

International Conference

Economy versus the environment – competitiveness or complementarity

**23-25 November 2015 r., Hotel Windsor in Jachranka,
Poland**

The Conference will start a scientific research conducted in the new **Multi-Annual Program 2019 – 2020 “The Polish and the EU agricultures 2020+. Challenges, chances, threats, proposals”**.

The aims of the conference are not only horizontal and strategic but also make it possible to define the transformation processes within the broadly understood agri-business as well as the advantages and threats involved in further development of agriculture and rural areas. The issues discussed during the conference will support the decision-making processes regarding public policies.

Conference organizer:

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

Scientific Committee

Prof. Andrzej Kowalski (IAFE-NRI)

Prof. Alina Sikorska (IAFE-NRI)

Prof. Szczepan Figiel (IAFE-NRI)

Prof. Wojciech Józwiak (IAFE-NRI)

Prof. Jacek Kulawik (IAFE-NRI)

Prof. Józef Zegar (IAFE-NRI)

Prof. Włodzimierz Rembisz (IAFE-NRI)

Piotr Szajner, PhD (IAFE-NRI)

Marek Wigier, PhD (IAFE-NRI)

Organising Committee

Joanna Buks (IAFE-NRI)

Joanna Korczak (IAFE-NRI)

Krzysztof Kossakowski (IAFE-NRI)

Prof. Andrzej Kowalski (IAFE-NRI)

Małgorzata Mikołajczyk (IAFE-NRI)

Lech Parzuchowski (IAFE-NRI)

Ewa Sierakowska (IAFE-NRI)

Leszek Ślipski (IAFE-NRI)

Marek Wigier, PhD (IAFE-NRI)

Conference presentations

Economy and agriculture versus the natural environment

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

4‰ – the soil for food security and climate

Jean-Louis Buër, Counsellor for Agriculture, the Embassy of France (France)

Sovereignty, Food Security and Sustainable Development: Environmental and Economic Challenges

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

The Dutch agriculture – selected issues

Ing. Martijn Homan, Counsellor for Agriculture, the Embassy of Netherlands (Netherland)

Environmental expenditures and innovations versus economic development

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

Mitigation strategies of negative climate change in the case of the Czech agriculture

Prof. Tomáš Doucha, dr Marie Trantinová, Institute of Agricultural Economics and Information (Czech Republic)

The impact of the agri-environmental programmes as policy instruments on the value added of Polish agricultural holdings

Dr Agata Sielska, Aleksandra Pawłowska, Institute of Agricultural and Food Economics – National Research Institute (Poland)

Economic incentives in agri-environmental payments – re-interpretation of WTO requirements

Dr Gerald Schwarz, Johann Heinrich von Thünen-Institut Bundesforschungsinstitut für Ländliche Räume, Wald und Fischerei Institut für Betriebswirtschaft (Germany)

An assessment of the structural effects of reducing air pollution from livestock farming in Hungary

Dr Norbert Potori, Research Institute of Agricultural Economics – AKI (Hungary)

Probable climate change in Poland and the situation of farms on soils of low water capacity

Prof. Wojciech Józwiak, prof. Wojciech Ziętara, Institute of Agricultural and Food Economics – National Research Institute (Poland)

The CAP 2004-2013 direct payment scheme's impact on sustainability of agriculture in Lithuania

Dr Artiom Volkov, dr Jolanta Drozd, Lithuanian Institute of Agrarian Economics (Lithuania)

Anticipated changes in the innovation activities of farmers in 2014-2020

Prof. Dimitre Nikolov, Institute of Agricultural Economics (IAE) (Republic of Bulgaria)

Economic and social preconditions of development in the Czech rural areas: acceleration of global influence and local changes

Prof. Věra Majerová, Czech University of Life Sciences Prague (Czech Republic)

Priorities of sustainable development of agriculture and rural areas within the region of Eastern Serbia

Prof. Jonel Subić, dr Marko Jeločnik, Institute of Agricultural Economics (Republic of Serbia)

