANCO¹, Clara CICATIELLO¹

¹ University of Tuscia, Viterbo

Revealing the hidden economic, environmental and nutrition impacts of food waste at school canteens

Laura GARCIA HERRERO¹, Fabio DE MENNA¹, Christine COSTELLO², Matteo VITTUARI¹

¹ University of Bologna, ² University of Missouri

Too valuable to be wasted? Consumer attitude and willingness to accept the purchase of ugly carrots

Mario VENEZIANI¹, Mariya VIVTONENKO¹, Michele DONATI¹

¹ University of Parma

Innovation is prevention: assessing the main drivers for the adoption of food waste reduction innovations in grocery retailers

Matteo MASOTTI¹, Marco SETTI¹, Simone PIRAS², Simone RIGHI³, Lusine ARAMYAN⁴, Katja LOGATCHEVA⁴, Matteo VITTUARI¹

¹ University of Bologna, ² The James Hutton Institute, ³ University College London, ⁴ Wageningen Economic Research

16:45 – 18:15

Organised session 1 - Economic and social aspects of agritourism and its impact on the territory

Aula Magna

Organizers: Gianluca STEFANI¹, Benedetto ROCCHI¹

¹ University of Florence

Chair: Gianluca STEFANI¹

¹ University of Florence

	<p>Is agritourism a driver towards sustainable farming? Evidence from Italy Gianluca STEFANI¹, Benedetto ROCCHI¹, Edi DE FRANCESCO², Leonardo CEI², Yiorgos GADANAKIS³ ¹ University of Florence, ² University of Padua, ³ University of Reading</p> <p>Agriculture and tourism sector linkages: Global relevance and local evidence for the case of South Tyrol Christian FISCHER¹ ¹ Free University of Bolzano/Bozen</p> <p>Agritourism, new generation farmers and social innovation: Experiences from Italian mountain regions Emilio CHIODO¹, Rita SALVATORE¹ ¹ University of Teramo</p> <p>Tourism engagement and wellbeing from a learning perspective Giovanna BERTELLA¹, Alessio CAVICCHI², Sabrina TOMASI² ¹ UiT The Arctic University of Norway, Tromsø, ² University of Macerata</p>	
16:45 – 18:15	<p>Organised session 2 - Changes, challenges and opportunities in the forest sector: Policy and economic responses <i>Organizers:</i> Paola GATTO¹, Davide PETTENELLA¹ ¹ University of Padua</p> <p><i>Chair:</i> Davide PETTENELLA¹ ¹ University of Padua</p> <p>2017-2018: Changes, developments and challenges in the forestry normative framework in Italy Davide PETTENELLA¹, Paola GATTO¹, Laura SECCO¹, Elena PISANI¹ ¹ University of Padua</p> <p>The impact of Vaia storm on the timber market in North-Eastern Italy Mauro MASIERO¹, Davide PETTENELLA¹, Nicola ANDRIGHETTO², Alex PRA² ¹ University of Padua, ² Etifor s.r.l., Padua</p> <p>State of implementation and evolution of forestry measures in the regional RDP 2014-2020 and theirs prospects for the period 2021-2027 Raoul ROMANO¹, Luca CESARO² ¹ CREA, Rome, ² CREA, Legnaro (PD)</p> <p>Interventions for the prevention and restoration of damage caused by extreme natural events in rural development policies: potential and perspectives Raoul ROMANO¹, Luca CESARO² ¹ CREA, Rome, ² CREA, Legnaro (PD)</p>	<i>Aula Puccini</i>
18:15 – 19:15	Young economists' session	<i>Aula Magna</i>
19:30 – 20:00	<i>Transfer to social dinner venue (by shuttle)</i>	
20:00 – 23:00	<i>Social dinner</i>	
23:00 – 23:30	<i>Transfer to Pistoia center (by shuttle)</i>	

