



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DIPARTIMENTO DI SCIENZE AGRARIE

5th Conference of the Italian Association of Agricultural and Applied Economics

The changing role of regulation in the bio-based economy

16 - 17 June 2016

Agricultural Campus- University of Bologna
Viale Fanin, 44 - 40127 Bologna

Regulation has been a main concern of policymakers in a range of fields from financial to industrial and agricultural activities. Examples of regulatory areas in the bio-based economy are risk, health, environment, competition, intellectual property rights. Regulations in all these areas have deep implications for trade issues, global value chains and for the provision of public goods. In the EU, regulations concerning food retailing, food processing, farming activities, tariff and non-tariff barriers to trade as well as financial markets have deeply affected the bio-based sectors.

Agricultural and applied economists have devoted significant effort to investigate the incentives, the mechanism design and evaluate the effects of regulation. In this regard, EU environmental regulation and food safety policies have provided fascinating case studies. However, there is scope for a multidisciplinary approach that more comprehensively accounts for legal and sociological issues, behavioral aspects of compliance, organization and coordination mechanisms, as in the now popular nudge approach to regulation. Efforts should also be devoted to explore the broader implications of regulation for trade and social welfare, taking into account the private interests underpinning many regulatory choices.

The 5th AIEAA Conference aims at providing a scientific contribution to these issues by expanding the knowledge base on the fundamentals of better regulation, and by promoting a critical debate on the underlying theoretical and methodological issues and policy implications.

Specific Topics

Specific issues to be addressed include:

- Cost-benefit analysis of regulation in the bio-based economy;
- Design of enforcement rules for food safety and agri-environmental regulation;
- Nudge approaches to consumer regulation vis a vis command and control regulation in the food chain;
- Political economy of regulation in the bio-based economy;
- Intellectual property rights regulation (geographical indication);
- Regulating the provision of public goods
- Competition Regulation
- Regulation of quality standards and global value chains;
- Impact of alternative types of regulation (standards, licensing and labeling) of the bio-based economy;
- Sources and effects of market failures in the bio-based economy;
- Innovation in methods and tools for regulatory impact analysis;
- Applications to sectoral policies: agriculture, food, biotechnology, bio-energy, biomaterials.

Pre-Conference

The pre-conference **The role of research in agriculture and the implementation of the European Innovation Partnership "Agricultural productivity and sustainability"** will be held on Thursday, June 16, 2016 from 9.30 am to 12.30 pm (see separate program).

Programme

June 16th

9.00 am *Welcome coffee and registration*

9.30 am-12.30 pm **Pre-Conference** The role of research in agriculture and the implementation of the European Innovation Partnership "Agricultural productivity and sustainability"

(Project Poster Session from 9.00 am to 1.30 pm - See preconference website for information)

12.30-1.30 pm *Lunch*

1.30-3.00 pm AIEAA Assembly

3.00-3.15 pm Welcome and Conference Opening

3.15-5.00 pm First plenary session (chair Giovanni Cannata)

Fabrizio Cafaggi (European University Institute, Florence), Contractual governance of agri-food supply chains

Discussant: Gianluca Brunori

Stephan Marette (AgroParisTech, Grignon), Quality, Market Mechanisms and Regulation in the food chain

Discussant: Stefano Boccaletti

5.00-5.15 pm *Coffee break*

5.15-6.45 pm First contributed paper session

8.00 pm *Dinner*

June 17th

8.30-10.30 am Second contributed paper session

10.30-10.45 am *Coffee break*

10.45 am-12.30 pm Second plenary session (Chair Franco Sotte)

Karine Nyborg (University of Oslo), Consumer Evaluation and Democratic Decision making: What Cost Benefit Analysis of Environmental Regulation is about

Discussant: Riccardo Scarpa

Alessandro Olper (University of Milan), The political economy of trade and regulation policies: environment and global food chain

Discussant: Susan Senior Nello

12.30-1.45 pm *Lunch*

1.45-2.45 pm Parallel poster session

2.45-4.45 pm Third contributed paper session

4.45-5.00 pm Conclusions

Programme Committee

Gianluca Stefani (Università di Firenze, Italy, *Chair*)

