



AIEAA
ASSOCIAZIONE ITALIANA DI
ECONOMIA AGRARIA E APPLICATA

9th AIEAA Online Conference



*MEDITERRANEAN
AGRICULTURE FACING
CLIMATE CHANGE:
CHALLENGES AND
POLICIES*

11 - 12 June, 2020



UNIVERSITÀ
DEGLI STUDI DI BARI
ALDO MORO

DIPARTIMENTO DI SCIENZE AGRO-AMBIENTALI E
TERRITORIALI
DEPARTMENT OF AGRICULTURAL AND ENVIRONMENTAL SCIENCE



UNIVERSITÀ
DI FOGGIA



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Conference topic

Changes in climate conditions - reflected by increasing average temperatures, frequency and intensity of extreme weather events - consistently point to increasing risks to societies all over the world in uneven and multiple ways. Environmental, socio-economic, and agri-food systems are expected to be severely affected by climate change in the next decades. According to the Joint Research Center estimates for Europe, climate change is responsible for around 80-90% of projected changes in water availability and soil loss due to desertification processes and erosion. Climate change is also affecting agricultural land and crop suitability in many world areas: between 2011 and 2050, the global average yield across all crops is projected to decline by 1.1%, with variation across regions and significant impacts on Mediterranean productions (i.e. olive and grapevine). FAO reports that climate changes could lead to significant falls of food production and gross domestic product in the worst affected regions. Further bilateral trade flows and the net trade positions of countries and regions will be affected, with complex and varied positions across the European Union (EU). World Bank and United Nations Framework Convention on Climate Change (UNFCCC) estimated that around 140 million people may be displaced by 2050 as a result of desertification, while asylum applications to EU countries are expected to increase.

The harmful effects of global climate change on agriculture are unequally distributed across regions and countries, both in relation to the physical and environmental conditions, and depending on the sensitivity, exposure and adaptive capacity of local natural and social systems. The Mediterranean area is one of the most vulnerable regions in the world to the impacts of global warming, according to international reports and projection scenarios. The European Environmental Agency (2019) states that in the coming decades, the entire Mediterranean region is expected to experience severe climate events with diversified consequences on agriculture, depending on the adaptation capacities of different areas.

The debate on impacts and consequences of climate change on Mediterranean agricultural and food systems is particular sensitive and controversial, considering historical, socio-economic and political diversities. The Mediterranean region turns out to be a crucial crossroads of the people movements induced by climate change. Relocation and movement of people will cause an increased pressure on certain areas in terms of production (quantity, process and quality) and consumption, while entire geographic regions, due to land abandonment and reduced level of land protection, will suffer further erosion and desertification. Such migrations put increasing pressure on the geopolitical role of the region as well as its internal relations and domestic politics. Mediterranean countries, due to their geographical location, play a central role in the EU international relations. Current EU policy dialogue with the Mediterranean countries has been framed within the European Neighbourhood Policy to strengthen relations with southern and eastern neighbours. Programs within Euro-Mediterranean Partnerships often promote initiatives for climate change mitigation and adaptation. Current and future policies for agricultural and sustainable development of Mediterranean countries need to prioritize climate risks considering agriculture multiple objectives – providing adequate food for growing populations, protecting the environment and ensuring resilience to future climatic change– in line with the UN Sustainable Development Goals (SDGs). Against the above scenarios, the 2018 evaluation report of the EU Adaptation Strategy invites enhancing the knowledge base and encourages new research and development, as well as innovation, in the field of climate change adaptation and mitigation policies.

The 9th AIEAA Annual Conference aims to contribute to this debate, by addressing economic and policy analysis of impacts, mitigation and adaptation options for agricultural systems facing climate change.

PROGRAMME AT A GLANCE

Thursday, 11/June/2020

	Elections for the AIEAA Board renewal 2020-2022 - First day (full day)				
8:00am - 9:00am	Online Room Welcome				
9:00am - 10:30am	Assembly: AIEAA Assembly				
10:30am - 11:00am	Break				
11:00am - 11:15am	Opening conference				
11:15am - 12:15pm	1st Plenary session				
12:15pm - 1:30pm	1PS: Poster session				
1:30pm - 2:30pm	Break				
2:30pm - 4:15pm	Contributed paper session				Organized Session
	1A Agri-Food Trade	1B Choice Experiments	1C Social and Environmental Sustainability	1D Rural Development	OS1 Environmental Issues in Africa: Climate change and Sustainable Development
4:15pm – 4:30pm	Break				
4:30pm - 6:15pm	Contributed paper session				Organized Session
	2A Agri-Food Policy	2B Wine Economics	2C Environmental Sustainability	2D Economics of Agricultural Production	OS2 Agricultural education for mitigating and adapting to climate change: needs, policies and impacts