8:30 – 10:00	<p>Contributed paper session 6 – Nutrition <i>Chair:</i> Jose-Maria GARCIA-ALVAREZ-COQUE¹ ¹ Universitat Politecnica de Valencia</p> <p>Determinants of nutrition intake in the rural-urban interface of Bangalore Anjali KATIGANERE PURUSHOTHAMI¹ ¹ Georg-August Universität</p> <p>Integrating sustainability into multi-criteria assessment of urban dietary patterns in València, Spain Jose-Maria GARCIA-ALVAREZ-COQUE¹, Ola ABDULLATEEF², Loreto FENOLLOSA¹, Javier RIBAL¹, Neus SANJUAN¹, Jose Miguel SORIANO³ ¹ Universitat Politecnica de Valencia, ² Instituto Agronómico Mediterráneo de Zaragoza, ³Universitat de València</p> <p>Understanding and promoting sustainable diets using a theoretical approach: A systematic review Beatrice BIASINI¹, Alice ROSI¹, Francesca GIOPP¹, Francesca SCAZZINA¹, Davide MENOZZI¹ ¹ University of Parma</p> <p>Fair trade or trade fair? International food trade and cross-border macronutrient flows Silvio TRAVERSO¹, Stefano SCHIAVO¹ ¹ University of Trento</p>	<i>Aula Bolognini</i>
8:30 – 10:00	<p>Contributed paper session 7 – Choice Experiments <i>Chair:</i> Roberta RAFFAELLI¹ ¹ University of Trento</p> <p>Understanding the influence of visual emotional stimuli on stated choices for large carnivores management and conservation Sandra NOTARO¹, Gianluca GRILLI² ¹ University of Trento, ² Economic and Social Research Institute, Dublin</p> <p>Unraveling hypothetical bias in discrete choice experiments: the role of signaling and biased beliefs Luisa MENAPACE¹, Roberta RAFFAELLI² ¹ Technical University of Munich, ² University of Trento</p> <p>Willingness to pay for land-use based climate adaptation: the case of the Garda river lake Linda ARATA¹, Francesca DILUISSO², Gianni GUASTELLA¹, Stefano PAREGLIO^{1,2}, Paolo SCKOKAI¹ ¹ Catholic University of the Sacred Heart, Piacenza ² Eni Foundation Enrico Mattei, Milan</p> <p>The WTP for mitigation solutions to the visual impact of agricultural sheds and treatment effects Vito FRONTUTO¹, Alessandro CORSI¹, Silvia NOVELLI¹, Paola GULLINO¹, Federica LARCHER¹</p>	<i>Aula Michelucci</i>

	¹ University of Turin	
8:30 – 10:00	<p>Contributed paper session 8 – Collective action, territory <i>Chair:</i> Filippo ARFINI¹ ¹ University of Parma</p> <p>The territorial dimension in the emergence of coordination in the agri-food sector: an analysis of Italian network contracts Francesco PAGLIACCI¹, Matteo ZAVALLONI², Meri RAGGI², Davide VIAGGI² ¹ University of Padua, ² University of Bologna</p> <p>Citizen co-production: consumers' engagement towards sustainable food products and healthy diets Giovanna SACCHI¹, Gianluca STEFANI¹, Giuseppe NOCELLA² ¹ University of Florence, ² University of Reading</p> <p>On the relevance of the region-of-origin in consumers studies: a meta-analysis Fabio Gaetano SANTERAMO¹, Emilia LAMONACA¹, Domenico CARLUCCI², Biagia De DEVITIIS¹, Antonio SECCIA¹, Rosaria VISCECCHIA¹, Gianluca NARDONE¹ ¹ University of Foggia, ² University of Bari</p> <p>Sustainability, Innovation and Rural Development: the Case of Parmigiano-Reggiano PDO Filippo ARFINI¹, Claudio CONSIGLIERI¹, Elena COZZI¹, Michele DONATI¹, Marianna GUARESCHI¹, Maria Cecilia MANCINI¹, Mario VENEZIANI¹ ¹ University of Parma</p>	<i>Aula Marini</i>
8:30 – 10:00	<p>Contributed paper session 9 – Farm income <i>Chair:</i> Benedetto ROCCHI¹ ¹ University of Florence</p> <p>Farm size thresholds in adopting direct-to-consumer sales Alessandro CORSI¹, Silvia NOVELLI¹ ¹ University of Turin</p> <p>The role of CAP measures in enhancing farm income: a dynamic panel analysis accounting for farm size in Italy Simone SEVERINI¹, Luigi BIAGINI², Federico ANTONIOLI¹ ¹ University of Tuscia, Viterbo</p> <p>The Effect of geographical index on income stability in Italian farms Mona AGHABEYGI¹, Filippo ARFINI¹, Michele DONATI² ¹ University of Parma</p> <p>The farm income problem in the European Union and the role of the CAP support: a panel analysis Maria MARINO¹, Benedetto ROCCHI¹, Simone SEVERINI² ¹ University of Florence, ² University of Tuscia, Viterbo</p>	<i>Aula Manzini</i>
8:30 – 10:00	<p>Contributed paper session 10 – Ecological services <i>Chair:</i> Matteo ZAVALLONI¹ ¹ University of Bologna</p>	<i>Aula Chiti</i>