Fabio Bartolini (Università di Pisa, Italy)

Daniele Curzi (Università Statale di Milano, Italy)

Luisa Menapace (Technische Universität München, Germany)

Andrea Povellato (Consiglio per la ricerca in agricoltura e l'analisi dell'economia agraria (CREA-INEA), Italy)

Cristina Salvioni (Università "G. d'Annunzio" di Chieti-Pescara, Italy)

Paolo Sckokai (Università Cattolica del Sacro Cuore di Piacenza, Italy)

Davide Viaggi (Università di Bologna, Italy)

Local Committee

Davide Viaggi (Università di Bologna, Italy)

Meri Raggi (Università di Bologna, Italy)

Giacomo Zanni (Università di Ferrara, Italy)

Aldo Bertazzoli (Università di Bologna, Italy)

Rino Ghelfi (Università di Bologna, Italy)

Antonella Samoggia (Università di Bologna, Italy)

Mario Mazzocchi (Università di Bologna, Italy)

Francesco Galioto (Università di Bologna, Italy)

Valentina Marconi (Università di Bologna, Italy)

Francesca Minarelli (Università di Bologna, Italy)

Michele Vollaro (Università di Bologna, Italy)

Information and Contacts

For more updated information and contacts, please refer to www.aieaa.org or email aieaa2016@unibo.it.

HOW TO REGISTER TO 5TH AIEAA CONFERENCE

If you would like to participate to the **5th AIEAA Conference**, you can register through the Conference management platform (<https://www.conftool.net/aieaa2016/>). Enter with your username and password, select "Register as Participant" and follow the instructions.

If you don't have username and password click on "Register new" on the main Conftool page (<https://www.conftool.net/aieaa2016/>) and follow the instructions.

Registration fees

Regular fee: 200 € (150 € if already AIEAA member in 2016)

Reduced fee (Ph.D. students, Postdoc): 70 € (50 € if already AIEAA member in 2016)

Donor member fee: 250 € (150 € if already AIEAA member in 2016)

Registration fees include the conference lunches, the coffee breaks and the social dinner.

HOW TO REACH THE VENUE

The 5th AIEAA Conference will take place at the Agricultural Campus viale Fanin 44, Bologna.

How to reach us by car:

Exit 9 - S. Donato - from the motorway ring-road; then head for Minerbio/Granarolo and follow the CAAB/Facoltà di Agraria signposts.

How to reach us by bus:

The best bus-lines are the 14, 20, 35 and 55. Lines 35 and 55 go right to the CAAB bus-stop, while lines 14 and 20 stop at Pilastro (Via Pirandello).

For information: TPER (Emilia-Romagna Passenger Transport) <http://www.tper.it/>

How to reach us by air:

The best way to reach Agricultural Campus when arriving by air is by TAXI.

Otherwise, although it takes longer, you can take the Aerobus shuttle service, which goes from Marconi airport to the central station of Bologna and from there you can take one of the urban bus lines 35 or 55 to CAAB/Facoltà di Agraria signposts.

How to reach us by train:

Once you have reached the central station of Bologna, you can proceed by TAXI which will take around 15 or 25 minutes. Or you can reach Agricultural Campus by bus lines 35 or 55 to CAAB/Facoltà di Agraria signposts.

ACCOMODATION

The following hotels are located near the venue of the Conference.

- Hotel Cosmopolitan Bologna

Website: www.hotelcosmopolitanbologna.com

Prices – Breakfast included

Check-in 15/06/2016 - check out 17/06/2016 (prices are also valid for n.1 night stay)

Double Single Use: Euro 59,00 per room per night

Double Room: Euro 69,00 room per night

For booking request, please fill the form and contact: commerciale@hotelcosmopolitanbologna.com
within 20/05/16

- Holiday Inn Express Bologna Fiera

Website: <http://www.hiexpressbolognafiera.it/>

Prices – Breakfast included

Check-in 15/06/2016 - check out 17/06/2016 (prices are also valid for n.1 night stay)

Double Single Use Room: Euro 62,00 per room per night

Double Room: Euro 62,00 per room per night

For booking request, please contact info@hiexpressbolognafiera.it **within 16/05/2016**
Please specify: "5th AIEAA Conference"

The following hotels are located in the city center. The Venue can be reached by bus.