Friday, 12/June/2020

	Elections 02: Elections for the AIEAA Board renewal 2020-2022 - Second Day (till h. 13.00)				
9:00am - 11:00am	Contributed paper session			Organized Session	
	3A Water Economics and Policy	3B Climate Change Impacts and Measures	3C Sustainability Pillars at Crossroads	OS 3 Can new contract solutions maintain and improve the provision of agri- environmental- climate public goods in Europe?	OS 4 Adoption of agro- ecological practices: state of the art and prospects
11:00am - 11:15am	Break				
11:15am - 12:00pm	2nd Plenary session				
12:00pm - 1:00pm	Young economists' session and Ceremony (Maietta best paper award and Cioffi award)				
1:00pm - 1:30pm	Concluding ceremony				

DETAILED PROGRAM

Date: Thursday, 11/June/2020

	Elections for the AIEAA Board renewal 2020-2022 - First day (full day) All AIEAA members who paid the membership fee for the year 2020 by May 26, 2020. Elections are done electronically with the ELIGO software
8:00am - 9:00am	Online Room Welcome Session Chair: Maurizio Prosperi Online room welcome. For any information, contact Dr. Maurizio Prosperi, via WhatsApp +393207981491
9:00am - 10:30am	Assembly: AIEAA Assembly Session Chair: Davide Viaggi
10:30am - 11:00am	Break 01
11:00am - 11:15am	Opening conference: Welcome and Conference opening (Local Authorities, AIEAA President) Session Chair: Davide Viaggi
11:15am - 12:15pm	1st Plenary: Climate Change and Agricultural Markets: The Mediterranean region in the global context Key note: Petr Havlik , International Institute for Applied Systems Analysis (Austria) Chair: Giulio Malorgio - Università degli Studi di Bologna
12:15pm - 1:30pm	1PS: Poster session Session Chair: Sonia Marongiu Climate change effects and adaptation strategies in the agriculture sector – the case Albania Edvin Zhllima¹, Drini Imami¹, Jiyoung Nam², Pjerin Shoshi³, Irena Gjika⁴ ¹ Agricultural University of Tirana, Albania; ² FAO; ³ Ministry of Agriculture and Rural Development; ⁴ Development Solutions Associates; drinimami@yahoo.com Diagnostic of relevant policies affecting legumes and identification of potential policy needs Parthena Chatzinkolaou¹, Alban Lika¹, Meri Raggi², Davide Viaggi¹ ¹ Department of Agricultural and Food Sciences, University of Bologna; ² Department of Statistical Sciences, University of Bologna; alban.lika3@unibo.it The provision of environmental public goods under asymmetric information Matteo Olivieri¹, Fabio Bartolini¹, Thia Hennessy², Maria Andreoli¹, Daniele Vergamini¹ ¹ University of Pisa, Italy; ² UCC University of Cork, Ireland; matteo.olivieri@phd.unipi.it Assessment of prevention and decontamination measures of mycotoxins in maize Francesca Galli, Lorenzo Pagni, Marco Fontanelli, Giuseppe Conte, Elisa Pellegrini University of Pisa, Italy; lore.pa@outlook.it

	<p>Multi-Actor Platforms to support the development of future rural policies: a pilot application in Emilia Romagna region.</p> <p>Emilia Pellegrini, Stefano Targetti, Meri Raggi, Davide Viaggi Università di Bologna, Italy; emilia.pellegrini2@unibo.it</p> <p>Connections in Climate Change. A Network Analysis of the EU-funded LIFE Sub-Programme for Climate Action</p> <p>Elena Pisani³, Elena Andriollo¹, Sara Solivo²</p> <p>¹Università degli Studi di Padova, Italy; ²Università degli Studi di Padova, Italy; ³Università degli Studi di Padova; elenaisis.pisani@unipd.it</p> <p>Water Demand Elasticity: the case of Emilia Centrale Irrigation Water Districts</p> <p>Andrea Pronti¹, Julio Berbel²</p> <p>¹University of Ferrara, Italy; ²University of Cordoba, Spain; andrea.pronti@unife.it</p> <p>Social Acceptance towards waste water use in irrigated agriculture: an attempt to identifying farmers' attitude in a simulated environment</p> <p>Diego Antonio Zullo¹, Maurizio Prosperi², Antonio Lopolito³</p> <p>¹Private consultant, Italy; ²University of Foggia, Italy; ³University of Foggia, Italy; maurizio.prosperi@unifg.it</p> <p>A measurement of Mediterranean Countries sustainability according to UN SDGs</p> <p>Rocco Roma, Annalisa De Boni, Claudio Acciani Università degli Studi di Bari Aldo Moro, Italy; rocco.roma@uniba.it</p> <p>Exploring Italian consumer acceptance and sensory preferences of cereal bars made by Brewery Spent Grains</p> <p>Giovanni Sogari¹, Margherita Rodolfi¹, Alina Stelick², Robin Dando², Maria Paciulli¹</p> <p>¹University of Parma, Italy; ²Cornell University, US; giovanni.sogari@unipr.it</p> <p>A comparative review of international food safety and nutrition consumer surveys</p> <p>Giovanni Sogari¹, Domagoj Vrbos²</p> <p>¹University of Parma, Italy; ²European Food Safety Authority (EFSA); giovanni.sogari@unipr.it</p> <p>Exploring Attitude Towards Genetically Modified Foods and new breeding techniques: bad or positive view of the Millennials</p> <p>Annalisa Zezza, Federica Demaria CREA-PB, Italy; annalisa.zezza@crea.gov.it</p> <p>Climate change, desertification and sustainable development in the future Algerian forest strategy.</p> <p>Sonia Marongiu CREA-PB, Research Centre for Agricultural Policies and Bioeconomy, Italy; sonia.marongiu@crea.gov.it</p>
1:30pm - 2:30pm	Break 02

