



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 Greetings and Conference Opening

3.15-5.00 pm First plenary session

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

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

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

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

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

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.

Early Registration fees (before April 30)

Regular fee: 150 € (100 € if already AIEAA member in 2016)

Reduced fee (Ph.D. students, Postdoc): 50 € (30 € if already AIEAA member in 2016)

Donor member fee: 200 € (100 € if already AIEAA member in 2016)

Late Registration fees (after April 30)

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, PAPERS, POSTER

Accepted Organised Sessions

Benedetti, Roberto; Salvioni, Cristina	Spatial econometric methods in agricultural economics
Midmore, Peter ; Viaggi, Davide	The Impacts of R&D Investments on Agriculture in Europe
Povellato, Andrea ; Viaggi, Davide ; Mantino, Francesco ; Schwarz, Gerald; Paracchini, Maria Luisa	Ecosystem services and public goods in agriculture. Policy evaluation in the context of Social-Ecological Systems

Accepted Papers

Barra, Cristian ; Maietta, Ornella Wanda ; Zotti, Roberto	Science, university-firm R&D collaboration and innovation across Europe
Bartolini, Fabio; Brunori, Gianluca; Coli, Alessandra; Gava, Oriana; Pacini, Barbara	Impact assessment of EU's Common Agricultural Policy on land use change in Tuscany (Italy)
Britz, Wolfgang ; Arata, Linda	Crop diversification in specialized arable farms: a tool to cope with risk or to reduce variable costs? An econometric farm level programming approach for three EU agricultural intensive regions
Carbone, Anna ; Henke, Roberto	The “sophistication” of agro-food international trade: Extending the concept to the demand of imports
Castellari, Elena; Moro, Daniele; Sckokai, Paolo	How healthy is the food basket of Italians? Evidence from the Italian household budget survey
Chatzinikolaou, Parthena ; Viaggi, Davide ; Raggi, Meri	The Impact of the CAP Reform 2014-2020 on Ecosystem Services production: An Application in the Province of Ferrara
Coderoni, Silvia; Esposti, Roberto; Baldoni, Edoardo	Carbon-adjusted agricultural productivity measures. An application to micro data.
Corsi, Alessandro ; Novelli, Silvia	The value of the participation in Solidarity Purchasing Groups (SPGs): an empirical analysis in Piedmont
D'alberto, Riccardo; Raggi, Meri; Viaggi, Davide	Analysis of the economic impacts of Rural Development Program 2007-2013: the Emilia Romagna Region case study
Demaria, Federica ; Drogué, Sophie	Effects of sanitary and phytosanitary barriers on international trade apple
D'errico, Marco ; Pietrelli, Rebecca ; Romano, Donato	Household resilience to food insecurity: Evidence from Tanzania and Uganda
Donati, Michele ; Solazzo, Roberto ; Veneziani, Mario ; Arfini, Filippo	The future of alfalfa (Medicago Sativa) after the CAP reform: an institutional interpretation matter
Drogué, Sophie ; Vignes, Romain ; Amiot, Marie-Josephe	The impact of optimized diet patterns at a macro-level: the case of Tunisia
Esposti, Roberto	You can see GM soybean and corn (almost) everywhere