Economics of an agricultural holding versus the natural environment

Dr Wioletta Wrzaszcz, Institute of Agricultural and Food Economics – National Research Institute (Poland)

Optimal to functional cooperative institutions in the Romanian agriculture

Prof. Gabriel Popescu, dr Adriana Agapie Bucharest University of Economic Studies

Internalisation of externalities in agriculture

Dr Barbara Wieliczko, Institute of Agricultural and Food Economics – National Research Institute (Poland)

Animal and vegetable waste development in agricultural, food processing and households of the EU

Dr Štefan Buday, ing. Ivan Masár, National Agricultural and Food Centre – Research Institute of Agricultural and Food Economics (Slovak Republic)

Possibilities of substituting genetically modified soybean with domestic protein crops in the aspect of fodder balance

Dr Piotr Szajner, Wiesław Dzwonkowski, Institute of Agricultural and Food Economics – National Research Institute (Poland)

Romanian conventional and organic farming – opportunities and obstacles

Prof. Marius Voicilas, dr Camelia Gavrilescu, Romanian Academy – Institute of Agricultural Economics (Romania)

Reforms in agriculture: Republic of Moldova case study

Dr Ion Certan, International Relationship Institute of Moldova
(Republic of Moldova)

Ukrainian agricultural products competitiveness on European market in time of financial challenges

Prof. Sergey Nikolaevych Kvasha, Sergey Grygoryev,
National Scientific Centre „Institute of Agrarian Economics of Ukraine” (Ukraine)

The status quo and current problems of agricultural development in Belarus

Prof. Anatoli Semenovich Saiganov, dr Aliaksandr Kazakevich, Institute of System Research for the Agroindustrial Business of the National Academy of Sciences of Belarus (Republic of Belarus)

Impact of economics and agriculture over the environmental protection

Dr Teodora Stoeva, Agricultural University of Plovdiv (Bulgaria)

The following part of the brochure presents profiles of speakers and authors of materials prepared for publication in alphabetical order.



Agapie Adriana, PhD

Bucharest University of Economic Studies

Main activities:

Associated professor Agapie Adriana works at the UNESCO Department of Business Administration , Bucharest University of Economic Studies. She holds the Habilitation in Economics and it is PhD supervisor within the Agri-Food and Environmental Doctoral School, is PhD Cum laudae in Economics with the Romanian Academy and works as a scientific researcher at the Institute of Economic Forecasting and graduated the Faculty of Mathematics, from the Bucharest University. Also, is a reviewer for the Romanian Journal of Economic Forecasting and the International Journal of Analytic Hierarchy Processes.

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

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Institute of Economic Forecasting, Bucharest, Romania

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Jean-Louis Buër

Embassy of the French Republic in Poland

Main activities:

Agricultural Counsellor in the Embassy of the French Republic in Poland since September 2015;

General Director of the French Institute for Protected Denominations of Origin (INAO) 2009-2012;

General Director of the Department for technical high schools, professional training centres and agronomical and veterinary universities in the French ministry of agriculture 2006-2009;

General Inspector in the audit and monitoring office of the French ministry of agriculture 2012-2015;

Deputy General Director of the National French Interprofessional Office for Wine products 1997-2001

Cabinet Counsellor to several ministers of agriculture 2004-2006

Agricultural Counsellor in the French Embassy in Russia 1994-1997

Deputy General Director of the regional council of Picardy 2001-2004

Main scientific interest:

Agronomy

Vine and wine production

Rural development

Education policies

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Ion Certan, PhD

International Relationship Institute of Moldova

Main activities:

- Independent consultant on rural development and finance issues,
- Post-Doctoral researcher,
- Senior Lecturer Moldova Institute of International Relationship, Business & Administration Department,
- National consultant on rural finance component within World bank's Rural Investment and Services Project,
- Banker, expert in lending activities.

