

## International Conference

### Risk in the food economy - theory and practice

**23-25 November 2016, Hotel Windsor in Jachranka, Poland**

The conference is organized in the framework of **Multiannual Research Program 2015–2019 “The Polish and the EU agricultures 2020+. Challenges, chances, threats, proposals”**.

The conference aims at presentation of the results of research on risk in the food economy, its changing sources, and efficient and up-to-date management tools. Detailed issues cover the following:

- Mega-trends and transmission of shocks versus risk in the agri-food sector.
- Fundamental risk management issues within the food sector.
- Microeconomic roots of risk in the food sector.
- Public policy including agricultural policy in the risk management context.
- Social polarization and economic stability issues in agriculture.
- Structural changes and risk management.
- Exo- and endogenous risks of innovative development within the agri-food sector.
- Environmental threat in sustainable development processes.
- Bio-economy and economy in the closed cycle. Problems of risk.
- GMO in agriculture. Multi-dimensional issue of opportunities and threats.
- Production, price and income risks for agricultural enterprises and farms.
- Risk factors and their reduction on agricultural markets today and in the future.
- Determinants of margin volatility risk in agri-food sector.
- Risk classes and risk assessment (valuation) in agri-food sector.

Conference organizer:

**Institute of Agricultural and Food Economics - National Research  
Institute**

## Scientific Committee

- Prof. Andrzej Kowalski (IAFE-NRI, Poland)  
Prof. Drago Cvijanonić (University of Kragujevac, Serbia)  
Prof. Thomas Doucha (IAEI, Czech Republic)  
Prof. Szczepan Figiel (IAFE-NRI, Poland)  
Prof. Masahiko Gemma (Waseda University, Japan)  
Prof. Wojciech Józwiak (IAFE-NRI, Poland)  
Prof. Anikó Juhász (AKI, Hungary)  
Prof. Jacek Kulawik (IAFE-NRI, Poland)  
Vesna Miličić, PhD (University of East Sarajevo, Bosnia and Herzegovina)  
Prof. Dimitre Nikolov (IAE, Bulgaria)  
Prof. Gabriel Popescu (ASE, Romania)  
Prof. Włodzimierz Rembisz (IAFE-NRI, Poland)  
Prof. Bernardo Reynolds Pacheco de Carvalho (University Tecnica de Lisboa, Portugal)  
Prof. Alexander Petrovich Shpak (ISRIAC of NAS, Belarus)  
Piotr Szajner, PhD (IAFE-NRI, Poland)  
Prof. Alina Sikorska (IAFE-NRI, Poland)  
Prof. Jonel Subić (IAE, Serbia)  
Marek Wigier, PhD (IAFE-NRI, Poland)  
Prof. Valeriy Zhuk (Institute of Accounting and Finance, Ukraine)  
Prof. Józef St. Zegar (IAFE-NRI, Poland)

## Organising Committee

- Marek Wigier, PhD (IAFE-NRI, Poland)  
Aleksander Gorzelak (IAFE-NRI, Poland)  
Justyna Góral, PhD (IAFE-NRI, Poland)  
Krzysztof Kossakowski (IAFE-NRI, Poland)  
Małgorzata Mikołajczyk (IAFE-NRI, Poland)  
Lech Parzuchowski (IAFE-NRI, Poland)  
Ewa Sierakowska (IAFE-NRI, Poland)  
Paulina Smakosz (IAFE-NRI, Poland)  
Leszek Ślipski (IAFE-NRI, Poland)

## Conference presentations

### Session I

The question of price and income risks in agriculture

**Prof. Andrzej Kowalski, Prof. Włodzimierz Rembisz**, Institute of Agricultural and Food Economics National Research Institute (Poland)

Risks and vulnerability in the food system: food security and sustainable development

**Prof. Bernardo Reynolds Pacheco de Carvalho**, University Tecnica de Lisboa CIAT-Centro Ag. Tropical/ Instituto Superior de Agronomia (Portugal)

The major problems of risk management in the food sector

**Prof. Jacek Kulawik, Joanna Pawłowska-Tyszko PhD, Michał Soliwoda PhD**, Institute of Agricultural and Food Economics National Research Institute (Poland)

### Session II

The role of public policy in risk management: the case of the Hungarian Risk Management System

**Prof. Anikó Juhász, Prof. Gábor Kemény, András Molnár PhD, Anna Zubor-Nemes MSc**, Research Institute of Agricultural Economics (Hungary)

Price prediction tool for agricultural risk management and policy-making purposes

**Prof. Thomas Doucha, Marie Pechrova PhD, Ondrej Choloupka MSc**, Institute of Agricultural Economics and Information (Czech Republic)

Incentives versus risk associated with innovation activity in the agri-food sector. Theoretical premises

**Prof. Szczepan Figiel**, Institute of Agricultural and Food Economics National Research Institute (Poland)

Benefits, opportunities, cost and risk in delivering public goods in agriculture: south central planning region in Bulgaria case study

**Prof. Dimitre Nikolov, Prof. Adriana Mihnea, Prof. Ivan Boevsky, Petar Borisov PhD, Teodor Radev PhD**, Institute of Agricultural Economics (Republic of Bulgaria), Bucharest University of Economic Studies (Romania), Agrarian University (Republic of Bulgaria)

Managing risk and uncertainty on the farm

**Boris Kuzman PhD, Radivoj Prodanovic PhD, Jonel Subić PhD**, Institute of Agricultural Economics, University Business Academy in Novi Sad (Republic of Serbia)

Globalization of price risk – the example of cereal market

**Mariusz Hamulczuk PhD**, Institute of Agricultural and Food Economics National Research Institute (Poland)

### Session III

An index-based margin insurance for agriculture – the example of wheat production in Austria

**Prof. Franz Sinabell, T. Url PhD, K. Heinschink PhD**, Austrian Institute of Economic Research (Republic of Austria)

Production and price risk in Lithuanian crop farming

**Prof. Irena Kriščiukaitienė, Tomas Baležentis PhD**, Lithuanian Institute of Agrarian Economics (Lithuanian Republic)

Price transmission in dairy industry in Bulgaria

**Bozhidar Ivanov PhD**, Institute of Agricultural Economics (Republic of Bulgaria)

Price and production risk in the live pigs market

**Danuta Zawadzka PhD**, Institute of Agricultural and Food Economics National Research Institute (Poland)

## Session IV

Megatrends linear or nonlinear: is it possible today to predict reasonably the state of the economy in the year 2025?

**Prof. Wojciech Józwiak, Prof. Wojciech Zięta, Zofia Mirkowska MSc**, Institute of Agricultural and Food Economics National Research Institute (Poland)

Production, price and income risk in expected gross margin in agriculture using analytic network processes modelling

**Prof. Adriana Mihnea, Liliana Craciun PhD, Andrei Radutu PhD**, Bucharest University of Economic Studies (Romania)

Methodology for integral estimation of Ukrainian agriculture efficiency  
**Vasyl D. Zalizko PhD**, National Research Center „Institute of Agrarian Economy”, National Academy of Agrarian Sciences of Ukraine (Ukraine)

An approach based on state-space models for the agricultural production risk assessment

**Cristian Kevorchian PhD, Camelia Gavrilesu PhD**, Institute of Agricultural Economics of the Romanian Academy (Romania)

## Session V

The currency risk and the foreign trade in the Polish agri-food products  
**Iwona Szczepaniak PhD, Łukasz Ambroziak PhD**, Institute of Agricultural and Food Economics National Research Institute (Poland)

Mitigating financial risk through agile balancing between market orientation and total quality management factors: evidence from B&H beverages industry

**Prof. Mirza Uzunović, Aleksandra Nikolić PhD, Alen Mujcinovic MSc**, University of Sarajevo (Bosnia and Herzegovina)

Risk management approaches in Estonian agricultural enterprises  
**Merilin Ratas PhD, Maire Nurmet PhD**, Estonian University of Life Sciences, University of Tartu (Estonian Republic)

Agricultural production risk and its solution in Slovakia

**Zuzana Chrastinová PhD, Tesfu Weldesenbet PhD, Ivan Masár MSc,** National Agricultural and Food Centre - Research Institute of Agricultural and Food Economics (Slovak Republic)

Incomes of farms versus the currency risk

**Cezary Klimkowski MSc,** Institute of Agricultural and Food Economics National Research Institute (Poland)

## Session VI

Risks of rural development in Ukraine

**Prof. Oleksandr Pavlov,** Odessa National Academy of Food Technologies (Ukraine)

GMO in agriculture – the selected threats

**Prof. Józef Zegar, Wioletta Wrzaszcz PhD, Konrad Prandecki PhD,** Institute of Agricultural and Food Economics National Research Institute (Poland)

Entrepreneurial process and risks in small and medium-sized organic agricultural holdings in Serbia

**Prof. Drago Cvijanonić, Vesna Kocic Vugdelija PhD, Željko Vojinović PhD, Otilija Sedlak PhD,** University of Kragujevac, University of Novi Sad (Republic of Serbia)