**Heterogeneous Impacts of CAP Greening on Farmland Uses:
Evidence from Big Data**

Danilo BERTONI¹, Giacomo ALETTI¹, Alessandra MICHELETTI¹, Daniele CAVICCHIOLI¹, Roberto PRETOLANI¹

¹ University of Milan

**Do the CAP pillars produce environmental effects?
Disentangling the impact of the 1st pillar and the AESs with a
propensity score matching approach**

Riccardo D'ALBERTO¹, Matteo ZAVALLONI¹, Meri RAGGI¹, Davide VIAGGI²

¹ University of Bologna

**A spatial-based tool for the analysis of payments for forest
ecosystem services related to hydrogeological protection**

Gianluca GRILLI¹, Roberto FRATINI¹, Enrico MARONE¹, Sandro SACCHELLI¹

¹ University of Florence

**Social hotspots mapping: a participatory approach for
identifying cultural ecosystem services of forests**

Carmelina PRETE¹, Mario COZZI¹, Mauro VICCARO¹, Severino ROMANO¹

¹ University of Basilicata, Potenza

8:30 – 10:00

**Organised session 3 - Food security, agriculture and food systems
in the global South**

Aula Magna

Organizers: Raffaele BERTINI¹, Alessandro CARRARO², Federico CIANI², Antonio SCOGNAMILLO¹, Marco TIBERTI³

¹ FAO, Rome ² University of Florence, ³ World Bank

Chair: Federico CIANI¹

¹ University of Florence

**Strengthening the Links between Small-Scale Farmers and their
Cooperatives: Evidence a AVCPO project on durum wheat in
Ethiopia**

Mario BIGGERI¹, Federico CIANI², Alessandro CARRARO¹, Francesco BURCHI³

¹ University of Florence, ² ARCO, University of Florence, ³ German Development Institute