Main scientific interest:

- Development. Local systems of production
- Rural development
- Economics of innovation
- EU economic integration
- Financial system management
- Social Inclusion and access to finance
- Foreign Investments Management
- International Business

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Prof. Drago Cvijanović
University of Kragujevac

Main activities:

More than 80 times member or a president of the commission for defence of degree essays, M.A. theses and PhD theses and more than 65 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 55 projects. Published as author or co-authored more than 400 papers delivered at national and international conferences and published in national and international journals. He published as author or co-authored over 40 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 INFARMATION", Bor, Serbia.

Member of the Balkan Environmental Association (B.EN.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.

Main scientific interest:

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

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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.

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Jolanta Drozd, PhD

*Head of Agricultural Policy and Foreign Trade
Division
Lithuanian Institute of Agrarian Economics*

Main activities:

- National coordination of international projects under the EU 6th and 7th Framework Programmes. At the moment I hold responsibility for the implementation of EU 7th FP project AGRICISTRATE (Exploring the Potential for Agricultural and Biomass Trade in the Commonwealth of Independent States).
- Cooperation with the Lithuanian Ministry of Agriculture on implementation and improvement of the EU Common Agricultural Policy, national support schemes for farmers, etc.
- Analysis of the EU International Trade Policy, trade monitoring, market search for the Lithuanian agricultural and food products.
- Exploration of the Agricultural Policy and International Trade Policy issues in Eastern neighbouring countries (Russia, Ukraine, Belarus, etc.) and other countries outside the EU (USA, Japan, etc.).

Main scientific interest:

Competitiveness of agricultural and food products on international markets, analysis of foreign trade, structure of international markets, trade policies all over the world, EU Trade Policy and Common Agricultural Policy issues, etc.

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Prof. Szczepan Figiel

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

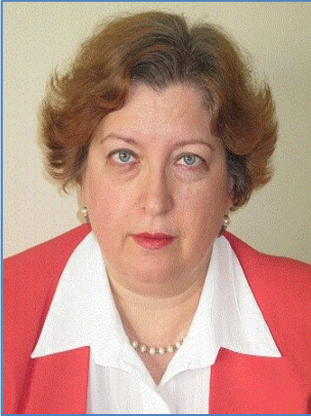
Main activities:

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.

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Camelia-Anisoara Gavrilesku, 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.

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Sergey Grygoryev

Postgraduate student at National University of Life and Environmental Sciences of Ukraine

Main activities:

Ph.D thesis Poultry industry forming and functioning.

Main scientific interest:

Global economy, poultry meat and sub product markets

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Ing. Martijn Homan

Embassy of the Kingdom of the Netherlands

Main activities:

Since September 2014 Mr. Martijn Homan is Agricultural Counsellor at the Embassy of the Kingdom of the Netherlands in Poland. Besides Poland, he is also accredited in Slovakia, Hungary and Austria. He studied Agricultural Economics at Wageningen University.

The activities of the agricultural office in Warsaw can be divided basically in 3 fields: informing, facilitating and positioning. In these entire fields the work touches also upon politics, business, research and civil society. Within the field of “informing”, we do inform Dutch stakeholders about agricultural developments in Poland and accredited countries. Within the field of “facilitating” we initiate and trigger bilateral and mutual cooperation between the Netherlands and other accredited countries. As to the last field, “positioning”, our role is to explain our position regarding agro-political developments, agricultural policies and business developments. Also this includes promotion of Dutch initiatives/approaches on fairs and conferences.

Main scientific interest:

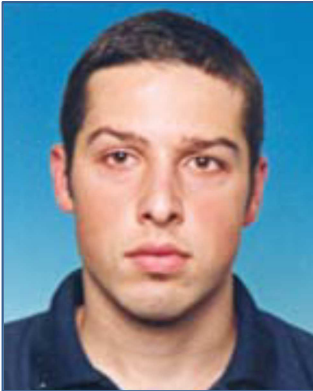
In the Netherlands, cooperation between industry, knowledge institutes and the government, the so called golden triangle, is a central concept. It is the starting point of the current policy approach focusing on top sectors. Bottlenecks and opportunities can be taken up more effectively if there is good interaction between industry, knowledge institutes and the government. As Agricultural department at the Embassy of the Kingdom of the Netherlands, we are part of this triangle and interested in strengthening the connections within this golden triangle (focussing on agriculture and food). For instance via a seminar which we organized last September: Connecting Science and Industry in Poland, during which a cooperation agreement between Wageningen UR and 3 Polish research institutes was signed.