Successful certification schemes as a tool for marketing risk mitigation: case study – Organic and traditional labels in B&H

**Mirza Uzunović MSc, Aleksandra Nikolić PhD, Alen Mujcinovic MSc,** University of Sarajevo (Bosnia and Herzegovina)



## **Prof. Andrzej Kowalski**

*Chairman of the Conference*

*Institute of Agricultural and Food Economics*

*– National Research Institute*

### **Main activities:**

Employment: 2000-present: Director of Institute of Agricultural and Food Economics; 1974-present: SGPiS/SGH Central School of Planning and Statistics/Warsaw School of Economics: Assistant, Lecturer, Associate Professor, Extraordinary Professor; 1987-1992: Dean's Plenipotentiary, Vice-Director of Institute of National Economy, Warsaw School of Economics; 1991-1993: Ministry of Agriculture and Food Economics, Adviser to the Minister; 1995-2008: Institute for Agricultural and Food Economics in Warsaw – Associate Professor; 2008-present: Professor; 1999-2008: Head of Agricultural Department Warsaw School of Economics; 1999-2000 Vice Chairman of Scientific Council, Institute of Agricultural and Food Economics, 2004-2006 – Deputy Minister of Agriculture and Rural Development, 2008-present: Professor, Collegium of Business Administration, Warsaw School of Economics, Lecturer; 2013-Advisor of The Commission of Agricultural and Rural Development of the Polish Sejm.

Membership: Scientific Council of Collegium of Business Administration, Warsaw School of Economy; Scientific Council of Polish Team of IIASA; Scientific Council of the Institute of Rural and Agricultural Development, Polish Academy of Sciences; Member of the Committee on Agricultural Economics, Polish Academy of Sciences; Foreign member of the Ukrainian Academy of Agrarian Sciences, received Honorary Doctorate degrees from the Agroecology Institute, the Ukrainian Academy of Agricultural Sciences and the title Honorary Professor from the Scientific Council of Institute of Agricultural Economics Bulgarian Agricultural Academy.

### **Main scientific interest:**

Agricultural development, agricultural policy analysis on a macro scale, social policy in agriculture, financial policy in agriculture, aspects of research agricultural economics, agricultural policy, agro-business, influence of farmers' insurance system on farming, social conditions and barriers to agricultural development, cooperation with Japan, France and Canada on the transformation of Polish agriculture.

*Institute of Agricultural and Food Economics – National Research Institute*

*20 Świętokrzyska St., 00-002 Warsaw, Poland*

*phone: +48 225054518*

*e-mail: [andrzej.kowalski@ierigz.waw.pl](mailto:andrzej.kowalski@ierigz.waw.pl)*



**Łukasz Ambroziak, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

Assistant Professor in the Food Industry Economics Department of the Institute of Agricultural and Food Economics – National Research Institute. PhD degree in Economics at the Warsaw School of Economics (2013).

**Main scientific interest:**

International competitiveness of the Polish food producers, foreign trade in agri-food products, inward and outward foreign direct investment in the Polish food industry.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054705  
e-mail: [lukasz.ambroziak@ierigz.waw.pl](mailto:lukasz.ambroziak@ierigz.waw.pl)*





**Tomas Baležentis, PhD**

*Lithuanian Institute of Agrarian Economics*

**Main activities:**

Tomas Balezentis is a Senior Research Fellow at the Lithuanian Institute of Agrarian Economics. Dr Balezentis has published over 90 peer-reviewed papers in such outlets as Agricultural Economics, European Journal of Operational Research, Applied Energy, Journal of Cleaner Production, and Journal of Productivity Analysis. He serves on the editorial board of Technological and Economic Development of Economy, an SSCI journal.

**Main scientific interest:**

Multi-criteria decision making, efficiency analysis, agricultural economics, energy economics

*Lithuanian Institute of Agrarian Economics*

*Kudirkos 18-2, LT-03105 Vilnius, Lithuania*

*phone: +370 52621078*

*e-mail: [tomas@laei.lt](mailto:tomas@laei.lt)*



## **Ondřej Chaloupka**

*Institute of Agricultural Economics and Information*

### **Main activities:**

Modelling of the impacts of agricultural policy, mathematical modelling of agriculture impacts in national economy, modelling of evaluation in rural development projects.

### **Main scientific interest:**

Agricultural economics, data projections, national economy modelling, farm level modelling.

*Institute of Agricultural Economics and Information,  
Department of modelling of the impacts of agricultural policy  
Mánesova 1453/75, 120 00 Prague 2, Czech Republic  
phone: +420 222000232, +420 720238268  
e-mail: [Pechrova.Marie@uzei.cz](mailto:Pechrova.Marie@uzei.cz)*



**Zuzana Chrastinova, PhD**

*National Agricultural and Food Centre - Research  
Institute of Agricultural and Food Economics*

**Main activities:**

The topic of her research is aimed at the evaluation of agricultural economics and instruments of financial policy. Since 2003, she has been the principal investigator of departmental science and research projects, as well as a number of technical tasks for the Ministry of Agriculture and Rural Development of the Slovak Republic.

By 2011, she was responsible for the annual evaluation of the state of agriculture and food industry in Slovakia, the so-called Green Reports. She is an author or co-author of several scientific and professional monographs (published in the edition Studies of the National Agricultural and Food Centre Research - Institute of Agricultural and Food Economics) as well as several scientific publications in national and foreign scientific journals.

**Main scientific interest:**

insurance system on farming, agricultural economics, financial policy in agriculture, macro – end micro economics analysis, taxation in agricultural farms, lending farms.

*National Agricultural and Food Centre - Research Institute of Agricultural and Food Economics*

*Bratislava Trenčianska 55, 824 80 Bratislava, Slovak Republic*

*phone +421 258243231*

*e-mail: [www.nppc.sk](http://www.nppc.sk); [zuzana.chrastinova@vuepp.sk](mailto:zuzana.chrastinova@vuepp.sk)*



**Liliana Craciun, PhD**

*Bucharest Academy of Economic Studies*

**Main activities:**

Associate Professor Ph. D

- Teaching educational activity, seminars and workshops according to the syllabus and to the analytical curriculum;
- Courses deliver: microeconomy; macroeconomy;
- Scientific tutoring activity;
- Tutorial activity;
- Scientific research activity;

**Main scientific interest:**

- Input-output Analysis;
- Economic Analysis;
- Applied Economics

*Bucharest Academy of Economic Studies*

*No. 6 Piata Romana, Sector 6 Bucharest, Romania*

*phone: +40 722171745*

*e-mail: [Liliana.craciun@economie.ase.ro](mailto:Liliana.craciun@economie.ase.ro)*



**Prof. Drago Cvijanović**  
*University of Kragujevac*

**Main activities:**

More than 90 times member or a president of the commission for defence of degree essays, M.A. theses and PhD theses and more than 70 times member or president of the commission for selection of research or scientific topics - research vocation.

He led or was a member of the research team of more than 59 projects. Published as author or co-authored more than 420 papers delivered at national and international conferences and published in national and international journals. He published as author or co-authored over 44 monographs.

He is the Chief Editor of the Journal "Economics of Agriculture" (Belgrade, Serbia), member of the Editorial Board of the Journal "Bulletin" (Ploiesti, Romania), member of the Editorial Board of the Journal "Zagadnienia Ekonomiki Rolnej" (Warsaw, Poland), member of the Advisory Board of "International Journal of Sustainable Economics Management" (USA), member of the Editorial Board of Journal "Bulletin" (Ploiesti, Romania), member of the Editorial Board of "Articles - Journal of Health Economics" (Bucharest, Romania), member of International Editorial Board of the Journal "Agriculture and Forestry" (Podgorica, Montenegro), member of the Advisory Board and the Editorial Board of the Journal "Transition" (Tuzla, Bosnia and Herzegovina), member of the Editorial Board of the Journal "Economics", (Niš, Serbia), member of Redaction of the Journal "Agro-economics" (Novi Sad, Serbia), member of the Editorial Board of the Journal "Entrepreneurship" (Belgrade, Serbia), member of the Scientific Board of the Journal "Agrolife Scientific Journal" (Bucharest, Romania), member of the Publishing Board of the Journal "Economic Analysis" (Belgrade, Serbia), member of the Redaction Board of the Journal "Agro-knowledge" (Banja Luka, Republic of Srpska, Bosnia and Herzegovina), member of the Editorial Board of "Journal of International Studies", member of the Editorial Board of the Journal of Scientific Papers "Economics & Sociology" (Ternopil, Ukraine) and member of the Editorial Board of the journal "Economics Management Technology Information", Bor, Serbia.

Member of the Balkan Environmental Association (B.E.N.A.) and member of the Presidency of the Balkan Scientific Association of Agrarian Economists (BSAAE).

He is a regular member of Serbian Academy of Innovation Science (SAIN).

He is a President and regular member of Developmental Academy of Agriculture of Serbia (RAPS). He is an honorary professor at Stavropol State Agricultural Universities in Stavropol, Russia.

Now is the Dean of the Faculty of Hotel Management and Tourism in Vrnjacka Banja, Serbia.