**Assessing the implications of the number of timing of visits on
agricultural survey data**

Marco TIBERTI¹, Philip WOLLBURG¹, Alberto ZEZZA¹

¹ World Bank

**Unpacking the impact of social protection on smallholders'
climate vulnerability: Evidence from Malawi**

Antonio SCOGNAMILLO¹, Nicholas SITKO¹

¹ FAO, Rome

**Social Networks and Social Cash Transfers: spill-over effects on
food security and nutrition in Lesotho**

Alessandro CARRARO¹, Lucia FERRONE¹

¹ University of Florence

	<p>Costs to be smallholders. Empirical evidence from several countries Giovanni FEDERIGHI¹, Panagiotis KARFAKIS¹ ¹ FAO, Rome</p>	
8:30 – 10:00	<p>Organised session 4 - Emerging issues and instruments in public goods provision from agriculture <i>Organizers:</i> Fabio BARTOLINI¹, Matteo ZAVALLONI² ¹ University of Pisa, ² University of Bologna</p> <p><i>Chair:</i> Fabio BARTOLINI¹ ¹ University of Pisa</p> <p>Perspective research issues in the provision of public goods Davide VIAGGI¹ ¹ University of Bologna</p> <p>Improving the understanding of barriers and drivers of agro-ecological transitions: A research perspective Gerald SCHWARZ¹ ¹ Thünen Institute of Farm Economics, Braunschweig</p> <p>The frontiers of incentive environmental contract design and outcome-based policy, a review of work and hypotheses Daniele VERGAMINI¹, Fabio BARTOLINI¹ ¹ University of Pisa</p> <p>EU market and policy incentives supporting the transitions towards agro-ecological farming systems Andis ZILANSA ¹, Francesco VANNI², Andrea POVELLATO ³ ¹ Baltic Environmental Forum, ² CREA, Rome, ³ CREA, Legnaro (PD)</p> <p>Cooperative pollination management: a coalition formation framework Matteo ZAVALLONI¹, Francois BAREILLE¹, Meri RAGGI¹, Davide VIAGGI¹ ¹ University of Bologna</p> <p>Novel contract models for innovative agri- environmental-climate measures and for valorization of environmental public goods Francesco DI IACOVO¹, Roberta MORUZZO¹, Ana AZA¹, Francesco RICCIOLI¹ ¹ Univeristy of Pisa</p>	<i>Aula Puccini</i>
10:00 – 10:30	<i>Coffee break</i>	
10:30 – 12:30	<p>2nd Plenary session</p> <p><i>Chair:</i> Franco SOTTE¹ ¹ Polytechnic University of Marche</p> <p>The impact of changing diets on health and the environment Jennie MACDIARMID¹ ¹ University of Aberdeen</p> <p><i>Discussant:</i> Cristina MORA¹ ¹ University of Parma</p>	<i>Aula Magna</i>

	<p>Assessing policies for sustainable diets: Trade-offs and complementarities Daniele MORO¹ ¹ Catholic University of the Sacred Heart, Piacenza</p> <p><i>Discussant:</i> Giuseppe NOCELLA¹ ¹ University of Reading</p>	
12:30 – 13:30	<i>Lunch</i>	
13:30 – 14:30	Parallel poster session	<i>Gallery</i>
	<p>Understanding the link between regional characteristics and geographical indications: An infrequency of purchase approach Leonardo CEI¹, Edi DEFRANCESCO¹, Gianluca STEFANI² ¹ University of Padua, ² University of Florence</p> <p>Plantations and small-scale agriculture for household food security. Evidence from the Lake Naivasha Basin, Kenya Maria SASSI¹ ¹ University of Pavia</p> <p>Evidence on agroecological performance: a case study on push-pull farming system from Western Kenya Raffaele D'ANNOLFO¹, Barbara GEMMILL-HERREN², David AMADUVI³, Hudson W. SHIRAKU³, Mariacristina PIVA¹, Lucas A. GARIBALDI⁴ ¹ Catholic University of the Sacred Heart, Piacenza, ² World Agroforestry Centre, Nairobi, ³ Biovision Africa Trust, Nairobi, ⁴ Universidad Nacional de Río Negro, Viedma</p> <p>Information implication on traceability for the food supply chain Francesco GALIOTO¹, Meri RAGGI¹, Davide VIAGGI¹ ¹ University of Bologna</p> <p>Exploring sustainability in rural business models through the identification of operational indicators Silvia RUSSO¹, Andrea SABA¹, Meri RAGGI¹ ¹ University of Bologna</p> <p>Testing the accuracy of home-grown preferences using induced-value experimental procedures Simone CERRONI¹, Jennie MACDIARMID², Verity WATSON² ¹ University of Trento and Queen's University, Belfast, ² University of Aberdeen</p> <p>Exploring governance mechanisms and co-production in alternative food networks: linking policy to practice in Turkey Yaprak KURTSAL¹, Emel KARAKAYA AYALP², Davide VIAGGI¹ ¹ University of Bologna, ² İzmir Democracy University</p> <p>The economic impact of growing geographical indications: An impact assessment using FADN data Leonardo CEI¹, Edi DEFRANCESCO¹, Gianluca STEFANI² ¹ University of Padua, ² University of Florence</p>	

Family healthy habits: what passes down from adults to children?