2:30pm - 4:15pm	<p>Organized Session - OS1: Environmental Issues in Africa: Climate change and Sustainable Development - IAERE (Italian Association of Environment and Resource Economics)</p> <p>Organizer: Alessio D'Amato^{1,3}, Mazzanti, Massimiliano^{2,3}</p> <p>¹Università degli Studi di Roma "Tor Vergata", Italy; ²Università di Ferrara, Italy; ³SEEDS, Italy</p> <p>The Hidden Social Costs of Climate Change: Evidence on Climate Shocks and Child Abandonment in Uganda.</p> <p>Manuela Coromaldi¹, Alessio D'Amato², Loredana Mirra³</p> <p>¹University of Rome Niccolò Cusano, Italy; ²University of Rome Tor Vergata, Italy; ³SEEDS, Italy</p> <p>Behavioral Change and innovation Adoption: learning processes, social networking and stigma in Rural Mozambique</p> <p>Luca Crudeli¹, Susanna Mancinelli^{2,3}, Massimiliano Mazzanti^{2,3}, Raul Pitoro¹</p> <p>¹IFTF Inova, Mozambique; University of Ferrara, Italy; SEEDS, Italy</p> <p>A Portfolio Analysis of Climate Change Adaptation Measures in the Agriculture Sector in Rwanda.</p> <p>Filippo Fraschini, Roberto Zoboli</p> <p>Università Cattolica del Sacro Cuore, Italy</p> <p>Climate change impact on Ethiopian small-holders technical efficiency.</p> <p>Sabrina Auci¹, Manuela Coromaldi²</p> <p>¹University of Palermo, Italy; ²University of Rome Niccolò Cusano, Italy</p>
2:30pm - 4:15pm	<p>1A: Agri-Food Trade</p> <p>Session Chair: Margherita Scoppola</p> <p>The US-EU trade war: what effects for the olive oil world market?</p> <p>Alessandro Antimiani, Federica DeMaria, Maria Rosaria Pupo D'Andrea, Roberto Solazzo CREA (Consiglio per la Ricerca in Agricoltura e l'analisi dell'economia agraria), Italy; alessandro.antimiani@crea.gov.it</p> <p>A World Geography of Agri-Food Import Sophistication</p> <p>1Anna CARBONE, ²Federica DEMARIA, ²Roberto HENKE</p> <p>¹Universita' della Tuscia; ²CREA-PB; acarbone@unitus.it</p> <p>The impact of protecting EU Geographical Indications in trade agreements</p> <p>Daniele Curzi¹, Martijn Huysmans²</p> <p>¹University of Milan, Italy; ²Utrecht University , The Netherlands; daniele.curzi@unimi.it</p> <p>Direct and belief impacts of climate change on global agri-food trade</p> <p>Fabio Gaetano Santeramo¹, Martina Bozzola², Emilia Lamonaca¹</p> <p>¹University of Foggia, Italy; ²Queen's University Belfast (UK) and ZHAW, Switzerland; emilia.lamonaca@unifg.it</p>