- **Zanhotel Regina**

The Zanhotel Regina is based in the heart of Bologna, near the Central Railway (Stazione Centrale). You can reach the Venue by bus n.35 from the bus stop *Central Railway*.

Website: www.zanhotel.it/en/hotel-regina-bologna

Prices – Breakfast include Check-in 15/06/2016 - check out 17/06/2016 (prices are also valid for n.1 night stay)

Classic Single Room: Euro 65,00 per room per night

Classic Double Single Use Room: Euro 78,00 per room per night

Classic Double Room: Euro 88,00 per room per night

For booking request, please contact: hotelregina@zanhotel.it **within 25/05/16**. Please specify "n. 3722 Rif. 5th AIEAA Conference".

- **Best Western Hotel San Donato**

The Best Western Hotel San Donato is based in the heart of Bologna City Center.

Website: www.hotelsandonato.it

Prices – Breakfast included

Check-in 15/06/2016 - check out 17/06/2016 (prices are also valid for n.1 night stay)

Single Room: Euro 90,00 per room per night

Double Single Use: Euro 105,00 per room per night

Double Room: Euro 110,00 per room per night

For booking request, please contact: info@hotelsandonato.it **within 20/5/16**. Please specify: "5th AIEAA Conference"

ACCEPTED ORGANISED SESSIONS

16 th June 5.15-6.45 pm	Povellato A.¹, Viaggi D.², Mantino F.¹, Schwarz G.³, Paracchini M.L.⁴ ¹ CREA, Italy; ² Università di Bologna, Italy; ³ Thünen-Institute of Farm Economics, Germany; ⁴ JRC Institute for Environment and Sustainability	Ecosystem services and public goods in agriculture. Policy evaluation in the context of Social-Ecological Systems
17 th June 8.30-10.30 am	Midmore P.¹, Viaggi D.² ¹ Aberystwyth University, UK; ² Università di Bologna, Italy	The Impacts of R&D Investments on Agriculture in Europe
17 th June 2.45-4.45 pm	Benedetti R., Salvioni C. Università di Chieti-Pescara, Italy	Spatial econometric methods in agricultural economics

CONTRIBUTED PAPER SESSIONS

June 16th 2016

- 5.15-6.45 pm **First contributed paper session**

1.1 Agricultural policy and rural development

Pagliacci F., Bertolini P. Università di Modena e Reggio Emilia, Italy	Measuring Quality of Life and its Territorial Drivers across Italy. Which Role for Inner and Rural Areas?
Sasaki H. FAO, Italy	Do Japanese turn to rural areas seeking a slower life? Measuring the rural-urban disparity with subjective well-being
Varacca A., Sckokai P. Università Cattolica del Sacro Cuore, Italy	Assessing the impact of GMO policy on soybean prices
Santeramo F.G. Università di Foggia, Italy	Experience in crop insurance markets

1.2 Food economics

d'Errico M.¹, Pietrelli R.¹, Romano D.² ¹ FAO; ² Università di Firenze, Italy	Household resilience to food insecurity: Evidence from Tanzania and Uganda
Galli F.¹, Arcuri S.¹, Vervoort J.², Bartolini F.¹, Brunori G.¹ ¹ Università di Pisa, Italy; ² University of Oxford, UK	Food assistance system in Tuscany: exploring vulnerability and resilience through scenario analysis
Qineti A., Braha K, Cupak A., Pokrivcak J., Rajcaniova M. Slovak University of Agriculture in Nitra, Slovak Republic	Demand for food diversity in the case of Kosovo

Castellari E., Moro D., Sckokai P. Università Cattolica del Sacro Cuore, Italy	How healthy is the food basket of Italians? Evidence from the Italian household budget survey
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1.3 Bioeconomics 1