Riccardo BORGIA¹, Elena CASTELLARI¹, Paolo SCKOKAI¹

¹ Catholic University of the Sacred Heart, Piacenza

The well-being of smallholder coffee farmers in Mount Elgon region- a qualitative and quantitative analysis of a rural community in Eastern Uganda

Anna Lina BARTL¹, Isabel BARTL², Claudia NEU¹

¹ University of Göttingen, ² HAWK University of Applied Sciences and Art, Hildesheim

Towards circular economy. An analysis of consumers' acceptance for food derived from olive-oil by-products

Silvia CODERONI¹, Maria Angela PERITO¹

¹ University of Teramo

Quinoa marketization and food security in the Bolivian Southern Highlands

Francesca ULERI¹

¹ Catholic University of the Sacred Heart, Piacenza

Do CAP payments capitalize into land prices? A meta-analysis of the literature

Alessandro VARACCA¹, Giovanni GUASTELLA¹, Paolo SCKOKAI¹

¹ Catholic University of the Sacred Heart, Piacenza

Small farms typology for targeted policy support

Diana CAPORALE¹, Danilo BERTONI¹, Daniele CAVICCHIOLI¹

¹ University of Milan

Edible insects in the food sector: methods, current applications and perspective

Davide MENOZZI¹, Diana MORA¹, Giovanni SOGARI¹

¹ Department of Food and Drug, University of Parma

The urban dimensions of dietary transitions in Brazil

John WILKINSON¹, Anna Rosa Maria LOPANE¹, Caren FREITAS DE LIMA¹

¹ Universidade Federal Rural Rio de Janeiro

Land capitalization of farm payments in Italy: A grouped fixed-effects estimator

Daniele VALENTI¹, Danilo BERTONI¹, Daniele CAVICCHIOLI¹, Alessandro OLPER¹

¹ University of Milan

Food security and sustainable development perspectives in Georgia

Nino TALIKADZE¹

¹ Ivane Javakhishvili Tbilisi State University

Microbes: Food for the future

Mario TREDICI¹, Antonio LIPPOLIS¹, Lorenzo BUSSOTTI¹, Matilde CIANI¹, Federico FAVA¹, Liliana RODOLFI¹

¹ University of Florence

Forest carbon sink and bioenergy production: A win-win sustainable management approach

Mauro VICCARO¹, Mario COZZI¹, Carmelina PRETE¹

¹ University of Basilicata, Potenza

Nutrition sensitive value chain approach for improving diets: evidence from Argentina based on the promotion of organic products

Juan Pablo SCIURANO¹, Michele MACCARI¹

¹ University of Parma

Small farms, evolving typologies to support policy making

Francesca GALLI¹, Paolo PROSPERI¹, Teresa PINTO CORREIA², Maria RIVERA MENDEZ², Gianluca BRUNORI¹

¹ University of Pisa, ² Instituto de Ciências Agrárias e Ambientais Mediterrânicas, Evora

Local productions, food traditions, nutritional status of a sample of the population living in the rural areas of the Majella Park

Barbara ZANETTI¹, Milena VERRASCINA¹, Alessandro MONTELEONE¹, Angela POLITO¹, Federica INTORRE¹, Donatella CIARAPICA¹, Elena AZZINI¹, Lorenzo BARNABA¹

¹ CREA, Rome

14:30 – 16:00

Contributed paper session 11 – Agricultural policy

Aula Bolognini

Chair: Meri RAGGI¹

¹ University of Bologna

An economic interpretation of the factors influencing the cultivation of legumes in Europe