**Main scientific interest:**

Agricultural economics, environmental resources, rural development, multifunctional agriculture, market and marketing of agro food and tourist products, rural tourism

*University of Kragujevac, Faculty of Hotel Management and Tourism,*

*Vojvodjanska 5A, 36210 Vrnjačka Banja – Vrnjci Spa, Serbia.*

*tel: +381 365150024; +381 63 295 111; fax: +381 36 5150025*

*e-mail: [dvcmmv@gmail.com](mailto:dvcmmv@gmail.com); [drago.cvijanovic@kg.ac.rs](mailto:drago.cvijanovic@kg.ac.rs)*



**Prof. Tomáš Doucha**

*Institute of Agricultural Economics and Information*

**Main activities:**

Head of various positions such as Division of Economics at Presidency of the Czech Academy of Agricultural Sciences; Executive Committee of European Association of Agricultural Economists (EAAE); Director and Deputy Director for Research at the Research Institute of Agricultural Economics (Institute of Agricultural Economics and Information); Deputy Minister of the Czech Ministry of Agriculture etc.

**Main scientific interest:**

Agricultural and rural policy development and assessment, structural and economic development of the farm sector and food industry.

*Institute of Agricultural Economics and Information*

*Slezská 7, 120 56 Praha 2*

*seat: Mánesova 75, 120 58 Prague 2*

*Czech Republic*

*phone: +420 22000411*

*e-mail: [doucha.tomas@uzei.cz](mailto:doucha.tomas@uzei.cz)*



## **Prof. Szczepan Figiel**

*Institute of Agricultural and Food Economics  
– National Research Institute*

### **Main activities:**

Associate professor at the Institute and at the College of Economic Sciences of the University of Warmia and Mazury in Olsztyn (UWM). In 1990/91 he was a Leverhulme Trust research fellow at Reading University in England and in 1997 a visiting professor at the Department of Applied Economics of the University of Minnesota (USA). In the 1990's extensively involved in implementation of various educational and consulting projects in the area of economics and management sponsored by the USAID, the World Bank and the UE. In 2005-08 Deputy Dean for research at the College of Economic Sciences (UWM) and in 2008-12 Vice Rector of the UWM. Currently Head of the Department of Market Analysis and Marketing and Director of the International Center for Business and Public Management at the UWM. He is also a member of the OECD's Expert Group on Food Analysis Network (FCAN). He was responsible for organizing and conducting research activities at the Institute under the topic "Application of economic modelling in the analysis of the premises of competitive development of the agro-food sector" within the Multi-Annual Programme 2011-2014. Since 2015 he is serving in the same capacity regarding the topic "Factors determining the innovative activity in the agri-food sector" within the Multi-Annual Programme 2015 – 2019.

### **Main scientific interest:**

Agricultural market and price analysis, commodity marketing, international trade, managerial economics, and recently microeconomics of competitiveness. In recent years most of his research work is related to efficiency of agricultural commodity markets in comparison to other types of markets, developments of agricultural prices such as their international convergence and volatility, competitiveness and innovativeness of the agro-food sectors in the context of the EU integration, as well as, effectiveness of agricultural policies and impact of public sector on competitiveness of the national economy.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054591  
e-mail: [sfigiel@gmail.com](mailto:sfigiel@gmail.com)*



**Camelia-Anisoara Gavrilescu, PhD**

*Romanian Academy – Institute of Agricultural Economics*

**Main activities:**

Research, Teaching, Consultancy (Senior researcher Ph.D.; associate professor in university; consultant/advisor).

**Main scientific interest:**

Agri-food trade, trade policies, rural and regional development, agricultural support policies, EU integration and enlargement.

*Institute of Agricultural Economics - Romanian Academy*

*Calea 13 Septembrie, no. 13, sector 5, 050711 Bucharest, Romania*

*phone: +40722402130*

*e-mail: [cami\\_gavrilescu@yahoo.com](mailto:cami_gavrilescu@yahoo.com), [cgavrilescu@eadr.ro](mailto:cgavrilescu@eadr.ro)*





**Mariusz Hamulczuk, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

- Assistant Professor in the Mathematics Application in Agricultural Economics Department of the IAFE-NRI,
- Teaching at Warsaw University of Life Sciences WULS–SGGW,
- Member of the Team of Experts for Forecasting of Agricultural Commodity Prices established by President of the Agricultural Market Agency.

**Main scientific interest:**

- Price and income risk management in agriculture,
- Forecasting in agribusiness,
- Commodity markets,
- Vertical and horizontal price transmission,
- Evaluation of agricultural and rural development policies.

*Institute of Agricultural and Food Economics – National Research Institute*

*20 Świętokrzyska St., 00-002 Warsaw, Poland*

*phone: +48 225054610*

*e-mail: [mariusz.hamulczuk@ierigz.waw.pl](mailto:mariusz.hamulczuk@ierigz.waw.pl)*



**Bozhidar Ivanov, PhD**

*Institute of Agricultural Economics*

**Main activities:**

He is an associate professor in the Institute of Agricultural Economics – Sofia and joined IAE in 2005 after a PhD course in Kyushu University – Japan. Since 2013, he coordinates the Centre for Agri-Policy Analysis – CAPA, which is part of IAE. The main goal of CAPA is to carry out market and policy analyses and to set up econometric models for projecting baseline in key industries of Bulgarian agriculture. As an extension from his work, he participates in various initiatives set up by different public and private organizations dedicated to research for elevating the competitiveness of Bulgarian agriculture and methodological expertise contributing to implementation of agricultural measures of Rural Development Program and direct payment schemes.

**Main scientific interest:**

He works predominantly in the field of agricultural commodity markets and policy analyses. The market studies include the price analyses, demand and supply functions, policy impact research on markets and farmers' behavior. The major part of his research recently is based on econometric modeling and he is engaged in running scenarios for comparing the likely effects from implementation of different policy and market evolvments. He is also involved in projects dedicated to agricultural sustainability, where he mainly deals with economic and social aspects and on setting up methodological systems for quantification of sustainability state.

*Institute of Agricultural Economics*

*Bulgaria, 1113 Sofia, 125 Tsarigradsko shosse Blvd*

*phone +359 24653153*

*e-mail: [bozidar\\_ivanov@yahoo.co.uk](mailto:bozidar_ivanov@yahoo.co.uk)*



**Prof. Wojciech Józwiak**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

Professor at the Institute of Agricultural and Food Economics – National Research Institute (IAFE-NRI), head of Economics of Farm Holdings Department.

**Main scientific interest:**

Agricultural and farm economics, development, efficiency and competitiveness as compared to agricultural performances in other countries, especially in Europe; development prospects of Polish agricultural holdings in the EU; macro- and micro-economics analysis; evolution of the structural policy in the EU and in Poland; study on developments of agricultural policies; support of agriculture, agricultural subsidies; problems of innovations in agriculture; taxation of agricultural farms and system of social security of farmers, the impact of climate change on the economic condition of farms.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054599  
e-mail: [wojciech.jozwiak@ierigz.waw.pl](mailto:wojciech.jozwiak@ierigz.waw.pl)*



**Prof. Anikó Juhász**

*Research Institute of Agricultural Economics (AKI)*

**Main activities:**

I worked for fifteen as researcher and later as Head of Department in the Research Institute of Agricultural Economics (AKI in Budapest, Hungary). For two years I changed position and joined a public sector organisation, as Planning and Scientific Officer at the National Food Chain Safety Office (NÉBIH in Budapest, Hungary). I was appointed as General Director of AKI in Budapest in April 2015. In 2016 I was appointed as an expert member of the Agricultural Markets Task Force established by Commissioner Phil Hogan for giving policy advice on agricultural market crises management. From 2016 to 2018 I am a member of the Advisory Group for the strategic programming of H2020 Societal Challenge 2.

**Main scientific interest:**

I have seventeen years of expertise on food supply chain and related policy research, especially the relevance of short food supply chains and quality schemes in Hungary. I am familiar with the recent issues of European bioeconomy. The results of my work have been published in respected peer-reviewed journals in English, German and Hungarian, in Institute publications and in the form of policy guidance to the Hungarian Ministry of Agriculture, and via numerous presentations to supply chain actors at conferences and other dissemination events. I am very enthusiastic about encouraging research and innovation cooperation networks in the CEE countries.

*Research Institute of Agricultural Economics (AKI)*

*H-1093 Budapest, Zsil utca 3-5*

*phone: +36-1-476-30-63*

*e-mail: [juhasz.aniko@aki.gov.hu](mailto:juhasz.aniko@aki.gov.hu)*



**Cezary Klimkowski**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

- Analysis of factors influencing volatility of agricultural commodities prices,
- Risk management in agriculture,
- Exchange rate economics.

**Main scientific interest:**

- Agricultural producers' income volatility,
- Exchange rates impact on agricultural prices,
- Insurance in agriculture.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054609  
e-mail: [cezary.klimkowski@ierigz.waw.pl](mailto:cezary.klimkowski@ierigz.waw.pl)*



**Prof. Irena Kriščiukaitienė**

*Lithuanian Institute of Agrarian Economics*

**Main activities:**

Principal Research Fellow, Head of Division of Farm and Enterprise Economics.