	<p>The impacts of Regional Trade Agreements on the participation of food multinational firms to Global Value Chains</p> <p>Margherita SCOPPOLA¹, Valentina RAIMONDI², Michele FABIANI³</p> <p>¹University of Macerata, Italy; ²University of Milano, Italy; ³University of Macerata, Italy; margherita.scoppola@unimc.it</p>
2:30pm - 4:15pm	<p>1B: Choice Experiments</p> <p>Session Chair: Giovanni Sogari</p> <p>Eliciting truthful preferences for antibiotic-free products using the choice matching approach</p> <p>Simone Cerroni^{1,3}, Daniel Derbyshire², George W. Hutchinson³, Rodolfo M. Nayga Jr⁴</p> <p>¹Queen's University Belfast, United Kingdom; ²University of Exeter, United Kingdom; ³Queen's University Belfast, United Kingdom; ⁴University of Arkansas, United States; s.cerroni@qub.ac.uk</p> <p>'O sole mio: the effect of weather conditions on willingness to pay for environmental goods</p> <p>Sandra NOTARO¹, Gianluca Grilli²</p> <p>¹University of Trento, Italy; ²Trinity College, Dublin, Ireland; sandra.notaro@economia.unitn.it</p> <p>A systematic review of attributes used in choice experiments for agri-environmental contracts</p> <p>Nidhi Raina, Matteo Zavalloni, Meri Raggi, Stefano Targetti, Riccardo D'Alberto, Davide Viaggi</p> <p>Department of Agricultural Sciences, University of Bologna, Italy; nidhi.raina@unibo.it</p> <p>Are citizens willing to pay for the Ecosystem Services supported by the new CAP reform proposals? A Non-Market Valuation by choice experiment</p> <p>Emanuele Blasi¹, Eleonora Sofia Rossi², Lorenzo Fosci¹, Alessandro Sorrentino²</p> <p>¹University of Tuscia, Italy - Department of Innovation in Biological Systems, Food and Forestry; ²University of Tuscia, Italy - Department of Economics, Engineering, Society and Business Organization; e.s.rossi@unitus.it</p> <p>Perceived benefits and risks of using insects in animal feed: the case of duck meat consumers</p> <p>Giovanni Sogari¹, Davide Menozzi¹, Cristina Mora¹, Marta Gariglio², Laura Gasco², Achille Schiavone²</p> <p>¹University of Parma, Italy; ²University of Turin, Italy; giovanni.sogari@unipr.it</p>
2:30pm - 4:15pm	<p>1C: Social and Environmental Sustainability</p> <p>Session Chair: Maria Sassi</p> <p>Economic Conditions and Prevalence of Risky Health Behaviors: the Italian Recession Case</p> <p>Giulia Tiboldi¹, Elena Castellari¹, Francesco Bimbo², Daniele Moro¹</p> <p>¹Università Cattolica del Sacro Cuore, Italy; ²Università degli Studi di Bari Aldo Moro; giulia.tiboldi@unicatt.it</p>

	<p>How to make school meals sustainable through a multi-objective mathematical programming approach</p> <p>Michele Donati, Chiara Bartocci, Beatrice Biasini, Alice Rosi, Gianluca Lanza, Francesca Scazzina, Filippo Arfini</p> <p>University of Parma, Italy; michele.donati@unipr.it</p> <p>Exploring Consumer Behavior in Food Community Networks and Constraints Preventing Active Participation: The Case of Turkey</p> <p>Yaprak Kurtsal¹, Volkan Yeniaras², Davide Viaggi¹</p> <p>¹University of Bologna, Italy; ²Özyegin University, Turkey; yaprak.kurtsal2@unibo.it</p> <p>Simulating the impact of a carbon tax on food in five EU countries</p> <p>Alessandro Varacca¹, Elena Castellari¹, Daniele Moro¹, Wisdom Dogbe², Jose Maria Gil³, Cesar Revoredo-Giha⁴, Faical Akaichi⁴, Xavier Irz⁵, Franklin Amuakwa-Mensah⁶, Yves Surry⁶, Paolo Sckokai¹</p> <p>¹Università Cattolica del Sacro Cuore, Italy; ²The Rowett Institute, University of Aberdeen, United Kingdom; ³Universitat Politècnica de Catalunya, Spain; ⁴Scotland's Rural College, United Kingdom; ⁵Natural Resources Institute Finland, Finland; ⁶Swedish University of Agricultural Sciences, Sweden; alessandro.varacca@unicatt.it</p> <p>Determinants of the Status and Depth of Household Food Insecurity among the Slums of Dhaka City, Bangladesh</p> <p>Maria Sassi¹, Poushali Bhattacharjee²</p> <p>¹University of Pavia, Italy; ²University of Pavia, Italy; maria.sassi@unipv.it</p>
2:30pm - 4:15pm	<p>1D: Rural Development</p> <p>Session Chair: Filippo Arfini</p> <p>Are territories capable of instilling their peculiarities in local production systems and enhancing their sustainability?</p> <p>Cristina Vaquero Pineiro</p> <p>Università degli Studi Roma Tre, Italy; cristina.vaqueropineiro@uniroma3.it</p> <p>Assessing the socioeconomic impact of establishing a new protected area. A municipality level analysis in a quasi-experimental framework</p> <p>Matteo Zavalloni¹, Francesco Pagliacci², Riccardo D'Alberto¹</p> <p>¹Università di Bologna, Italy; ²Università di Padova, Italy; matteo.zavalloni@unibo.it</p> <p>A self evaluation exercise of impact of a social innovation initiative in a rural area of southern Italy</p> <p>Antonio Baselice¹, Maurizio Prosperi¹, Valentino Marini Govigli², Antonio Lopolito¹</p> <p>¹Univeristy of Foggia, Italy; ²European Forest Institute; antonio.baselice@unifg.it</p> <p>The use of self-assessment of sustainability performance to classify innovative business cases in rural areas</p> <p>Silvia Russo, Meri Raggi, Davide Viaggi</p> <p>University of Bologna, Italy; silvia.russo9@unibo.it</p>