Vollaro M., Galioto F., Viaggi D. Università di Bologna, Italy	Circular economy and agriculture: new opportunities for re-using Phosphorus as fertilizer
Prosperi M., Lopolito A. Università di Foggia, Italy	Assessing key stakeholder perceptions to building a strategy for the deployment of biorefineries in rural areas
Pannicke N.¹, Gawel E.^{1,2}, Hagemann N.¹, Purkus A.¹, Strunz S.¹ ¹ Helmholtz-Centre for Environmental Research, Germany; ² Leipzig University, Germany	The political economy of fostering a wood-based bioeconomy in Germany
Strazzera E., Statzu V., Bonu L., Vinci M. University of Cagliari, Italy	A Choice Experiment Study on the Farmers' Attitudes toward Biogas and Waste Reuse in a Nitrates Vulnerable Zone

1.4 Natural resources 1

Guerra E., Cavazza F., Galioto F., Raggi M., Viaggi D. Università di Bologna, Italy	Environmental water services: a combined economic evaluation, through the hedonic price and the contingent valuation method, applied in the Renana Drainage and Irrigation Board basin
Cisilino F.¹, Di Felice V.² ¹ CREA, Italy; ² Freelance, Italy	Environmental Oriented Farming Systems: An analysis on Organic and Conventional Farming Eco-distance using Agricultural Sustainability Indicators
Chatzinikolaou P., Raggi M., Viaggi D. Università di Bologna, Italy	The Impact of the CAP Reform 2014-2020 on Ecosystem Services production: An Application in the Province of Ferrara
Coderoni S., Esposti R., Baldoni E. Università Politecnica delle Marche, Italy	Carbon-adjusted agricultural productivity measures. An application to micro data

June 17th 2016

- 8.30-10.30 am Second contributed paper session

2.1 Land market

Guastella G., Pareglio S., Sckokai P. Università Cattolica del Sacro Cuore, Italy	Urban sprawl and agricultural land take in Italy
Sorana S., Scoppola M. Università di Macerata, Italy	How solid is available evidence on Foreign Land Acquisitions? A preliminary investigation on the role of political and institutional variables

Falkowski J. University of Warsaw, Poland	Political inequality and structural change: some evidence from Poland
Mela G.¹, Longhitano D.², Povellato, A.² ¹ Università Cattolica del Sacro Cuore, Italy; ² CREA, Italy	Agricultural and non-agricultural determinants of Italian farmland values
Iannucci G.¹, Antoci A.², Rocchi B.¹ ¹ Università di Firenze, Italy; ² Università di Sassari, Italy	Land dynamics via agricultural externalities

2.2 Food and agricultural markets

DeMaria F.¹, Drogué S.² ¹ Università del Molise, Italy; ² INRA, France	Effects of sanitary and phytosanitary barriers on international trade apple
Carbone A.¹, Henke R.² ¹ Università della Tuscia, Italy; ² CREA, Italy	The “sophistication” of agro-food international trade: Extending the concept to the demand of imports
Inama S. UNCTAD, Switzerland	GIs in TTIP: Death or Victory for the “Living cultural and gastronomic heritage”?
Falkowski J.¹, Curzi D.², Olper A.² ¹ University of Warsaw, Poland; ² Università di Milano, Italy	Contract (in)completeness, product quality and trade – evidence from the food industry
Minarelli F., Galioto F., Raggi M., Viaggi D. Università di Bologna, Italy	Modelling asymmetric information in the food supply chain: a case study in Emilia Romagna Region

2.3 Natural resources

Ragona M., Vitali G. Università di Bologna, Italy	An impact assessment of pesticide taxation on Italian farms
Vergamini D.¹, Raggi M.², Viaggi D.² ¹ Università di Pisa, Italy; ² Università di Bologna, Italy	Agri-environmental measures and farmers’ rent: evaluating the potential contribution of auctions to increase the efficiency of Agri-environmental schemes in Emilia-Romagna (Italy)
Pettenella D.M.¹, Thiene M.¹, Scarpa R.², Masiero M.¹, Mattea S.², Franceschinis C.¹ ¹ Università di Padova, Italy; ² University of Waikato, New Zealand	First economic assessment of ecosystem services from Natura 2000 network in Lombardy (Northern Italy)
Lika A., Viaggi D. Università di Bologna, Italy	Modelling contracts for irrigation water under adverse selection