**Main scientific interest:**

Agricultural economics.

*Lithuanian Institute of Agrarian Economics*

*Kudirkos 18-2, LT-03105 Vilnius, Lithuania*

*phone: +370 52622459*

*e-mail: [irena@laei.lt](mailto:irena@laei.lt)*



**Prof. Jacek Kulawik**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

- Public finances and functioning of rural areas and agriculture,
- Agriculture and rural finance,
- Interventionism in the financial and credit spheres in agriculture,
- Agricultural and rural banking.

**Main scientific interest:**

- Measurement of economic, financial and integrated efficiency in agriculture,
- Financial policy and financial stability of countries and agricultures,
- Transmission of fiscal and monetary impulses to agriculture,
- Assessment of the effects of agricultural subsidies,
- Globalisation and financial integration and agriculture,
- Relationship between financial development in agriculture and the functioning of the financial sector in its environment.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054437  
e-mail: [jacek.kulawik@ierigz.waw.pl](mailto:jacek.kulawik@ierigz.waw.pl)*



## **Boris Kuzman, PhD**

*Institute of Agricultural Economics (IAE)*

### **Main activities:**

Assistant Director, Research Associate at the Institute of Agricultural Economics, Belgrade, Serbia;

- membership of professional bodies: Balkan Environment Association (B.EN.A.), European Association of Agrarian Economists (E.A.A.E.), Serbian Association of Agrarian Economists (S.A.A.E.);
- expert-evaluator for research projects submitted to the Ministry of Sciences and Tehnological Development of Republica of Serbia;
- held the position of representative of the capital of the Republic of Serbia in the Assembly of the Development Fund of the Autonomous Province of Vojvodina;
- member of the Council of the Faculty of Agriculture in Zemun behalf of the Government of the Republic of Serbia;
- member of the working group for the promotion of rural tourism and rural development at the Ministry of Trade and Tourism of the Republic of Serbia;
- held the office of President of the Supervisory Board of JP "National Park Fruska Gora".
- member of the Governing Board of the Institute of Agricultural Economics, Belgrade;
- associate editor of International Journal of Sustainable Economies Management (IJSEM);
- associate editor of journal Economics of Agriculture (Serbia).

### **Main scientific interest:**

- agricultural investments: economic efficiency of investments, efficiency and investment risk, investment strategies, assessment methods of investments,
- rural development: economic efficiency and rural development, investments and rural development, strategic planning, multifunctional agriculture and rural development,
- research and analysis on issues related to agricultural and rural development policy, agricultural agri-food industry and commodities market,
- management and assessment of agricultural company, expertise in management and assessment of agricultural household,
- developing and assessment of agricultural projects, expertise in developing and assessment of projects for rural development.

*Institute of Agricultural Economics (IAE)*

*Volgina Street no. 15 11060 Belgrade, Serbia*

*phone: +381 (0) 11 69728 48, phone/fax: +381 (0) 11 697 28 59 Mob. phone: + 381 (0) 63 590 129*

*e-mail: [kuzmanboris@yahoo.com](mailto:kuzmanboris@yahoo.com)*





**Ing. Ivan Masár**

*National Agricultural and Food Centre  
Research Institute of Agricultural and Food  
Economics*

**Main activities:**

Since 2011 he is coordinating Dept. of Economic Analysis and Modelling and Dept. of Rural Development and Agrarian Trade within organisational unit of National Agricultural and Food Centre - Research Institute of Agricultural and Food Economics in Bratislava. He tries to propose research projects to domestic and foreign calls, implement international cooperation, edit scientific journal Agricultural Economics and perform research activities predominantly of selected commodities supply chain.

**Main scientific interest:**

- whole supply chains of milk and dairy products, grains, vegetable oils, fruit and pigs,
- economic aspects of food waste,
- renewable energy sources of agricultural origin,
- rural tourism.

*National Agricultural and Food Centre  
Research Institute of Agricultural and Food Economics  
Trenčianska 55, 824 80 Bratislava  
phone: +421 258243234  
e-mail: [ivan.masar@vuepp.sk](mailto:ivan.masar@vuepp.sk)*



**Dr hab. Adriana Mihnea**

*Bucharest University of Economic Studies*

**Main activities:**

Professor Dr. Habil. Adriana Mihnea works at the UNESCO Department of Business Administration, Bucharest University of Economic Studies. and it is PhD supervisor within the Agri-Food and Environmental Doctoral School. Also, is a scientific researcher at the Institute of Economic Forecasting, Bucharest. She was a Fulbright Senior Researcher Grantee at East Bay California University US, Visiting Professor at Katz Business School, Pittsburg University, US at the invitation of Thomas Saaty and head of two ACE Phare research grants in Leicester University, UK. In Bucharest is teaching the only comprehensive course in AHP/ANP and participated at national scale applications in agriculture of this technique. At the Institute of Economic Forecasting she developed special econometric estimation techniques for short time series using intelligent techniques. Also, was head of a European project for the student formation on behalf of Bucharest University of Economic Studies and participated as member in other several ones.

**Main scientific interest:**

Intelligent techniques, Econometrics of short time series,  
Decision theory: Analytic Hierarchy Processes and Analytic Network Processes, Knowledge Transfer Economy in Environment and Sustainable Development.

*Institute of Economic Forecasting, Bucharest, Romania*

*Department of Business Administration, Bucharest University of Economic Studies, Romania*

*(ASE), Cladirea Mihail Moxa, str. Mihail Moxa 5-7, sector 1, Bucuresti, 010962*

*phone: +4 0721507549*

*e-mail: [adriana.agapie@yahoo.com](mailto:adriana.agapie@yahoo.com)*



## **Alen Mujčinović**

*University of Sarajevo, University of Hohenheim*

### **Main activities:**

- Conducting qualitative and quantitative research in area of agricultural and food industry economics;
- Working on PhD thesis related to the “Impact of Public Policies on the Quality of the Organic Farmers Business in Bosnia and Herzegovina - Case Study Organic Production of Medicinal and Aromatic Plants;
- Preparing projects for NGO “Green Choice” related to the agriculture and food industry with special emphasis on innovative, modern, environmental-oriented activities.

### **Main scientific interest:**

- Quality management;
- Organic and sustainable agriculture;
- Public policies.

*PhD Student, Faculty of Agriculture and Food Science, University of Sarajevo, Bosnia and Herzegovina*

*Semira Frašte 5, 71 000, Sarajevo, Bosnia and Herzegovina*

*phone: +38 761832781*

*Exchange program, Faculty of Agricultural Sciences, University of Hohenheim, Germany.*

*Schwerzstr. 1, 70599, Stuttgart, Germany.*

*phone: +49 15213135827*

*e-mail: [mujcinovicalen@hotmail.com](mailto:mujcinovicalen@hotmail.com)*



**Prof. Dimitre Nikolov**

*Institute of Agricultural Economics (IAE)*

**Main activities:**

- Director, Professor at Institute of Agricultural Economics (IAE), Sofia, Bulgaria
- Project team leader for Bulgaria in EU, FP7 project “Assessing the multiple Impacts of the Common Agricultural Policies (CAP) on Rural Economies” – CAP-IRE (2008-2010) and “Supporting the role of the Common agricultural policy in Landscape valorisation: Improving the knowledge base of the contribution of landscape Management to the rural economy”, CLAIM (2012-2014); HORIZON 2020 Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy, Call: H2020-ISIB-2014-2, Topic: ISIB-01-2014 (PROVIDE) “PROVIDing smart DELivery of public goods by EU agriculture and forestry”
- Key national expert in Farm Management and Marketing by FAO project “Capacity Building for Sustainable Delivery of Agribusiness Advice to Market-oriented Farmers”, Bulgaria, First phase (2003-2004) and Second Phase (2007).
- Visiting Professor for “Monitoring and Control of Investment Projects” and “Financial Management”, Agrarian University, Plovdiv, Bulgaria (2009-2016).

**Main scientific interest:**

Assessment and Design of Policies and Programmes  
Farm Management and Marketing  
Food-chain and Risk Management  
Policy and Management of Research and Innovation  
Governing and Assessment of Sustainable Development  
Governance of Socio-Economic Development and Transformation.

*Institute of Agricultural Economics (IAE)*  
125 Zarigradsko shose Bl.1, 1113 Sofia, Bulgaria  
phone: +35 9888334972  
e-mail: [dnik\\_sp@yahoo.com](mailto:dnik_sp@yahoo.com)



**Maire Nurmet, PhD**  
*Estonian University of Life Sciences*

**Main activities:**

Maire Nurmet is associated professor in Institute of Economics and Social Sciences at Estonian University of Life Sciences and lecturer in University of Tartu.

**Main scientific interest:**

She has worked in the field of agricultural finance and risk management, being involved in several national and international research projects related to risk management in agriculture. She has carried out research in fields of rural business management, agricultural risk management with special interest on risk management instruments, strategies and the role of governments in respect to risk management in agriculture. She is the author more than 50 scientific publications including articles, books, book chapters and congress papers.