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Marko Jeločnik

Institute of Agricultural Economics (IAE)

Main activities:

He works as Research Assistant at the Institute of Agricultural Economics (IAE) - Belgrade, Republic of Serbia, within the sector for scientific-research work. Currently he is involved into the realization of the project: III 46006 - Sustainable agriculture and rural development in function of achieving strategic goals of Republic of Serbia within Danube region, funded by the Ministry of Education, Science and Technical Development of Republic of Serbia, for the project period 2011-2015. Also, he is a member of research team involved in realization of the project: Techno-economic aspects of renewable energy and mobile robotic solar electric generators use in agriculture, funded by the Ministry of Agriculture and Environmental Protection of the Republic of Serbia, for the project period 2015.

Main scientific interest:

He is mainly oriented to the next scientific issues: rural development, strategic planning of the rural local communities and agro-economics. He is author/co-author at over 75 bibliographic units and he was member of the research teams at many national and international projects.

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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.

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Aliaksandr Kazakevich, PhD

*The Institute of System Researches in
Agroindustrial Complex of NAS of Belarus*

Main activities:

Chief of the sector of farms.

Main scientific interest:

development of rational systems of organisation and functioning of farms and private subsidiary plots; improvement of the mechanism of government support for small business entities; foundation of effective models of farms and private subsidiary plots functioning; development of cooperation of small business entities.

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Olga Khodakivska, PhD

National Scientific Center "Institute of Agrarian Economy"

Main activities:

Developing proposals for the completion of land reform and the forming the agricultural land market in Ukraine. Developing the directions of efficient use of agricultural land, rational and environmentally oriented land use. Organic farming.

Main scientific interest:

Land relations. Ecologization of agrarian production and agricultural land use. Organic farming. Environmental economics and sustainable development agrosphere.

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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 Economics; 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.

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.

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Prof. Sergey Nikolaevych Kvasha

*National Academy of Agrarian Sciences of Ukraine,
National Scientific Centre “Institute of Agrarian
Economics of Ukraine”*

Main activities:

- First Vice-Director of National Scientific Centre “Institute of Agrarian Economics of Ukraine”.

Scientific Researches:

- Food Security and development of Ukrainian agrifood trade,
- Regulatory Policy at the internal agrifood markets,
- Export potential and Import dependency.

Education:

- PhD students and post-doc advising,
- Master Course of “Agricultural policy”,
- Post-graduate education for Public administration.

Law:

- Land Law Development,
- Food Security Law Implementation,
- Agriculture and Market Regulations Law creation.

Public:

- Advising for Government and NGO, FAO.

Main scientific interest:

- Agricultural policy,
- Factors of agrarian reforms,
- Markets and trade.

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Prof. Yuriy Lupenko

National Scientific Center "Institute of Agrarian Economy"

Main activities:

Directs the activities of NSC "IAE". Main research activities are in the fields economics of agroindustrial production, agrarian policy and reformation.

Main scientific interest:

Financial relations and Accounting, Logistical support of the agrarian sphere, Agrarian management and entrepreneurship, The development of rural areas and village social sphere, Institutional problems of the development of the agrarian sphere, Environmental economics and sustainable development agrosphere.

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Prof. Věra Majerová

Czech University of Life Sciences Prague (CULS)

Main activities:

Teaching of Rural Sociology, Methods and Techniques of Sociological Research. Guarantee of study program Regional and Social development of Rural Areas. Professor of Department of Humanities, member of scientific bodies (Scientific board of Economic faculty in České Budějovice and Board of Sociological Institute in Prague, member of steering committee of European Society for rural sociology 2011 – 2013). Editorial boards: Acta Universitatis Bohemiae Meridionales, Acta Scientiarum Polonorum – Oeconomia, Journal of Polish Agricultural Universities.