	but in the price series. An econometric investigation of the long-term world price behavior
Falkowski, Jan	Political inequality and structural change: some evidence from Poland
Falkowski, Jan ; Curzi, Daniele ; Olper, Alessandro	Contract (in)completeness, product quality and trade – evidence from the food industry
Fedrica, Cisilino ; Di Felice, Vincenzo	Environmental Oriented Farming Systems: An analysis on Organic and Conventional Farming Eco-distance using Agricultural Sustainability Indicators
Galli, Francesca ; Arcuri, Sabrina ; Vervoort, Joost ; Bartolini, Fabio ; Brunori, Gianluca	Food assistance system in Tuscany: exploring vulnerability and resilience through scenario analysis
Garcia-Alvarez-Coque, Jose-Maria ; Chieco, Camilla ; Di Virgilio, Nicola ; Coninx, Ingrid ; Ortiz-Miranda, Dionisio ; Zegg, Madlaina ; Fülöp, Bence	Assessing Rural Development Programs in 4 EU regions and their potential to address climate concerns
Gonzalez, Nidia Catherine	Regulation of bio-based economy: the challenges of the local innovation in governance
Guastella, Gianni; Pareglio, Stefano; Sckokai, Paolo	Urban sprawl and agricultural land take in Italy
Guerra, Elisa; Cavazza, Francesco; Galioto, Francesco; Raggi, Meri; Viaggi, Davide	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.
Gutierrez, Luciano; Piras, Francesco	Effects of the El Niño Southern Oscillation (ENSO) on Wheat Prices: Evidence from a Global Dynamic Model
Iannucci, Gianluca ; Antoci, Angelo ; Rocchi, Benedetto	Land dynamics via agricultural externalities
Inama, Stefano	GIs in TTIP:Death or Victory for the "Living cultural and gastronomic heritage" ?
Lika, Alban; Viaggi, Davide	Modelling contracts for irrigation water under adverse selection
Magnani, Giulia; Zighetti, Camilla; Zinetti, Anna; Rosi, Alice; Scazzina, Francesca; Menozzi, Davide; Donati, Michele	Using a multi-objective optimization tool to identify a sustainable diet
Mela, Giulio ; Longhitano, Davide ; Povellato, Andrea	Agricultural and non-agricultural determinants of Italian farmland values
Menozzi, Davide ; Sogari, Giovanni ; Simoni, Erica ; Veneziani, Mario ; Mora, Cristina	Application of the Theory of Planned Behaviour in the prediction of edible insects consumption
Minarelli, Francesca; Galioto, Francesco; Raggi, Meri; Viaggi, Davide	Modelling asymmetric information in the food supply chain: a case study in Emilia Romagna Region
Moro, Daniele; Castellari, Elena; Sckokai, Paolo	Empirical issues in the computation of Stone-Lewbel price indices in micro-level demand systems
Olper, Alessandro (1,2); Curzi, Daniele ; Raimondi, Valentina	Estimating the trade effects of the EU food quality policy

Pagliacci, Francesco; Bertolini, Paola	Measuring Quality of Life and its Territorial Drivers across Italy. Which Role for Inner and Rural Areas?
Pannicke, Nadine ; Gawel, Erik; Hagemann, Nina ; Purkus, Alexandra ; Strunz, Sebastian	The political economy of fostering a wood-based bioeconomy in Germany
Pettenella, Davide Matteo ; Thiene, Mara ; Scarpa, Riccardo ; Masiero, Mauro ; Mattea, Stefania ; Franceschinis, Cristiano	First economic assessment of ecosystem services from Natura 2000 network in Lombardy (Northern Italy)
Philippidis, George; M'barek, Robert ; Ferrari, Emanuele	Drivers of the European Bioeconomy in Transition (BioEconomy2030)
Pokrivcak, Jan ; Bobokhonov, Abdulmajid ; Rajcaniova, Miroslava	The Impact of Agricultural and Trade Policies on Price Transmission in Central Asia
Prosperi, Maurizio; Lopolito, Antonio	Assessing key stakeholder perceptions to building a strategy for the deployment of biorefineries in rural areas
Pupo D'andrea, M. Rosaria	Is the one of the “active farmer” a false problem?
Qineti, Artan; Braha, Kushtrim; Cupak, Andrej; Pokrivcak, Jan; Rajcaniova, Miroslava	Demand for food diversity in the case of Kosovo
Ragona, Maddalena; Vitali, Giuliano	An impact assessment of pesticide taxation on Italian farms
Rocchi, Benedetto ; Randelli, Filippo ; Corsini, Lorenzo ; Gianpaolo, Sabina	On-farm and regional factors affecting the participation of farmers to the short food supply chains: an empirical analysis on the Census data.
Santeramo, Fabio Gaetano	Trade, Storage and Transaction Costs in Price Transmission Analysis
Santeramo, Fabio Gaetano	Experience in crop insurance markets
Sasaki, Hiroki	Do Japanese turn to rural areas seeking a slower life?:Measuring the rural-urban disparity with subjective well-being
Sassi, Maria ; Abera, Yonas	Vertical Price Transmission between Farmers and Traders in Grains Market of Ethiopia: The Case of White Teff
Sckokai, Paolo; Moro, Daniele; Castellari, Elena; Quattrone, Giuseppe	The impact of fiscal policies on the quality of consumer diets: a simulation approach with an EASI demand system
Sorana, Silvia; Scoppola, Margherita	How solid is available evidence on Foreign Land Acquisitions? A preliminary investigation on the role of political and institutional variables
Srinivasan, Chittur ; Nocella, Guisepe	Industry-led reformulation of food products in Europe – can they nudge consumers towards healthier dietary choices?
Strazzeria, Elisabetta ; Statzu, Vania ; Bonu, Laura ; Vinci, Manuel	A Choice Experiment Study on the Farmers’ Attitudes toward Biogas and Waste Reuse in a Nitrates Vulnerable Zone
Targetti, Stefano ; Bondeau, Alberte ; Geijzendorffer, Ilse ; Napoleone, Claude	Assessing farm adaptation to changes: a review of farm-level socio-economic indicators with a focus on South Mediterranean agriculture.