*Institute of Economics and Social Sciences  
Estonian University of Life Sciences  
Address: F. R. Kreutzwald str.1 Tartu 51014, Estonia  
phone: +372 7313825  
e-mail: [maire.nurmet@emu.ee](mailto:maire.nurmet@emu.ee)*



**Prof. Oleksandr Pavlov**

*Odessa National Academy of Food Technologies*

**Main activities:**

The head of department of industry economic, Dr. hab., Professor.

**Main scientific interest:**

Rural development; management of rural development; sustainable and safe development of the agro-food sphere; ruralistika as an interdisciplinary branch of science.

*Odessa National Academy of Food Technologies*

*Kanatna str., 112, Odessa, 65039, Ukraine*

*phone: work: +38(048) 712-40-66; 712-40-15; mob. +38(095) 531-04-74*

*e-mail: [pavlovodessa@mail.ru](mailto:pavlovodessa@mail.ru)*



**Joanna Pawłowska-Tyszko, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

Assistant Professor in the Agriculture Finance Department, IAFE – NRI since 2008. Head of the research task "Social security and taxation in agriculture - conditions and proposals for reform" in the context of the Multiannual Programme 2011-2014. Editor, author and co-author of expertise and scientific works in the field of farm incomes, taxation and insurance in agriculture. In 1994-2008 Lecturer of Accounting and Finance Agriculture to UTP in Bydgoszcz. In 2004-2008, the promoter of master's theses and engineering theses. Associate of PARP in the promotion of innovative projects for the period 2008-2010. In 1998-2005, an expert, a trainee and an active participant in programs: TOWARDS – 6th Framework Programme of the EU, Polonium, Leonardo da Vinci, Tempus and Erasmus Socrates. Scientific cooperation with the Institute of Agricultural Economics in Budapest and the Centre for Agricultural Economics in France for the exchange of research results on farmers' social insurance and taxation of agriculture.

**Main scientific interest:**

The tax and social security in agriculture. Status and trends of changes in the taxation and social security of farms. Analysis of the taxation of agriculture in Poland and the European Union. The possibility of replacing the agricultural tax income tax. Status and trends of business insurance in agriculture. Risk analysis in farms.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054582  
e-mail: [joanna.tyszko@ierigz.waw.pl](mailto:joanna.tyszko@ierigz.waw.pl)*



**Marie Pechrová, PhD**

*Institute of Agricultural Economics and Information*

**Main activities:**

Modelling of the impacts of agricultural policy, Rural development programme evaluation, solving thematic and research tasks for the Ministry of Agriculture of the Czech Republic.

**Main scientific interest:**

Agricultural economics, econometric models, panel data models, efficiency analysis, subsidies analysis economic-mathematical modelling, rural development valuation of externalities.

*Institute of Agricultural Economics and Information,  
Department of modelling of the impacts of agricultural policy  
Mánesova 1453/75, 120 00 Prague 2, Czech Republic  
phone: +420 222000232, +420 720238268  
e-mail: [Pechrova.Marie@uzei.cz](mailto:Pechrova.Marie@uzei.cz)*





**Konrad Prandecki, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

(b. 1977) - Graduate School of Economics (2001), PhD of Economics - Academy of Finance (2006). University lecturer with international experience (Finland, France, the Netherlands and Portugal). In 2008-2011 Dean at the Academy of Finance. Author of two books (Environmental Policy of the European Union and its Implementation in Poland, and the International Evolution of Environmental Protection – both in polish), as well as about sixty texts in the field of sustainable development, innovation and economic policy. Member of several scientific organizations, including the *European Association of Environmental and Resource Economists* (EAERE), Deputy Secretary of Forecasting Committee "Poland 2000 Plus" at the Polish Academy of Sciences and Secretary of the Polish Association for the Club of Rome.

**Main scientific interest:**

The main object of the research is the issue of sustainable development. The starting point was to show the impact of changes in the environment on human life. With the progress of research the interest moved to all three aspects of the concept that is an economic, social and environmental one, as a holistic approach seems to be more reasonable. The work is dominated by themes explored at the macro level. They are often analyzed in the long term, i.e. even decades.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054494  
e-mail: [konrad.prandecki@ierigz.waw.pl](mailto:konrad.prandecki@ierigz.waw.pl)*



**Prof. Włodzimierz Rembisz**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

Scientific research and education: Up to 2007 at Warsaw School of Economics, since then at University of Finance and Management in Warsaw and in the Institute of Agricultural and Food Economics – National Research Institute. Non-research involvements: Government`s Agency for Agricultural Markets; Private Agricultural Commodities Trade Company; Warsaw Board of Trade; Key Expert of the UE& UNDP Projects in many countries.

**Main scientific interest:**

The main domain: Agricultural Economics, Microeconomics, Mathematical Economics. The main subjects: the mechanism and sources of factors productivity change; mechanism of agricultural market; the sources of labour factor remunerations; market and policy impacts on the farm producers choices; the economics of agricultural policy, price risk management.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054495  
e-mail: [wrembisz@o2.pl](mailto:wrembisz@o2.pl); [rembisz@ierigz.waw.pl](mailto:rembisz@ierigz.waw.pl)*



## **Prof. Bernardo M. Telles de Sousa Reynolds Pacheco de Carvalho**

*University Tecnica de Lisboa CIAT – Centro Ag. Tropical/ Instituto Superior de Agronomia*

### **Main activities:**

- Ph.D in Agricultural and Applied Economics – University of Minnesota – USA – 1988.
- M.Sc. in Agricultural Economics – University of S. Paulo Brazil 1982.
- Agricultural Engineer – University of São Paulo-Brazil in 1979.
- Joined the Instituto Superior de Agronomia in 1982, as Assistant Professor in Tropical Agricultural Sector with responsibility for the Economic Development courses.
- Since 1993 Associate Professor at the University of Lisbon (Universidade Tecnica de Lisboa).
- Senior Professor for Tropical Agriculture and Development in the Tropics at the Instituto Superior de Agronomia/ UTL – Lisboa
- Economic Consultant for several Agri-business institutions, such as the World Bank, African Development Bank, several Foundations, and companies.
- Since 1989 economic consultant in Agri-Systems and Sustainable Development for the World Bank, starting in Brazil with a Livestock Evaluation Program in the North Region, including Legal Amazon.
- Since 1992 Economic consultant in Food Security and Development for the World Bank.
- Economic and Agri-systems consultant for the African Development Bank in 1996-1997.
- Consultant for several institutions and governments of CPLP countries (Community of the Portuguese Speaking Countries).
- Special attention was given to the creation and work of Food Security Agencies, such as ANSA – Agência Nacional de Segurança Alimentar de Cabo Verde/National Food Security Agency – since 2002, (which resulted from a Project of the World Bank in 1999/2000, with the leadership and main responsibility) and also, later on, ARFA – Agência de Regulação de Produtos Farmaceuticos e Alimentares de Cabo Verde/Regulatory Authority for Food and Drugs regulations, since 2007.
- Consultant for the SECPLP – Secretariado Executivo de Segurança Alimentar/ Executive Secretariat for CPLP, since 2008.
- Areas of special focus: Economic Development and International Trade/Cooperation, Tropical Agriculture and Agribusiness (Sustainable Development, Food Security and International Cooperation).
- Since 1999 coordinator of CIAT-CD – Center of Tropical Agronomy – Cooperation and Development (joint research center of the UTL – University of Lisbon and IICT – Instituto de Investigação Científica Tropical).
- Coordinator of REDISA/CPLP – Network for Food Security and Sustainable Development for CPLP community.

*University Tecnica de Lisboa, CIAT – Centro Ag. Tropical/Instituto Superior de Agronomia Tapada da Ajuda 1349-017 Lisboa, Portugal*  
*phone: 00 351213653574, 00 351917332256,*  
*e-mail: [bpacheco@isa.utl.pt](mailto:bpacheco@isa.utl.pt)*



**Prof. Franz Sinabell**

*Austrian Institute of Economic Research*

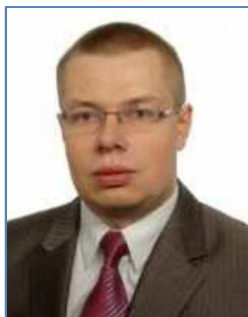
**Main activities:**

Senior researcher at WIFO, the Austrian Institute of Economic Research and lecturer at BOKU, the University of Natural Resources and Life Sciences, Vienna.

**Main scientific interest:**

agricultural economics, agricultural policy analysis, natural disaster analysis.

*Austrian Institute of Economic Research  
Arsenal Objekt 20, A-1030 Vienna, Austria  
phone: 0043 17982601481  
e-mail: [franz.sinabell@wifo.ac.at](mailto:franz.sinabell@wifo.ac.at)*



## **Michał Soliwoda, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

### **Main activities:**

Assistant Professor of IAFE-NRI (PhD in Economics – Warsaw University of Life Sciences-SGGW - 2012; Postgraduate Studies in Accounting and Financial Auditing, Warsaw University – 2012; MA in Finance and Accounting – Warsaw School of Economics, SGH - 2010; MSc in Food Technology and Human Nutrition – Warsaw University of Life Sciences-SGGW - 2009).