Main scientific interest:

Sociology, rural and agricultural sociology, methodology of social research, socio-economic and gender analysis, social and cultural capital, regional and social development.

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Ing. Ivan Masár

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

Main activities:

- Contemporary external and internal factors affecting Slovakian corn market. In: IAMO Forum 2008. Conference Proceedings. Agri-Food Business: Global Challenges-Innovative Solutions. Halle, Germany, 25.-27. June 2008. Halle: IAMO, 2008, p. 6, tables 8, graphs 1, lit. 2. (CD).
- Monitoring of Agricultural Policy Implementation in Slovak Republic in years 2005-2007. Study within project AgriPolicy, October 2008.
- Masár, I. – Masár, D.: Bread and grain foods consumption development in Slovakia. The EU Support for 2007–2013: New Challenges and Innovations for Agriculture and Food Industry, Vilnius, Lithuania, May 27-29, 2009.
- An Assessment of the Competitiveness of the Dairy Food Chain in Slovak Republic. Study 1 within project AgriPolicy, February 2009.
- Analysis of Renewable Energy and its Impact on Rural Development in Slovak Republic. Study 2 within project AgriPolicy, November 2009.
- Božík, M. - Uhrinčatová, E. - Masár, I. - Zvalo, D. - Štulrajter, Z. - Varoščák, J.: Analysis and Outlook of CAP Reform Impacts after 2013. Study No. 167/2010. VÚEPP Bratislava.
- Božík, M. - Uhrinčatová, E. - Masár, I. - Štulrajter, Z.: Public Sources Interactions and Achieved Benefits of Agricultural Sector in Regions of Slovakia. Research Report, VÚEPP Bratislava, 2011.
- Buday, S. – Masár, I.: Social and Economic Assumptions of Employment Increase in Fruit and Vegetable Sector of Slovakia. In: Economic, social and institutional factors in the growth of agri-food sector in Europe. Study No. 67.1, 2013, Institute of Agricultural and Food Economics – National Research Institute, Warszawa.
- Masár, I.: Waste situation in agriculture and food industry of the EU-27 countries. Economics of Agriculture 1/2012, Research Institute of Agricultural and Food Economics.
- Masár, I.: Reasons of fruit production decline in Slovakia. Economics of Agriculture 3/2013.
- Németh, S. – Masár, I.: Fruit Production and Trade Comparison in Hungary and Slovakia. Economics of Agriculture 4/2014.
- Masár, I. – Masár, D.: Human consumption analysis of vegetable oils in Slovakia. Economics of Agriculture 2/2015.

Main scientific interest:

Production, consumption, trade and price development of selected agricultural products (e. g. milk and milk products, grains, vegetable oils, fruit and vegetables, pigs), food waste, renewable energy sources of agricultural origin and rural development.

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Prof. Dimitre Nikolov

Institute of Agricultural Economics (IAE)

Main activities:

- Director, Associate 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).
- 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 (2009-2014)

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)

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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.
- Since 2008 consultant for the SECPLP – Secretariado Executivo de Segurança Alimentar/ Executive Secretariat for CPLP.
- 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.

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Aleksandra Pawłowska

*Institute of Agricultural and Food Economics
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Main activities:

Employment: Mathematics Application in Agricultural Economics
Department of IAFE-NRI

Main scientific interest:

Application of multivariate statistical methods in the agricultural economics, mainly in the analysis of value added and labour productivity in agriculture

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Prof. Gabriel Popescu

Bucharest University of Economic Studies

Main activities:

Professor Gabriel Popescu is Director Department of Agro-Food and Environmental Economics, Bucharest University of Economic Studies, Romania, and PhD mentor. He has a wide experience as a trainer, project manager, research team leader in national/international programs, as: Project manager for "Support Services in Agriculture" with World Bank/Academy of Economic Studies; Assistance for the SME during 2002-2003, with the World Bank and County Agency for Employment Giurgiu; Research team leader within "Creating Support Cooperation between the University Business Incubator Giurgiu and University Business Incubator Ruse." 2004-2005, Ministry of European Integration; Research team leader within "Promote Regional Convergence: The Enhancement of Scientific Networks in Rural Development," Ministry of Education and Research/Agricultural Economics Research Institute of the Romanian Academy, partner – Centre for Research, Analysis, and Regional Policy, Academy of Economic Studies, 2006-2008; and Project Manager for National Partner I within "Programs Postdoctoral Research at the Forefront of Excellence in the IST and Developing Products and Processes," 2007-2013, with National Research Institute – Development for Textile and Leather. During March-May 2012, he was Advisor of State in the Prime Minister working staff for Economic Affairs, Government of Romania, and from 2010-present is Director, Postdoctoral School "Knowledge Transfer Economy in Environment and Sustainable Development." Gabriel Popescu is Associate Editor, *International Journal of Sustainable Economies Management* (USA), 2008-present; he is Expert ARACIS, quality assessment in higher education, teaching and research in higher education, and since 2009, is national expert in the panel of world experts of the highest level, nominated by HLPE/CFS, Food and Agriculture Organization of the United Nations. He has earned few awards: Nicholas Georgescu Roegen Diploma for scientific research activities in national or international projects, Academy of Economic Studies, April 2005; Diploma for substantial personal contribution to the establishment of BRIE, as a unique format of cross-border cooperation in South-Eastern Europe, from the University Anghel Canchev Ruse, Bulgaria, May 9, 2003; Diploma of excellence for professional and scientific activity and prodigious contributions to the affirmation of the economic school from the Academy of Economic Studies, March 2003; Diploma of Honor, Academy of Economic Studies, March 2003; Awards for outstanding work in the Bucharest Academy of Economic Studies 1977, 1978. His scientific activity includes 56 research projects, 134 studies and articles, and 22 books, treatises, and manuals.

Main scientific interest:

Common Agricultural Policies, Cooperation in Agriculture, Knowledge Transfer Economy in Environment and Sustainable Development

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Norbert A. Potori, PhD

*Hungarian Research Institute of Agricultural
Economics - AKI*

Main activities:

*Head of the AKI Directorate of Agricultural and Rural Development Policy,
supervisor of research teams carrying out CAP impact assessments,
a grain market analyst*

Main scientific interest:

Agricultural policies, grain value chains, commodity futures trading

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Prof. Jonel Subić

Institute of Agricultural Economics

Main activities:

He is employed at the scientific-research Institute of Agricultural Economics (IAE) - Belgrade, Republic of Serbia, as a director. He possesses a scientific title of Senior Research Associate and Associate Professor. Currently he is involved as a project leader into the realization of integral and interdisciplinary project: III 46006 - Sustainable agriculture and rural development in function of achieving strategic goals of Republic of Serbia within Danube region, funded by the Ministry of Education, Science and Technical Development of Republic of Serbia, for the project period 2011-2015. Also, he is a leader of IAE research team involved in realization of the project: Techno-economic aspects of renewable energy and mobile robotic solar electric generators use in agriculture, funded by the Ministry of Agriculture and Environmental Protection of the Republic of Serbia, for the project period 2015. He established fruitful cooperation between IAE and many scientific - research and educational institutions within the country and abroad, where his special contribution could be visible in cooperation of IAE with institutions from EU countries, such as: Poland, Romania, Austria, France and Hungary.

Main scientific interest:

He is professionally oriented to issues from the field of economy and agro-economy, with particular emphasis on the economic efficiency of investments. Part of his scientific - research activities he directed to strategic planning, before all to creation of strategic documents of socio-economic development of local communities, as well as establishment of strategic documents related to sustainable development of agriculture and rural development within the local communities. In creation of mentioned documents he is involved in several thematic areas, but primary sphere of its research work are the investment. As the author/co-author, he published more than 150 bibliographic units (among them, 7 monographs - 3 with international and 4 with national importance), quoted in national and foreign scientific and professional literature. Also, as an author/co-author, he has published more than 15 bibliographic units indexed in the ISI Thomson Reuters list, which are quoted in national and foreign literature. He was engaged in scientific- research work on many national and international projects, as project manager, manager of the research team, professional and technical coordinator, or member of the research team.