2.4 Food economics 2

Olper A., Curzi D., Raimondi V. Università di Milano, Italy	Estimating the trade effects of the EU food quality policy
Magnani G., Zighetti C., Zinetti A., Rosi A., Scazzina F., Menozzi D., Donati M. Università di Parma, Italy	Using a multi-objective optimization tool to identify a sustainable diet
Drogué S., Vignes R, Amiot, M.J INRA, France	The impact of optimized diet patterns at a macro-level: the case of Tunisia
Srinivasan C., Nocella G. University of Reading, UK	Industry-led reformulation of food products in Europe – can they nudge consumers towards healthier dietary choices?

Sckokai P., Moro D., Castellari E., Quattrone G. Università Cattolica del Sacro Cuore, Italy	The impact of fiscal policies on the quality of consumer diets: a simulation approach with an EASI demand system
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- 2.45-4.45 pm **Third contributed paper session**

3.1 Bio-economics 2

Targetti S.¹, Bondeau A.², Geijzendorffer I.², Napoleone C.³ ¹ Aix-Marseille University, France; ² CNRS, France; ³ INRA, France	Assessing farm adaptation to changes: a review of farm-level socio-economic indicators with a focus on South Mediterranean agriculture
Barra C.¹, Maietta O.W.², Zotti R.¹ ¹ Università di Salerno; ² CSEF, Università di Napoli Federico II, Italy	Science, university-firm R&D collaboration and innovation across Europe
Gonzalez N.C. Università di Bologna, Italia/Universidad Santo Tomas, Colombia	Regulation of bio-based economy: the challenges of the local innovation in governance
Garcia-Alvarez-Coque J.M.¹, Chieco C.², Di Virgilio N.², Coninx I.³, Ortiz-Miranda D.¹, Zegg M.⁴, Fülöp B.⁵ ¹ Universitat Politècnica de Valencia, Spain; ² C.N.R, Italy; ³ Alterra Wageningen UR, The Netherlands; ⁴ South Pole Group, Switzerland; ⁵ Trinity Enviro, Hungary	Assessing Rural Development Programs in 4 EU regions and their potential to address climate concerns

3.2 Agricultural prices

Santeramo F.G. Università di Foggia, Italy	Trade, Storage and Transaction Costs in Price Transmission Analysis
Esposti R. Università Politecnica delle Marche, Italy	You can see GM soybean and corn (almost) everywhere but in the price series. An econometric investigation of the long-term world price behavior
Gutierrez L., Piras F. Università di Sassari, Italy	Effects of the El Niño Southern Oscillation (ENSO) on Wheat Prices: Evidence from a Global Dynamic Model
Sassi M.¹, Abera Y.² ¹ Università di Pavia, Italy; ² Dire Dawa University, Ethiopia	Vertical Price Transmission between Farmers and Traders in Grains Market of Ethiopia: The Case of White Teff
Pokrivcak J.¹, Bobokhonov A.², Rajcaniova M.¹ ¹ Slovak University of Agriculture, Slovak Republic; ² Tajik State University of Commerce, Tajikistan	The Impact of Agricultural and Trade Policies on Price Transmission in Central Asia

3.3 Food economics 3

Menzio D., Sogari G., Simoni E., Veneziani M., Mora C. Università di Parma, Italy	Application of the Theory of Planned Behaviour in the prediction of edible insects consumption
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Veneziani M., Menozzi D., Sogari G., Arfini F., Mancini M.C. Università degli Studi di Parma, Italy	Consumer Willingness to Pay for Improved Animal Welfare: the Case of Fresh Pork Meat in Italy
Moro D., Castellari E., Sckokai P. Università Cattolica del Sacro Cuore, Italy	Empirical issues in the computation of Stone-Lewbel price indices in micro-level demand systems
Corsi A., Novelli S. Università di Torino, Italy	The value of the participation in Solidarity Purchasing Groups (SPGs): an empirical analysis in Piedmont
Rocchi B.¹, Randelli F.¹, Corsini L.², Gianpaolo S.³ ¹ Università di Firenze; ² Università di Pisa; ³ ISTAT, Italy	On-farm and regional factors affecting the participation of farmers to the short food supply chains: an empirical analysis on the Census data