Co-Investigator in Two Research Tasks of Multi-Annual Programme 2015-2019 “Financial and fiscal factors in the improvement of efficiency, sustainability and competitiveness of the Polish agriculture”(tasks: “Subsidies versus economics, finances and incomes of farms” and “taxes, quasi-taxes, transfers and social and farm insurance, instruments of risk management in ensuring competitiveness, financial stability and social security in agriculture and rural areas”). Project Coordinator of International Visegrad Fund Standard Grant “The central-eastern EU model for competitive and sustainable agriculture and rural development” (2015-2016).

Principal Investigator, Intern-Researcher in the project entitled: *DAIRY-FIN-RISK-SYSTEM-development of a system of financial risk management in the chain of milk production and dairy processing* – Operating Programme "Human Capital", Priority VIII "Regional Human Resources", Measure 8.2 "Transfer of Knowledge" (2014).

Member of Reviewers' Committee of *International Journal of Economic Science* (publisher: International Institute of Social and Economic Sciences (IISES), Prague, the Czech Republic).

Co-authorship of expert's report for the Ministry of Agriculture and Rural Development in Poland.

### **Main scientific interest:**

Agricultural finance (incl. financial planning, capital structure, financial analysis of farms), rural finance, household finance, methodology of finance, agricultural policy, risk management.

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland  
phone: +48 225054638  
e-mail: [michal.soliwoda@ieirgz.waw.pl](mailto:michal.soliwoda@ieirgz.waw.pl)*



## **Iwona Szczepaniak, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

### **Main activities:**

Ph.D. in economics (IAFE-NRI, 2007);

Head of Food Industry Economics Department at the Institute of Agricultural and Food Economics – National Research Institute (from 2008);

Leadership of the task “Assessment of changes in competitiveness of Polish food producers on the common European market and on third country markets” within the Multi-Annual Programme "Economic and Social Factors Conditioning Polish Food Economy Development after Poland EU Accession" (IAFE-NRI, 2005-2009);

Leadership of the task “Monitoring of state of the competitiveness of Polish food producers” within the Multi-Annual Programme “The Competitiveness of the Polish Food Economics in Conditions of Globalisation and European Integration” (IAFE-NRI, 2011-2014);

Leadership of the task “Competitiveness of the Polish food producers and its determining factors” within the Multi-Annual Programme "Competitiveness of the Polish food economy in the conditions of globalization and European integration" (IAFE-NRI 2015-2019);

Leadership of the task “Transformation of the food industry in the light of globalisation and European integration processes. Theoretical and practical aspects” within the statutory activities of IAFE-NRI (from 2008).

### **Main scientific interest:**

- Food processing industry economics,
- Evaluation of competitiveness of Polish food producers,
- Determinants of competitiveness of Polish food sector,
- Foreign trade of agri-food products,
- Innovativeness of Polish food industry,
- Development of SMEs in Polish food industry.

*Institute of Agricultural and Food Economics – National Research Institute*

*20 Świętokrzyska St., 00-002 Warsaw, Poland*

*phone: +48 225054658*

*e-mail: [iwona.szczepaniak@ierigz.waw.pl](mailto:iwona.szczepaniak@ierigz.waw.pl)*



## **Mirza Uzunović**

*Faculty of Agriculture and Food Sciences*

### **Main activities:**

- Researcher at the Institute of Agriculture and Food Industry Economics,
- Teaching assistant at the Faculty of Agriculture and Food Sciences, University of Sarajevo, teaching modules Management in food industry, Quality management in food industry, Quality assurance systems in food industry,
- Vice president at “Green Choice” Association, nongovernmental organization with focus on improving and applying innovative, modern agricultural and food industry practices.

### **Main scientific interest:**

Econometric modelling in agriculture and food industry,  
Quality management in food industry,  
Quality Management Systems,  
Energy Efficiency in food industry.

*Faculty of Agriculture and Food Sciences*

*Zmaja od Bosne br. 8, 71000 Sarajevo, Bosnia and Herzegovina*

*phone: +387 33225727*

*e-mail: [m.uzunovic@ppf.unsa.ba](mailto:m.uzunovic@ppf.unsa.ba)*



## **Željko Vojinovic, PhD**

*University of Novi Sad*

### **Main activities:**

Graduate of University of Novi Sad, Finance and Insurance. PhD, professor at Independent University of Banja Luka, Bosnia i Hercegovina, (2008- ). Member of Nacional Bank of Serbia in the learning process and licensing intermediaries and insurance agents.

Docent at Faculty of Economics Subotica, (2015- ). Member of the three research projects. Author more than 100 papers published at national or international journals, participant more than 30 international conferences, author or co-author 8 monographs of scientific fields Finances and Insurance.

Member of the Editorial Board of Journal *Economics of Agriculture*, Serbia, *Svarog*, BiH, Banja Luka, one of the first category national, and the Journal *Aktuelnosti*, BiH, Banja Luka. Member of Serbian Association of Economists, member of Scientific Society of Agricultural Economists.

### **Main scientific interest:**

Finance and Insurance, Economic and Agricultural, Renewable Source of Energy, Rural Development, Socio-Economic Development, Risk Management and Analysis, Social and Economic Investments.

*University of Novi Sad Faculty of Economics Subotica, Department of Finance, Banking, Accounting and Auditinge.*

*Segedinski put 9-11, 24000 Subotica, Serbia,*

*phone: + 381 24628000, Fax: + 381 24546486*

*e-mail: [zeljko.vojinovic@ef.uns.ac](mailto:zeljko.vojinovic@ef.uns.ac)*





## **Wioletta Wrzaszcz, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

### **Main activities:**

- 2010-2012: the main research project manager: *Level of sustainability of the individual farms in Poland (on the basis of the FADN data)*;
- 2012-2013: the member of experts` team, that was responsible for the evaluation of agriculture sustainability in Poland on the basis of the Central Statistical Office data;
- from 2013: the member of team taking part in International 7 Framework Programme: *Farm-level Indictors for New Topics in Policy Evaluation (FLINT)*;
- from 2014: the reviewer of scientific USA journal: *Economics World*;
- 2015: the leader of experts` team preparing the opinion for the Ministry of the Environment (Department of Forestry and Nature Conservation) on reasons of limitation or ban on GMO plant cultivation in Poland;
- from 2016: the member of *OECD Network for Farm Level Analysis*.

### **Main scientific interest:**

- sustainable development of agricultural holdings, agriculture and rural areas,
- agrienvironmental practices,
- effect of agriculture on natural environment,
- productivity and efficiency of different agriculture forms and systems,
- ecological economics.

*Institute of Agricultural and Food Economics – National Research Institute  
Świętokrzyska 20 Street, 00-002 Warsaw, Poland*

*phone: +48 22 505 47 81*

*e-mail: [wioletta.wrzaszcz@ierigz.waw.pl](mailto:wioletta.wrzaszcz@ierigz.waw.pl)*



**Vasyl D. Zalizko, PhD**

*National Research Center „Institute of Agrarian Economy”, National Academy of Agrarian Sciences of Ukraine*

**Main activities:**

Estimation the level of development, environmental and economic security of rural territories with the use of contemporary social, economic, statistical and mathematical methods.

**Main scientific interest:**

Formation the patterns for elaboration of a development strategy for Ukrainian rural territories, taking into account the "centripetal" principle of its construction and the administrative impact represented as the formation of conditions for rural territories' self-development and also as state support, in particular, while integrating the key risks of traditional, "green" and "blue" economies and Blue Ocean Strategy.

*National Scientific Centre “Institute of Agrarian Economics”, Kyiv (Ukraine)  
str. Kyiv-Myrotska 104 b, ap.18, 08292 Bucha (Ukraine)  
tel. +380 684242427  
e-mail: [zwd@ukr.net](mailto:zwd@ukr.net)*



**Danuta Zawadzka, PhD**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Main activities:**

- Assistant Professor in the Market Research Department of the IAE-NRI.
- Author of more than 400 publications in field of meat market (hog and pork market, cattle and beef market, sheep and horse market).
- Member of the Expert Team for Forecasting of Agricultural Commodity Prices established by President of the Agricultural Market Agency.

**Main scientific interest:**

economic analysis of meat market. Current monitoring of the situation of meat market, analysis of the condition and development forecast of red meat market.

Hog and cattle cycles in Poland, USA, Germany, France, Denmark and other countries. Seasonal patterns in hog and cattle prices.