	<p>Stakeholder Analysis for local development process: the case of Parma Bio-district <u>Marianna Guareschi</u>¹, Filippo Arfini¹, Andrea Pronti², Juan Pablo Sciurano¹, Michele Maccari²</p> <p>¹Università degli Studi di Parma, Italy; ²Università degli Studi di Ferrara, Italy; mariguate@gmail.com</p>
4:15pm – 4:30pm	Break 03
4:30pm - 6:15pm	<p>Organized Session - OS 2: Agricultural education for mitigating and adapting to climate change: needs, policies and impacts</p> <p>Organizer: Davide Viaggi Department of Agricultural and Food Sciences, University of Bologna, Italy</p> <p>Educational policies in the agricultural, food and forestry systems: state of the art and preliminary results of the European NextFOOD project <u>Sirri R.</u>, Kurtsal Y., De Cesare A., Fioravanti M.L., Pacetti E., Luppi E., Manfreda G., Viaggi D. University of Bologna, Italy</p> <p>Higher education and institutional support as main factors to clarify compatibility of the CAP and principles of Food Sovereignty <u>Rastorgueva N.</u>, Migliorini P. University of Gastronomic Science, Bra-Pollenzo, Italy</p> <p>Transformative and resilient agroecology education in the NEXTFOOD project: phronesis helps create a path to the future <u>Geir Lieblein</u>¹, <u>Edvin Østergaard</u>², <u>Charles Francis</u>^{1,3}, <u>Lamberto Lamberti</u>⁴ ¹Norwegian University of Life Sciences, Faculty of Biosciences, Norway; ²Norwegian University of Life Sciences, Faculty of Science and Technology, Norway; ³University of Nebraska – Lincoln, United States; ⁴Mediterranean Agronomic Institute of Bari, Italy</p>
4:30pm - 6:15pm	<p>2A: Agri-Food Policy Session Chair: Francesco Vanni</p> <p>Financing agri-environmental public goods: taxes or market? <u>Francois Bareille</u>¹, <u>Matteo Zavalloni</u>², <u>Davide Viaggi</u>² ¹Università di Bologna, Italy; ²INRAE, France; francois.bareille@inrae.fr</p> <p>Predicting the level of the indemnities of the EU Income Stabilization Tool using Tweedie distribution and machine learning <u>Simone SEVERINI</u>¹, <u>Luigi BIAGINI</u>¹, <u>Nadja EL BENNI</u>², <u>Robert FINGER</u>³ ¹Università della Tuscia, DAFNE, Italy; ²Agroscope, Research Division Competitiveness and System Evaluation, Switzerland; ³ETH Zurich, Agricultural Economics and Policy Group, Switzerland; l.biagini@unitus.it</p> <p>What do European citizens think of Public Goods and the CAP? Results from the PROVIDE Project survey <u>Riccardo D'Alberto</u>¹, <u>Zavalloni Matteo</u>², <u>Raggi Meri</u>¹, <u>Viaggi Davide</u>²</p>

	<p>¹Dept. of Statistical Sciences P. Fortunati - University of Bologna, Italy; ²Dept. of Agricultural and Food Sciences - University of Bologna, Italy; riccardo.dalberto@unibo.it</p> <p>Local related social capital and CAP supports: Is the territorial specificity driving their spatial allocation?</p> <p>Cristina Vaquero Piñeiro</p> <p>Università degli Studi Roma Tre, Italy; cristina.vaqueropineiro@uniroma3.it</p> <p>Policy mixes for the provision of public goods from agriculture and forestry: a systematic literature review</p> <p>Francesco Mantino, Francesco Vanni</p> <p>CREA-PB, Italy; francesco.vanni@crea.gov.it</p>
4:30pm - 6:15pm	<p>2B: Wine Economics</p> <p>Session Chair: Emilia Lamonaca</p> <p>The strategic drivers of sustainability certifications within the wine supply chain</p> <p>Mirta Casati¹, Claudio Soregaroli¹, Stefanella Stranieri²</p> <p>¹Università Cattolica del Sacro Cuore, Italy; ²Università degli Studi Milano, Italy; mirta.casati@unicatt.it</p> <p>Will wine consumer accept new mutagenesis techniques applied to grapevine?</p> <p>Edoardo Maria Pelli¹, Vincenzina Caputo², Luigi Cattivelli³, Paolo Sckokai¹</p> <p>¹Università Cattolica del Sacro Cuore, Italy; ²Michigan State University, US; ³CREA- Genomics and Bioinformatics, Italy; edopelli@hotmail.it</p> <p>Sensory descriptors affecting wine price and quality scores. A hedonic model approach on Wine Spectator database</p> <p>Giordano Ruggeri, Stefano Corsi, Chiara Mazzocchi</p> <p>Department of Agricultural and Environmental Science, University of Milan, Italy; giordano.ruggeri@unimi.it</p> <p>Production, Efficiency and Moral Hazard in the Italian Viticulture</p> <p>Simone Russo¹, Francesco Caracciolo²</p> <p>¹University of Foggia, Italy; ²University of Naples, Federico II, Italy; simone.russo@unifg.it</p> <p>Climate changes and new trade dynamics in global trade of wine</p> <p>Emilia Lamonaca, Antonio Seccia, Fabio Gaetano Santeramo</p> <p>University of Foggia, Italy; emilia.lamonaca@unifg.it</p>
4:30pm - 6:15pm	<p>2C: Environmental Sustainability</p> <p>Session Chair: Francesco Pagliacci</p> <p>Sustainable phosphorus management in Italian pig farms</p> <p>Linda ARATA¹, Anwesha Chakrabarti¹, Christoph Pahmeyer², Paolo Sckokai¹</p> <p>¹Università Cattolica del Sacro Cuore, Italy; ²Bonn University; a anwesha.chakrabarti@unicatt.it</p>