3.4 Policy tools

Britz W.¹, Arata L.² ¹ University of Bonn, Germany; ² Università Cattolica del Sacro Cuore, Italy	How important are crop shares in managing risk for specialized arable farms? A panel estimation of a programming model for three European regions
Donati M.¹; Solazzo R.², Veneziani M.¹, Arfini F.¹ ¹ Università degli Studi di Parma; ² CREA, Italy	The future of alfalfa (Medicago Sativa) after the CAP reform: an institutional interpretation matter
Pupo D'Andrea M.R. CREA, Italy	Is the one of the "active farmer" a false problem?
Zavalloni M., Raggi M., Viaggi D. Università di Bologna, Italy	Cost effectiveness of collective approach in rural policies aimed at natural resource management
D'Alberto R., Raggi M., Viaggi D. Università di Bologna, Italy	Analysis of the economic impacts of Rural Development Program 2007-2013: the Emilia Romagna Region case study

POSTER SESSIONS

June 17th 2016 (1.45-2.45 pm)

Agriculture

Vergamini D., Bartolini F., Brunori G., Proserpi P., Grando S. Università di Pisa, Italy	Understanding wine producers' marketing strategies: An empirical analysis in Tuscany
Esposti R. Università Politecnica delle Marche, Italy	Are the days of abundance over? Evidence from long-term agricultural commodity prices
Mela G., Canali G. Università Cattolica del Sacro Cuore, Italy	Price forecasting tools: are they reliable also in (inefficient) Italian agricultural markets?
Minella M.¹, Pisani E.² ¹ AIAB, Italy ² ; Università di Padova, Italy	Who cares in social farming? An exploratory investigation of care farming in the territory of the 'Prealpi Dolomiti' Local Action Group in North East Italy
Proserpi P.¹, Bartolini F.¹, Brunori G.¹, Grando S.¹, Kirwan J.², Maye D.², Vergamini D.¹, Vigani M.² ¹ Università di Pisa, Italy; ² University of Gloucester, UK	Analysing contexts and decisions for sustainable fisheries and aquaculture

Food

Wirba E.L.¹, Baye F.M.² ¹ University of Bamenda; ² University of Yaounde II, Cameroon	Accounting for the Urban-Rural Real Food Expenditure Differentials in Cameroon: A Quantile Regression-Based Decomposition
Antonoli F.¹, Ben-Kaabia M.², Gil J.M.³, Arfini F.¹ ¹ Università di Parma, Italy; ² Universidad de Zaragoza, Spain; ³ CREDA-UPC-IRTA, Spain	Price Transmission Analysis in the Italian Fluid Milk Supply Chain: a Comparison between the Conventional and Organic Sectors
Lasorella M.V. CREA, Italy	Can Corporate Social Responsibility be an opportunity to implement a sustainable agro food chain?
Bartolini F.¹, Brunori G.¹, Colombo L.², Vanni F.³ ¹ Università di Pisa, Italy; ² Firab, Italy; ³ CREA, Italy	Understanding the vulnerability of EU Food Nutrition Security under competition between food and energy land uses

Environment

Da Re R., Corradini G., Vidale E., Pettenella D. Università di Padova, Italy	From global to local: how wild products economy is affected by harvesting regulations? The case of mushrooms in Italy
Chang T.F.M., Iseppi L., Gori E., Taverna M. Università di Udine, Italy	EU consultation for AFOLU policy options in GHGs mitigation framework: an evaluation
Wieliczko B.M. Institute of Agricultural and Food Economics - National Research Institute, Poland	Sustainable circular economy vs. EU agriculture

Chistyakova M. Montpellier University, France	Eco-certification and price signal as complements of quality disclosure
Coalao D. CREA-PLF, Italy	Potential biomass production within ecological focus areas and the impacts on the agricultural system in Italy
Cayambe J.¹, Iglesias A.¹, Barrera V.² ¹ Polytechnic University of Madrid, Spain; ² INIAP, Ecuador	Calculating the cost-effectiveness of mitigating greenhouse gas emissions in farm mixed Systems (potato - pasture) in Andean region