Development of the world meat market and its consequences for the domestic meat market

*Institute of Agricultural and Food Economics – National Research Institute  
20 Świętokrzyska St., 00-002 Warsaw, Poland*

*phone: +48 225054448.*

*e-mail: [danuta.zawadzka@ierigz.waw.pl](mailto:danuta.zawadzka@ierigz.waw.pl)*



**Prof. Józef Stanisław Zegar**

*Institute of Agricultural and Food Economics  
– National Research Institute*

**Position:**

- The Head of General Economic Department, IAFE-NRI (2003-present),
- The Member of Scientific Board, IAFE-NRI,
- Deputy Director of IAFE-NRI for scientific research (1980-1986),
- The Head of Agricultural Accountancy Department, IAFE-NRI (1980-1986).

**Scientific experience:**

- the co-author of the socially sustainable agriculture concept,
- multiple management of research teams and projects concerning farms` and agriculture sustainability (including theoretical aspects and empirical assessment),
- participation in e.g.: Prognosis Committee of Polish Academy of Sciences, Governmental Commission for Eco-development, Scientific Statistical Council of the Central Statistical Office,
- close cooperation with International Institute for Applied Systems Analysis in Austria,
- the member of experts` team preparing the opinion for the Ministry of Environment on reasons of limitation or ban on GMO plant cultivation in Poland (2015).

*Institute of Agricultural and Food Economics – National Research Institute  
Świętokrzyska 20 Street, 00-002 Warsaw, Poland  
phone: +48 22 505 45 49  
e-mail: [jozef.zegar@ierigz.waw.pl](mailto:jozef.zegar@ierigz.waw.pl)*

### **About the Institute**

The Institute of Agricultural and Food Economics – National Research Institute (IAFE-NRI) is a leading research centre in Poland in the field of sector-specific economic science. It was set up in 1983 by merging the Agricultural Economics Institute, which existed since 1950, and the Food Industry Economics and Organisation Institute, established in 1980. In October 2004, by virtue of a decision of the Council of Ministers, the Institute acquired the status of a national research institute, and since 1 January 2005 it has operated under the present name of the Institute of Agricultural and Food Economics – National Research Institute. The Institute represents an independent research centre supervised by the Minister of Agriculture and Rural Development.

The scientific research conducted at the IAFE-NRI is focussed on key issues in the field of economic, production and social situation of rural areas in Poland, agriculture, and broadly-understood food economy, including:

- the status and developmental prospects for food economy and its sectors,
- the conditions on the markets of basic agri-food products and means of production,
- the consequences of Poland's accession to the European Union for its agriculture, food industry and rural areas,
- the status of Polish food economy at the background of the EU,
- the competitiveness of the Polish food economy,
- the impact of globalisation processes on the development of agriculture and food industry,
- ownership and structural transformations in food economy and on rural areas,
- the regional development of rural areas,
- socio-demographic transformations of agricultural and rural populations,
- the subsistence level within society and the country's food security,

- the production and economic situation of agricultural holdings and companies operating in the food industry,
- the costs and profitability of producing basic agricultural goods.

The research is conducted under the Institute's statutory scientific activity, the Multi-Annual Programme, the FADN (Farm Accountancy Data Network) Liaison Agency, and national and international scientific and research projects.

The results of scientific and research studies and expert evaluations produced by the Institute are used in formulating the country's policies on agriculture and rural areas. They serve as a source of data on the functioning of the whole food economy in the EU environment, while also allowing the current monitoring of integration processes among different economic systems. They also constitute a significant contribution to the theoretical development of agricultural economics and integration.

### **Multi-Annual Program 2015-2019**

By virtue of the Resolution of the Council of Ministers of 10 February 2015, the next Multi-Annual Program entitled **“The Polish and the EU agricultures 2020+. Challenges, chances, threats, proposals”** will be implemented in the years 2015-2019 by IAFE-NRI. Being both horizontal and strategic in its assumptions, this program will allow us to define the transformation processes within the broadly understood agri-business as well as the advantages and threats connected with further development of agriculture and rural areas. It will constitute a source of rationale for supporting public policies in the decision-making process. The assumptions of the Program cover the strategic aims included in the EU policies and programs as well as the development strategies accepted by the Polish government.

The main aim of the Multi-Annual Program of 2015-2019 is to support governmental bodies, especially The Ministry of Agriculture and Rural Development in their monitoring of the socio-economic and organizational situation of the country as well as in planning, negotiating, analyzing, evaluating and implementing of the development policies concerning the Polish agriculture and rural areas. These actions should lead to growing competitiveness of the Polish agri-business until 2020 and beyond. The other aims of the research program are as follows: to define the general trends in the world economy, to define the sources of growth in agriculture, to examine the role of the agri-food sector, to assess chances and threats in development of farms and agricultural enterprises, to determine the mechanisms of overcoming the structural barriers to rural development, to examine the effects of innovations in the food economy, to define the position of farms and agricultural enterprises in meeting the challenges of climate change, to appraise the external effects and public goods in agriculture, to evaluate the efficiency and effectiveness of using financial transfers and the instruments of the CAP in structural transformation, establishing the competitive advantages and improvement of living and working conditions of rural inhabitants. The Multi-Annual Program **“The Polish and the EU agricultures 2020+. Challenges, chances, threats, proposals”** is divided into 8 topics and 27 research tasks which cover the main socio-

economic issues related to agri-business and rural areas at regional, national, EU and global level. It is a continuation of the previous research and analyses conducted by the IAFE-NRI, including also new issues which reflect changing economic environment and the evolution of the CAP.

These include:

**I. Impact of the general trends in the world economy on the development trends in the EU agriculture:**

- quantitative changes in the world economy;
- knowledge-based economy – challenges to the Polish agri-food sector and its adjustments.

**II. Social polarization versus economic stability in the development processes of agriculture and rural areas:**

- forming of socio-economic cohesion at the local and regional level;
- mechanisms leading to overcoming structural barriers in the development of family farms and rural areas;
- defining the rural and agricultural policies in the conditions of transformation of the rural economy.

**III. Factors determining the innovative activity in the agri-food sector:**

- evaluation of the innovations in the Polish agri-food sector;
- organizational conditions of the innovations in the Polish agri-food sector;
- regional strategies to encourage innovations in agriculture, food industry and rural areas.

**IV. Financial and fiscal factors in the improvement of efficiency, sustainability and competitiveness of the Polish agriculture:**

- fiscal mechanisms and stimuli having their influence on the rural development, returnable financing and quasi-marketable instruments for internalization of external effects in agriculture, the provision of public goods;
- subsidies versus economics, finances and incomes of farms;
- taxes, quasi-taxes, transfers and social and farm insurance, instruments of risk management in ensuring competitiveness, financial stability and social security in agriculture and rural areas.



#### **V. Dilemmas of the development of sustainable agriculture in Poland:**

- global and national conditions of the sustainable development of agriculture;
- economic assessment of external effects and public goods in agriculture;
- sustainable agriculture and food security.

#### **VI. Farms and agricultural enterprises in the face of climatic change and the changes in the agricultural policy:**

- challenges of globalization versus competitiveness of farms and agricultural enterprises in Poland;
- economic effects of adjustments and mitigating actions on farms and in agricultural enterprises in different natural and organizational conditions;
- efficiency of farms and agricultural enterprises;
- analysis of changes in profitability of the selected agricultural products;
- obstacles to modernization of farms and agricultural enterprises in the country against their competitiveness.

#### **VII. Development and the economic outlook for the agri-food markets:**

- developments in the world markets and their consequences for the domestic agri-food market;
- evaluations of the current situation in the basic agri-food markets in Poland against the background of the EU markets;
- competitiveness of the Polish food producers and its determining factors;
- structural transformations of the food industry in Poland and in the EU in the changing market environment.

#### **VIII. Sources of growth and the expected evolution of structures and the role of the agri-food sector until the year 2020 and beyond:**

- investments, efficiency and new technologies as the sources of economic growth in agriculture until and after 2020;
- market structures and prices in the food chain in the light of margin levels, its transparency, competitiveness and regulations;

- functioning and the role of the agri-food sector within the national economy (the model approach);
- developing the methodology for evaluation and monitoring of changes in the index of result for RDP 2014-2020, which is measured by a relation of gross value added to the annual work unit (GVA/AWU).

The programme's results are addressed to administrative bodies and government agencies, voivodeship and marshal offices, agricultural advisory centres, agricultural chambers, farmers' and processors' industry organisations, academic and university circles, agricultural schools, as well as all entities interested in the analysed issues. The results are included in the analysis of the Programme available free of charge on [www.ierigz.waw.pl](http://www.ierigz.waw.pl) and presented during the IAFE's conferences and seminars.

## **The publications of the IAFE-NRI**

The results of research and scientific studies are presented primarily in the IAFE's own publications. They are prepared in printed and electronic form under the following publishing series:

**Studies and Monographs** – periodical publications comprising syntheses of completed research, monographs, and scientific studies.

**Market Analyses** – reports which are published once or twice a year. They present an analysis of the condition of and development forecasts for, the basic markets for agricultural and food products (milk, meat, cereals, potatoes, sugar, rape, fruit and vegetables, fish, poultry and eggs, fodder, tobacco and alcoholic beverages), the market for the means of production and services for agriculture, the market for land, foreign trade, and food demand.