	<p>Drivers of change in greenhouse gas emissions of Italian agri-food sector from 1995 to 2015: an input-output structural decomposition analysis</p> <p>Mauro Viccaro, Mario Cozzi, Severino Romano</p> <p>School of Agricultural, Forestry, Food and Environmental Sciences (SAFE), University of Basilicata, Italy; mauro.viccaro@unibas.it</p> <p>Short and long terms socio-economic and institutional effects of windstorms damaging forests: lessons learned from Vaia and other European cases</p> <p>Federica Romagnoli, Mauro Masiero, Laura Secco, Paola Gatto, Alberto Udali, Davide Matteo Pettenella</p> <p>University of Padova, Italy; federica.romagnoli@phd.unipd.it</p> <p>Identifying possible transition pathways towards agroecology: the Socio-Ecological System of Chianti, Italy</p> <p>Oriana Gava, Francesco Gallo, Francesco Vanni, Andrea Povellato</p> <p>CREA-PB, Research Centre for Agricultural Policies and Bioeconomy (Italy); francesco.gallo@crea.gov.it</p> <p>Different Impacts of Climate Risk Components on Farms' Productivity. A Micro-level Assessment.</p> <p>Francesco Pagliacci¹, Silvia Coderoni²</p> <p>¹Università di Padova, Italy; ²Associazione Alessandro Bartola; francesco.pagliacci@unipd.it</p>
4:30pm - 6:15pm	<p>2D: Economics of Agricultural Production</p> <p>Session Chair: Francesca GIARE'</p> <p>Should I Stay or Should I Go? The wandering of agri-food sector towards platform economics</p> <p>Daniele VERGAMINI, Fabio Bartolini, Gianluca Brunori</p> <p>UNIPI (University of Pisa), Italy; daniele.vergagini@agr.unipi.it</p> <p>On The Effects Of Immigrant Workers On Italian Dairies' Efficiency</p> <p>Federico Antonioli¹, Simone Severini², Mauro Vigani³</p> <p>¹Università degli Studi di Parma, Parma (Italy); ²Università degli Studi della Tuscia, Viterbo (Italy); ³Countryside and Community Research Institute (CCRI), University of Gloucestershire, United Kingdom; federico.antonioli@unipr.it</p> <p>The production of monetary liquidity in Italian farms: an analysis of the FADN sample</p> <p>Raffaele Cortignani, Rebecca Buttinelli, Gabriele Dono</p> <p>Università degli Studi della Tuscia - DAFNE, Italy; cortignani@unitus.it</p> <p>Environmental sustainability and financial performance of durum wheat-centred farming systems in Italy</p> <p>Antonella Bodini¹, Federica Cisilino²</p> <p>¹CREA PB di Osimo, Italy; ²CREA PB di Udine, Italy; antonella.bodini@crea.gov.it</p> <p>Innovation and climate change. The EIP-Agri contribute</p> <p>Francesca GIARE', Anna VAGNOZZI</p>