Parthena CHATZINIKOLOAOU¹, Francesco GALIOTO¹, Meri RAGGI¹, Davide VIAGGI¹, John ELLIOTT², Liz LEWIS-REDDY², Marcus MERGENTHALER³

¹ University of Bologna, ² ADAS, Herts; ³ Fachhochschule Südwestfalen, Iserlohn

The political economy of Common Agricultural Policy reform post 2020: A preliminary analysis

Aurora CAVALLO¹, Giovanni CANNATA¹

¹ Universitas Mercatorum, Rome

Betweenness centrality in LIFE sub-programme for environment: A comparison between 2007-2013 and 2014-2017 programming periods

Elena PISANI¹, Elena ANDRIOLLO¹

¹ University of Padua

Geographical indications in the cheese sector: Where are they going?

Giovanni BELLETTI¹, Hanna FORSTER², Andrea MARESCOTTI¹, Marianne PENKER², Xiomara QUINONES-RUIZ², Silvia SCARAMUZZI¹

¹ University of Florence, ² University of Natural Resources and Life Sciences (BOKU)

14:30 – 16:00	<p>Contributed paper session 12 – Trade and markets <i>Chair:</i> Valentina RAIMONDI¹ ¹ University of Milan</p> <p>Zeros, near zeros and gravity with endogenous market structures: The case of maple syrup exports Bruno LARUE¹, Carlos ORDAS CRIADO¹, Patrick GONZALEZ¹, Carolle Kempa NANGUE ¹ Université Laval, Quebec City</p> <p>Is there water grabbing? The impact of foreign land acquisitions on Africa virtual water exports Margherita SCOPPOLA¹, Valentina RAIMONDI² ¹ University of Macerata, ² University of Milan</p> <p>On policy interventions and the trade-shaping effects of sanitary and phytosanitary standards Fabio Gaetano SANTERAMO¹, Emilia LAMONACA¹ ¹ University of Foggia</p> <p>Virtual water trade: A cross-country empirical investigation with institutional perspective Elena VALLINO¹, Francesco LAIO¹, Luca RIDOLFI¹, Marta TUNINETTI¹ ¹ Polytechnic of Turin</p>	<i>Aula Michelucci</i>
14:30 – 16:00	<p>Contributed paper session 13 – Information and risk <i>Chair:</i> Cristiano FRANCESCHINIS¹ ¹ University of Padua</p> <p>Ambiguity and familiarity for ICT uptake in irrigation management Francesco CAVAZZA¹, Francesco GALIOTO¹, Meri RAGGI¹, Davide VIAGGI¹ ¹ University of Bologna</p> <p>Do maximizers process information differently? Evidence from two different choice experiments Cristiano FRANCESCHINIS¹, Mara THIENE¹, Jürgen MEYERHOFF², John ROSE³ ¹ University of Padua, ² Technischen Universität, Berlin, ³ University of Technology, Sydney</p> <p>The influence of risk and ambiguity attitudes on bidding behaviour Chloe MCCALLUM¹, Daniel DERBYSHIRE¹, Simone CERRONI¹, George HUTCHINSON¹, Rodolfo M. NAYGA² ¹ Queen's University, Belfast, ² University of Arkansas</p>	<i>Aula Marini</i>
14:30 – 16:00	<p>Contributed paper session 14 – Productivity <i>Chair:</i> Paolo SCKOKAI¹ ¹ Catholic University of the Sacred Heart, Piacenza</p> <p>Estimating the productivity impact of CAP payments in the EU28 Mauro VIGANI¹, Daniele CURZI² ¹ University of Gloucestershire, ² University of Milan</p>	<i>Aula Manzini</i>