**Monographs of Multi-Annual Programme 2015 – 2019** – the results of the work conducted within particular tasks in the programme “The Polish and the EU agricultures 2020+. Challenges, chances, threats, proposals”. The monographs are available free of charge on the website [www.ierigz.waw.pl/publikacje](http://www.ierigz.waw.pl/publikacje).

**Press Reports Expertise** – periodical publications containing initial research findings.

**The Agricultural Market** – a monthly publication presenting the current monitoring of the situation in the basic agricultural markets for cereals, sugar, rape, potatoes, fruit and vegetables, milk, meat (beef, pork, and mutton), poultry and eggs, fish, food product market as a whole, and the market for the means of agricultural production and services. The bulletin is available free of charge on the website [www.ierigz.waw.pl/publikacje](http://www.ierigz.waw.pl/publikacje).

**The economic results of selected agricultural products** – yearly publications presenting the volume of production and costs in, and income from selected agricultural production activities in a given year.

**Problems of Agricultural Economics** – a quarterly journal, the subject matter of which concerns agricultural economics and food economy.

A list of the IAFE's publications is available on:

[www.ierigz.waw.pl/publikacje](http://www.ierigz.waw.pl/publikacje).



In 2015-2016 in the series of monographs of the Multiannual Programme was published following titles:

- Bodył M., Łopaciuk W., Rosiak E., Szajner P.: Sytuacja na światowym rynku zbóż, roślin oleistych, cukru i biopaliw oraz jej wpływ na krajowe rynki produktów roślinnych i możliwości ich rozwoju, seria „Monografie Programu Wieloletniego” nr 1, IERiGŻ-PIB, Warszawa, 2015.
- Dzwonkowski W., Rola K., Hanczakowska E., Niwińska B., Świątkiewicz S.: Raport o sytuacji na światowym rynku roślin GMO i możliwościach substytucji genetycznie zmodyfikowanej soi krajowymi roślinami białkowymi w aspekcie bilansu paszowego, seria „Monografie Programu Wieloletniego” nr 2, IERiGŻ-PIB, Warszawa, 2015.
- Wieliczko B., Kurdyś-Kujawska A.: Mechanizmy i impulsy fiskalne oddziałujące na rozwój wsi i rolnictwa (1), seria „Monografie Programu Wieloletniego” nr 3, IERiGŻ-PIB, Warszawa, 2015.
- Wieliczko B., Kurdyś-Kujawska A.: Mechanisms and impulses influencing development of agriculture and rural areas (1), series „Monographs of Multi-Annual Programme” no 3.1, IAFE-NRI, Warsaw 2015.
- Góral J., Kambo K., Kulawik J., Osuch D., Płonka R., Poczta-Wajda A., Soliwoda M., Wąs A.: Subsydia a ekonomika, finanse i dochody gospodarstw rolniczych (1), seria „Monografie Programu Wieloletniego” nr 4, IERiGŻ-PIB, Warszawa, 2015.
- Góral J., Kambo K., Kulawik J., Osuch D., Płonka R., Poczta-Wajda A., Soliwoda M., Wąs A.: Subsidies versus economics, finances and income of farms (1), series „Monographs of Multi-Annual Programme” no 4.1, IAFE-NRI, Warsaw 2015.
- Pawłowska-Tyszko J., Soliwoda M., Pieńkowska-Kamieniecka S., Walczak D.: Stan obecny i perspektywy rozwoju systemu podatkowego i ubezpieczeniowego polskiego rolnictwa, seria „Monografie Programu Wieloletniego” nr 5, IERiGŻ-PIB, Warszawa, 2015.

- Pawłowska-Tyszko J., Soliwoda M., Pieńkowska-Kamieniecka S., Walczak D.: Current status and prospects of development of the tax system and insurance scheme of the Polish agriculture, series „Monographs of Multi-Annual Programme” no 5.1, IAFE-NRI, Warsaw 2015.
- Krzyżanowski J., Wrzaszcz W., Zegar J. St.: Z badań nad rolnictwem społecznie zrównoważonym (31), seria „Monografie Programu Wieloletniego” nr 6, IERiGŻ-PIB, Warszawa, 2015.
- Prandeki K., Gajos E., Buks J.: Z badań nad rolnictwem społecznie zrównoważonym (32). Efekty zewnętrzne i dobra wspólne w rolnictwie - identyfikacja problemu, seria „Monografie Programu Wieloletniego” nr 7, IERiGŻ-PIB, Warszawa, 2015.
- Bezat-Jarzębowska A., Rembisz W.: Wprowadzenie do analizy inwestycji, produktywności, efektywności i zmian technicznych w rolnictwie, seria „Monografie Programu Wieloletniego” nr 8, IERiGŻ-PIB, Warszawa, 2015.
- Sielska A., Kuszewski T., Pawłowska A., Bocian M.: Wpływ polityki rolnej na kształtowanie się wartości dodanej, seria „Monografie Programu Wieloletniego” nr 9, IERiGŻ-PIB, Warszawa, 2015.
- Wybrane aspekty innowacyjności w sektorze rolno-spożywczym, red. nauk. Sz. Figiel, seria „Monografie Programu Wieloletniego” nr 10, IERiGŻ-PIB, Warszawa, 2015.
- Ambroziak Ł., Bednarz J., Bułkowska M., Kawecka-Wyrzykowska E., Szczepaniak I., Tereszczuk M.: Konkurencyjność polskich producentów żywności i jej determinanty (1), seria „Monografie Programu Wieloletniego” nr 11, IERiGŻ-PIB, Warszawa, 2015.
- Bułkowska M., Chechelski P., Drożdż D., Judzińska A., Morkis G., Mroczek R., Tereszczuk M.: Przemiany strukturalne przemysłu spożywczego w Polsce i UE na tle wybranych elementów otoczenia zewnętrznego, seria „Monografie Programu Wieloletniego” nr 12, IERiGŻ-PIB, Warszawa, 2015.
- Firlej K., Hamulczuk M., Kozłowski W., Kufel J., Piwowar A., Stańko St.: Struktury rynku i kierunki ich zmian w łańcuchu marketingowym żywności w Polsce i na świecie, seria „Monografie Programu Wieloletniego” nr 13, IERiGŻ-PIB, Warszawa, 2015.

- Bańkowska K., Gruda M., Klimkowski C.: Ocena wybranych elementów unijnej polityki rolnej, seria „Monografie Programu Wieloletniego” nr 14, IERiGŻ-PIB, Warszawa, 2015.
- Kołodziejczyk D., Gospodarowicz M., Lidke D., Miś T., Raftowicz-Filipkiewicz M., Łabędzki H., Struś M.: Wieloaspektowe ujęcie problemu spójności obszarów wiejskich na poziomie lokalnym i regionalnym w dotychczas realizowanych i planowanych strategiach rozwoju, seria „Monografie Programu Wieloletniego” nr 15, IERiGŻ-PIB, Warszawa, 2015.
- Przedsiębiorstwo i gospodarstwo rolne wobec zmian klimatu i polityki rolnej (1), red. W. Józwiak, seria „Monografie Programu Wieloletniego” nr 16, IERiGŻ-PIB, Warszawa, 2015.
- Nosecka B., Dybowski G.: Globalne megatrendy a wzrost gospodarczy i rozwój oparty na wiedzy - sektor żywnościowy, seria „Monografie Programu Wieloletniego” nr 17, IERiGŻ-PIB, Warszawa, 2015.
- Kierunki przeobrażeń strukturalnych oraz uwarunkowania rozwoju rolnictwa i obszarów wiejskich, red. nauk. A. Sikorska, seria „Monografie Programu Wieloletniego” nr 18, IERiGŻ-PIB, Warszawa, 2015.
- Gulbicka B., Kwasek M., Obiedzińska A.: Z badań nad rolnictwem społecznie zrównoważonym (33), seria „Monografie Programu Wieloletniego” nr 19, IERiGŻ-PIB, Warszawa, 2015.
- Kwasek K., Prandecki K., Zegar J. St.: From the research on socially-sustainable agriculture (34), series „Monographs of Multi-Annual Programme” no 20.1, IAFE-NRI, Warsaw 2015.
- Abramczuk Ł., Augustyńska-Grzymek I., Czułowska M., Jabłoński K., Józwiak W., Skarżyńska A., Zieliński M., Ziętara W., Żekało M.: Polish agricultural holdings towards climate change and agricultural policy - baseline analysis, series „Monographs of Multi-Annual Programme” no 21.1, IAFE-NRI, Warsaw 2015.
- Rembisz W.: Identyfikacja procesów wzrostowych w sektorze rolno-spożywczym, seria „Monografie Programu Wieloletniego” nr 22.1, IERiGŻ-PIB, Warszawa, 2015.

- **Ekonomia versus środowisko - konkurencyjność czy komplementarność.** Economy versus the environment - competitiveness or complementarity, red. A. Kowalski, M. Wigier, B. Wieliczko, seria „Monografie Programu Wieloletniego” nr 23, IERiGŻ-PIB, Warszawa, 2016.

All publications in this series are available for free at [www.ierigz.waw.pl](http://www.ierigz.waw.pl)