Date: Friday, 12/June/2020

	Elections 02: Elections for the AIEAA Board renewal 2020-2022 - Second Day (till h. 13.00)
9:00am - 11:00am	<p>Organized Session - OS 3: Can new contract solutions maintain and improve the provision of agri- environmental-climate public goods in Europe? A discussion of innovative approaches throughout Europe and beyond</p> <p>Organizer: Meri Raggi¹ & Lena Schaller²</p> <p>¹Department of Statistical Sciences, University of Bologna (Italy); ²Institute of Agricultural and Forestry Economics, University of Natural Resources and Life Sciences Vienna, Austria</p> <p>The role of private contracts in rice and wine production to improve environmental services in Spain</p> <p>Ana Iglesias, Luis Garrote, Isabel Bardaji and Vicente Sotes Universidad Politecnica de Madrid, Spain; ana.iglesias@upm.es</p> <p>Locally adapted biodiversity protection in organic farming thanks to a credit point system</p> <p>Tania Runge¹, Karin Stein-Bachinger² and Lukas Wortmann³</p> <p>¹Thünen Institute of Market Analysis, Braunschweig, Germany; ²Leibniz Centre for Agricultural Landscape Research (ZALF), Müncheberg, Germany; ³WWF Germany; tania.runge@thuenen.de</p> <p>Territorial integrated projects (PIT) to secure agri-environmental-climate public goods: The case of the Tuscan Archipelago</p> <p>Daniele Vergamini, Fabio Bartolini and Matteo Olivieri Department of Agriculture, Food and Environment, University of Pisa, Italy; daniele.vergamini@agr.unipi.it</p> <p>ECO-METHANE – Rewarding dairy farmers for low greenhouse gas (GHG) emissions in France</p> <p>Alice Issanchou and Pierre Dupraz INRAE, UMR SMART-LEREKO, F-35000, Rennes, France alice.issanchou@inrae.fr</p> <p>Enhancing biodiversity in a low-land intensive farming region in Ireland using a results-based approach</p> <p>Noreen Byrne, Olive McCarthy and Thia Hennessy Cork University Business School, University College Cork, Ireland n.byrne@ucc.ie</p> <p>Contract solutions for an improved delivery of agri-environmental services: A review of innovative approaches from outside the EU.</p> <p>Stefano Targetti and Davide Viaggi Department of Agricultural and Food Sciences (DISTAL), University of Bologna, Italy; stefano.targetti@unibo.it</p>

	<p>What drives the success of agri-environmental contract solutions? Learning from innovative cases throughout Europe</p> <p>Theresa Eichhorn and Lena Schaller</p> <p>Institute of Agricultural and Forestry Economics, University of Natural Resources and Life Sciences Vienna, Austria</p> <p>Theresa.eichhorn@boku.ac.at</p>
9:00am - 11:00am	<p>3A: Water Economics and Policy</p> <p>Session Chair: Giacomo Giannoccaro</p> <p>Innovation in Irrigation Technologies for Sustainable Agriculture: An Endogenous Switching Analysis on Italian Farms' Land Productivity</p> <p>Sabrina Auci¹, Andrea Pronti²</p> <p>¹University of Palermo, Italy; ²University of Ferrara, Italy; andrea.pronti@unife.it</p> <p>The technical efficiency of farms with different irrigation sources: Evidences from the Apulian winegrowing</p> <p>Ruggiero Sardaro, Piermichele La Sala University of Foggia, Italy; ruggierosardaro@gmail.com</p> <p>The Water-Energy-Food nexus approach to analyse the climate change effects in the agri-food sector: the TIMES WEF model</p> <p>Maria Maddalena Tortorella^{1,2}, Carmelina Cosmi², Mauro Viccaro¹, Patrícia Fortes³, Senatro Di Leo², Mario Cozzi¹, Filomena Pietrapertosa², Monica Salvia², Severino Romano¹</p> <p>¹School of Agricultural, Forestry, Food and Environmental Sciences, University of Basilicata, Potenza, Italy; ²National Research Council of Italy, Institute of Methodologies for Environmental Analysis—(CNR–IMAA), C.da S.Loja, 85050 Tito Scalo, PZ, Italy; ³CENSE, NOVA University Lisbon - Lisbon, Portugal; maddalenatortorella@gmail.com</p> <p>Water Pricing in Agriculture in Connection to the Water Framework Directive: A Systematic Review of The Literature</p> <p>Laura Mirra, Gianni Ciccia, Guido D'Urso, Teresa Del Giudice</p> <p>Università degli Studi di Napoli Federico II, Italy; laura.mirra1@gmail.com</p> <p>Design of incentive-based tool for an effective water saving policy in agriculture. Results from a pilot study in Apulia region.</p> <p>Giacomo Giannoccaro, Ruggiero Sardaro, Rossella De Vito, Luigi Roselli, Bernardo De Gennaro</p> <p>Università degli studi di Bari Aldo Moro, Italy; giacomo.giannoccaro@uniba.it</p>