Varacca, Alessandro; Sckokai, Paolo	Assessing the impact of GMO policy on soybean prices
Veneziani, Mario; Menozzi, Davide; Sogari, Giovanni; Arfini, Filippo; Mancini, Maria Cecilia	Consumer Willingness to Pay for Improved Animal Welfare: the Case of Fresh Pork Meat in Italy
Vergamini, Daniele; Viaggi, Davide; Raggi, Meri	Agri-environmental measures and farmers' rent: evaluating the potential contribution of auctions to increase the efficiency of Agri-environmental schemes in Emilia-Romagna (Italy)
Vollaro, Michele; Galioto, Francesco; Viaggi, Davide	Circular economy and agriculture: new opportunities for re-using Phosphorus as fertilizer
Zavalloni, Matteo ; Raggi, Meri ; Viaggi, Davide	Cost effectiveness of collective approach in rural policies aimed at natural resource management

Accepted posters

Antonoli, Federico ; Ben-Kaabia, Monia ; Gil, José Maria ; Arfini, Filippo	Price Transmission Analysis in the Italian Fluid Milk Supply Chain: a Comparison between the Conventional and Organic Sectors
Bartolini, Fabio ; Brunori, Gianluca ; Colombo, Luca ; Vanni, Francesco	Understanding the vulnerability of EU Food Nutrition Security under competition between food and energy land uses.
CAYAMBE, JHENNY ; IGLESIAS, ANA ; BARRERA, VICTOR	Calculating the cost-effectiveness of mitigating greenhouse gas emissions in farm mixed Systems (potato - pasture) in Andean region.
Chang, Ting Fa Margherita; Iseppi, Luca; Gori, Enrico; Taverna, Mario	EU consultation for AFOLU policy options in GHGs mitigation framework: an evaluation
Chistyakova, Maria	Eco-certification and price signal as complements of quality disclosure
Coalao, Domenico	Potential biomass production within ecological focus areas and the impacts on the agricultural system in Italy
Da Re, Riccardo; Corradini, Giulia; Vidale, Enrico; Pettenella, Davide	From global to local: how wild products economy is affected by harvesting regulations? The case of mushrooms in Italy
Esposti, Roberto	Are the days of abundance over? Evidence from long-term agricultural commodity prices
Mela, Giulio; Canali, Gabriele	Price forecasting tools: are they reliable also in (inefficient) Italian agricultural markets?
Pisani, Elena ; Minella, Margherita	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
Prosperi, Paolo ; Bartolini, Fabio ; Brunori, Gianluca ; Grando, Stefano ; Kirwan, James ; Maye, Damian ; Vergamini, Daniele ; Vigani, Mauro	Analysing contexts and decisions for sustainable fisheries and aquaculture
Tagliabue, Giovanni	"GMO" maize and public health -A little case of toxic

Tagliabue, Giovanni	politics in the EU The EU legislation on "GMOs": Between Nonsense and Protectionism
Vergamini, Daniele; Bartolini, Fabio; Brunori, Gianluca; Prosperi, Paolo; Grando, Stefano	Understanding wine producers' marketing strategies: An empirical analysis in Tuscany
Wieliczko, Barbara Magdalena	Sustainable circular economy vs. EU agriculture
Wirba, Ebenezer Lemven ; Baye, Francis Menjo	Accounting for the Urban-Rural Real Food Expenditure Differentials in Cameroon: A Quantile Regression-Based Decomposition