	<p>The relationship between temperature and productivity: an empirical assessment in the Italian food industry Daniele CURZI¹, Paolo NOTA¹, Maurizio MAUGERI², Alessandro OLPER² ¹ University of Milan</p> <p>Is crop yield variability heterogeneous across countries? A worldwide analysis Linda ARATA¹, Paolo SCKOKAI¹, Enrico FABRIZI¹ ¹ Catholic University of the Sacred Heart, Piacenza</p>	
14:30 – 16:00	<p>Contributed paper session 15 – Wine <i>Chair:</i> Anna CARBONE¹ ¹ University of Tuscia, Viterbo</p> <p>Geographical indications as drivers of local development in Italy Riccardo CRESCENZI¹, Fabrizio DE FILIPPIS², Mara GIUA², Cristina VAQUERO-PIÑEIRO³ ¹ London School of Economics and Political Science, ² University of Roma Tre, Rome and Rossi-Doria Centre, ³ University of Roma Tre, Rome</p> <p>Between vineyards and markets: the case of Sangiovese wines Anna CARBONE¹, Luisangela QUICI¹ ¹ University of Tuscia, Viterbo</p> <p>The impact of changes in regulatory and market environment on sustainability of winegrowers. A path analysis Chinedu Temple OBI¹, Daniele VERGAMINI¹, Fabio BARTOLINI¹, Gianluca BRUNORI¹ ¹ University of Pisa</p> <p>Wine protecting biodiversity. A choice experiment in the Prosecco area Giordano RUGGERI¹, Chiara MAZZOCCHI¹, Stefano CORSI¹ ¹ University of Milan</p>	Aula Chiti
14.30 – 16:00	<p>Organised Session IAERE - Italian Association of Environmental and Resource Economists Emerging issues in Environmental Economics <i>Organizer:</i> SIMONE BORGHESI¹ ¹ Università di Siena e European University Institute, Florence</p> <p><i>Chair:</i> SIMONE BORGHESI¹ ¹ Università di Siena e European University Institute, Florence</p> <p>Innovation in irrigation technologies for sustainable agriculture: An analysis of Italian farms Sabrina Auci¹, Andrea PRONTI² ¹ University of Palermo, ² University of Ferrara</p> <p>A chink in the armour: How strong European economies are threatened by climate change Shouro DASGUPTA¹ ¹ Euro-Mediterranean Center on Climate Change, Venice</p> <p>Organic market in an evolutionary game: Third-party certification vs. participatory guarantee systems Gianluca IANNUCCI¹, Giovanna SACCHI¹</p>	Aula Magna

	<p>¹ University of Florence</p> <p>Economic consequences of drought on agriculture Dario MUSOLINO¹, Antonio MASSARUTTO², Alessandro de CARLI³ ¹ Bocconi University and University Val d'Aosta, ² University of Udine, ³ Bocconi University</p>	
14.30 – 16:00	<p>Organised session 5 - Sustainable diets and food systems between tradition and innovation <i>Organizers:</i> Carla ABITABILE¹, Francesca GIARÈ¹ ¹ CREA, Rome</p> <p><i>Chair:</i> Francesca GIARÈ¹ ¹ CREA, Rome</p> <p>The evolution of food consumption patterns in some Mediterranean countries and the role of policies Laura VIGANÒ¹, Carla ABITABILE¹, Elena VIGANÒ², Stefano TOMASSINI¹ ¹ CREA, Rome, ² University of Urbino "Carlo Bo"</p> <p>Sustainable diet: Applicability between tradition and new dietary scenarios Marika FERRARI¹, Aida TURRINI¹, Lorenza MISTURA¹ ¹ CREA, Rome</p> <p>Innovation in the sector of vending machines. Between growth and search for sustainability of services Roberto HENKE¹, Roberta SARDONE¹ ¹ CREA, Rome</p> <p>The role of agrifood residues to increase the overall sustainability of Mediterranean diet Nicola COLONNA¹, Daniela CUNA¹, Valerio MICELI¹ ¹ ENEA, Rome</p>	<i>Aula Puccini</i>
16:00 - 16.30	Concluding ceremony: O.W. Maietta best paper award	<i>Aula Magna</i>

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