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Piotr Szajner, PhD

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Main activities:

Doctor of economic sciences in IAFE-NRI. Since 2013 r. the head of Market Research Department in IAFE-NRI. Head of the research topic: "Monitoring of agri-food markets under changing economic conditions" in the Multi-Annual Programme 2011-2014 "Competitiveness of the Polish food economy in the conditions of globalization and European integration". Cooperation with The Austrian Society of Agricultural Economics and The Swiss Society for Agricultural Economics and Rural Sociology. Since 2009 r. participation in the work of The High Level Expert Group on Milk established by the European Commission.

Main scientific interest:

His research interests are related to the market economy, evolution of the food market structure, market research in agri-food sector at the all stages of marketing chain, including particularly the milk and sugar market. Analysis of foreign trade in agri-food products in the context of the international competitiveness of Polish food sector. The issue of volatility and price transmission at different stages of the marketing chain. The evolution of agricultural policy, in particular in terms of market regulations and foreign trade.

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Yuriy Trokoz

National University of Life and Environmental Sciences of Ukraine

Main activities:

Postgraduate of National University of Life and Environmental Sciences of Ukraine

Main scientific interest:

Directions of the enhancement of the competitiveness of the agricultural sector in the process of functioning of FTA with the EU.

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Monica Mihaela Tudor, PhD

Romanian Academy – Institute of Agricultural Economics

Main activities:

Participation in the research tasks in the fields of rural development. Evaluation and effective utilisation of domestic and international literature and statistical data in the fields of sustainable development of rural areas and sustainable use of rural resources. Monitoring and analysis of socio-economic situation of rural areas, research of rural development, rural employment issues.

Main scientific interest:

Rural development, land ownership and land use, entrepreneurship, human capital.

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Assoc. prof. Dan-Marius Voicilas, PhD
Romanian Academy – Institute of Agricultural Economics

Main activities:

Research at Romanian Academy-Institute of Agricultural Economics (Senior researcher)

Advisory work at Romanian Parliament (Parliamentary advisor)

Teaching at Hyperion University from Bucharest (Associate professor)

Main scientific interest:

Macroeconomic analysis, Investment efficiency, Rural and regional development

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Artiom Volkov, PhD candidate

Researcher/ PhD Student

Lithuanian Institute of Agrarian Economics

Main activities:

- Cooperation with the Ministry of Agriculture on proposals for regulation, implementation and improvement of the common agricultural policy.
- The analysis of the indicators of agricultural operations and budget, the accounting of cost and revenue, agricultural market analysis and data processing
- Analysis, evaluation and submission of proposals for the EU and national legislation relating to agriculture and food regulation.
- Examination of institutions related to agricultural policy; development of recommendations for their restructuring, performance improvement, optimization, and regulation.

Main scientific interest:

Performance of the methodological and statistical analysis of the EU and national support measures – farm performance analysis, development of econometric models, processing and evaluation of social research results, providing suggestions and methods for support measures' implementation. Preparation of analytical and research reports, publication of scientific articles, etc.

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Barbara Wieliczko, PhD

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

Main activities:

Assistant professor in Agricultural Finance Department of IAFE-NRI.
Research concerning agricultural policy and its impact on agricultural sector and the whole national economy
Fiscal policy vs. agriculture
Changes in the economy of rural areas

Main scientific interest:

Impact of the CAP and other state agricultural policies and policy instruments on the situation in agriculture
Analysis of rural development policies
Assessment of the effects of agricultural subsidies
Analysis of transmission of fiscal and monetary impulses to agriculture

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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.

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.

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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 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, and fodder), the market for the means of production and services for agriculture, the market for land, foreign trade, and food demand.

Analysis of the production and economic situation of agriculture and food economy – a yearly publication presenting and assessing the production-related and economic situation in agriculture and in the remaining segments of the food economy in a given year.

Publications of the Multiannual 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.

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.

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.