9:00am - 11:00am	<p>3B: Climate Change Impacts and Measures Session Chair: Martina Bozzola</p> <p>Implications of climate changes for Mediterranean agriculture - the case of horticulture sector in Albania</p> <p>Drini Imami¹, Engjell Skreli¹, Endrit Kullaj¹, Pjerin Shoshi² ¹Agricultural University of Tirana, Albania; ²Ministry of Agriculture and Rural Development and Agricultural University of Tirana, Albania; drinimami@yahoo.com</p> <p>Treated wastewater reuse as an eco-efficient strategy of adaptation and mitigation of climate change effects in agriculture: the case of citrus cultivation in the Souss-Massa region (Morocco)</p> <p>Nohaila El Hyani, Alessandra Scardigno, Andi Mehmeti, Mladen Todorovic Mediterranean Agronomic Institute of Bari (CIHEAM IAM), Italy; mehmeti@iamb.it</p> <p>Climate change adaptation measure: an Italian case study applying a Multi-Criteria Analysis</p> <p>Raffaella Zucaro, Veronica Manganiello, Marianna Ferrigno, Romina Lorenzetti Council for Agricultural Research and Economics - Research Center for Agricultural Policies and Bioeconomy (CREA-PB), Italy; marianna.ferrigno@crea.gov.it</p> <p>Beekeepers' perceptions of climate change, adaptation strategies and policies in Piedmont (Italy)</p> <p>Silvia Novelli, Monica Vercelli, Chiara Ferracini Department of Agricultural, Forest and Food Sciences - University of Torino, Italy; silvia.novelli@unito.it</p> <p>Revisiting the impacts of extreme weather on agriculture: Italy as a case study</p> <p>Martina Bozzola^{1,2}, Emanuele Massetti^{3,4}, Jaroslav Mysiak⁴ ¹Queen's University Belfast (UK); ²ZHAW (CH); ³Georgia Institute of Technology; ⁴CMCC; martina.bozzola@qub.ac.uk</p>
9:00am - 11:00am	<p>3C: Sustainability Pillars at Crossroads Session Chair: Gianmaria Tassinari</p> <p>Sustainability Impact Of Children's School Lunch Plate Waste In Two Italian Case Studies</p> <p>Beatrice Biasini¹, Michele Donati², Alice Rosi¹, Francesca Giopp¹, Davide Menozzi¹, Francesca Scazzina¹ ¹University of Parma, Department of Food and Drug, Italy; ²University of Parma, Department of Chemistry, Life Sciences and Environmental Sustainability, Italy; beatrice.biasini@unipr.it</p> <p>Unfair Trading Practices: Evidence from the fruit value chain in Slovakia</p> <p>Katarína Baráthová, Ján Pokrivčák, Miroslava Rajčániová Slovak University of Agriculture in Nitra, Faculty of Economics and Management, Slovak Republic; barathova.katka@gmail.com</p>

	<p>Testing a healthy default option: a field experiment at a casual restaurant <u>Gerarda Caso</u>, Riccardo Vecchio, Teresa Del Giudice, Carla Cavallo, Gianni Cicia University of Naples Federico II, Italy; gerarda.caso@unina.it</p> <p>Agglomeration bonus, coordination costs and endogenous group formation <u>Matteo Zavalloni</u>¹, Francois Bareille², Davide Viaggi¹ ¹Università di Bologna, Italy; ²INRAE, France; matteo.zavalloni@unibo.it</p> <p>Bioeconomy in Social Sciences: a Systematization of Different Case Study Approaches <u>Gianmaria Tassinari</u>^{1,2}, Dusan Drabik¹, Stefano Boccaletti², Claudio Soregaroli² ¹Agricultural Economics and Rural Policy Group, Wageningen University, Wageningen; ²Dipartimento di Economia Agro-alimentare, Università Cattolica del Sacro Cuore, Piacenza, Italy; gianmaria.tassinari@unicatt.it</p>
9:00am - 11:00am	<p>Organized Session - OS 4: Adoption of agro-ecological practices: state of the art and prospects</p> <p>Organizer: Andrea Povellato, Francesco Vanni and Matteo Zavalloni Università degli Studi di Bologna, Italy</p> <p>Drivers and barriers of agroecological transitions in European farming systems: Lessons and experiences from multi-actor engagement in 15 case studies <u>Gerald Schwarz</u> et al. Thünen Institute of Farm Economics, Germany</p> <p>Towards a novel farm typology based on uptake of ecological farming practices: preliminary results from the LIFT project <u>Carlo Rega</u>, Maria Luisa Paracchini European Commission- Joint Research Centre, Ispra (VA), Italy</p> <p>Technical-economic performance of specialized dairy farms in Austria considering the adoption of different ecological approaches <u>Andreas Niedermayr</u>, Ludwig Gerner, Peter Walder, Lena Schaller, Jochen Kantelhardt University of Natural Resources and Life Sciences, Vienna, Department of Economics and Social Sciences (WISO), Institute of Agricultural and Forestry Economics (AFO)</p> <p>The role of governance networks in supporting the agroecological transition: evidence from 15 European case studies <u>Oriana Gava</u>, Andrea Povellato and Francesco Vanni CREA-PB, Research Centre for Agricultural Policies and Bioeconomy, Italy</p>
11:00am - 11:15am	Break 04
11:15am - 12:00pm	<p>2nd Plenary: Risk Management and Weather Index Insurance Key note: Eva Iglesias - CEIGRAM-Universidad Politecnica de Madrid (Spain) Chair: Margherita Scoppola - Università degli Studi di Macerata (Italy)</p>
12:00pm - 1:00pm	<p>Young economists' session and Ceremony (Maietta best paper award and Gioffi award) Session Chair: Fabio Bartolini</p>
1:00pm - 1:30pm	<p>Concluding ceremony Session Chair: Filippo Arfani</p>

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