

# ESEE 2017 CONFERENCE DETAILED SESSION PROGRAMME

Tuesday, July 4, 2017

Session Title **EXTENSION ORGANISATION - REORGANISATION 1**

Session Type **Paper Presentation**

Room **Pythagoras; Tuesday, July 4 | 16:00-17:30**

Chair **Josef Kania**

- **It is Nice to Get a (Advisory) Package**  
*Zdravko Tusek, Hrvoje Horvat, Milan Husnjak, Matija Cabrajec, Vedrana Kustek, Letizia Antonella Vukorep*
- **"Hope Project (HP)" as a Strategy for Knowledge Management in the Agricultural Parcels of Fars Province, Iran**  
*Arman Bakhshi-Jahromi, Hamid-Reza Ebrahimi, Afsaneh Dirin-SamimiFard*
- **Factors Affecting Adoption of Pressurized Irrigation Technology among Olive Farms, Iran**  
*Mohammad Sadegh Allahyari, Nima Nejadrezaei, Mina Sadeghzadeh, Anastasios Michailidis*
- **Green Extension for Green Agriculture**  
*Tayfun Çukur*

Session Title **PARTICIPATORY APPROACHES AND PRACTICES 1**

Session Type **Paper Presentation**

Room **Socrates; Tuesday, July 4 | 16:00-17:30**

Chair **Andrea Knierim**

- **Can We Strategically Manage Multistakeholder Innovation Processes in Agriculture? Insights from Case Studies in Burkina Faso**  
*Aurelie Toillier, Eveline Compaore, Kola Prosper*
- **How Do Farmers and Financial Management Advisors Engage? Findings from a Case Study in the New Zealand Dairy Sector**  
*Aniek E.W.M. Hilkens, Janet I. Reid, Laurens W.A. Klerkx, David I. Gray*
- **Problem Formulation, Problem Characteristics and a Need for Competence - Case Studies of Advisory Services in Norway**  
*Gunn-Turid Kvam, Bjørn Gunnar Hansen, Egil Petter Stræte*
- **Co-design and Sustainable Development at the Heart of the Evolution of the Agricultural Extension System in Tunisia**  
*Najwa AlAadrah*

Wednesday, July 5, 2017

Session Title **EXTENSION ORGANISATION - REORGANISATION 2**

Session Type **Paper Presentation**

Room **Pythagoras; Wednesday, July 5 | 09:00-10:30**

Chair **Josef Kania**

- **Extending Extension Education: New Roles for Agricultural Extension Services in Changing Societies and Economies**  
*Milan Slavík, M. Rolls*
- **Evaluating Extension Systems Using a Systems Approach: A Comparative Study in Greece, Italy and Slovenia**  
*Evangelos D. Lioutas, Chrysanthi Charatsari, Majda Černič Istenič, Marcello De Rosa, Giuseppe La Rocca*
- **Problems at Farm Extension and Advisory System in Armenia**  
*Gagik Sardaryan, Sona Telunts, Vardan Aghbalyan, Vahe Mambreyan*
- **The Experiences of the Transforming Extension Training in Hungary**  
*József Kozári, Krisztina Tóth, Attila Németh, András Vér*

Session Title **PARTICIPATORY APPROACHES AND PRACTICES 2**

Session Type **Paper Presentation**

Room **Socrates; Wednesday, July 5 | 09:00-10:30**

Chair **Andrea Knierim**

- **Integrating Co-innovation into Research Translation: Developing a Stakeholder-driven Methodology**  
*Julie Ingram, Pete Gaskell, Jane Mills, Janet Dwyer, Pieter de Wolf*
- **Who Do Farmers Talk to? How Farmer to Farmer Social Interactions Shaped Dairy Farmers' Responses to Water Quality Interventions**  
*Heather Collins, Dave Gray, Janet Reid, Nicola Shadbolt, Liz Dooley*
- **Farmer Responsibility and Researcher Learning: Two Sides of the Same Coin? Reflecting on Five Years of Involvement in Farmer Participatory Experimentation. A Case Study from Tigray, Northern Ethiopia**  
*Richard G. Kraaijvanger*

Session Title **EXTENSION & ENVIROMENTAL ISSUES 1**

Session Type **Paper Presentation**

Room **Democritus; Wednesday, July 5 | 09:00-10:30**

Chair **Orhan Özcatılbas**

- **Investigating the Role of the National Agricultural Extension and Research Liaison Service (NAERLS) in Promoting Organic Farming in Nigeria**  
*Ezinne Merianchris Emeana, Liz Trenchard, Katharina Dehnen-Schmutz, Siraj Shaikh*
- **Impact of Communication Interventions on Farmers' Ecological Knowledge: A Study on Tomato Farmers' Knowledge Regarding Leafminer Moth Pest Ecology in the West of Iran**  
*Esmail Karamidehkordi, Sajad Ahmadi*
- **Modeling the Factors Influencing the Village Officials' Participation in Rural Environmental Protection in Northern Iran**  
*Mehdi Alikhani Dadoukolaei, Mehdi Charmchian Langerodi, Mohammad Chizari, Heydar Ahangari*

- **The Role of Agricultural Extension and Agricultural Education for Sustainability**  
*Orhan Özcatalbas, Muhammad Imran, Gülcin Gurkan, Hanife Durmuş, Tuğba Unlu*

Session Title **UPGRADING & UPSKILLING OF EXTENSION SYSTEMS 1**

Session Type **Paper Presentation**

Room **Theophrastus; Wednesday, July 5 | 09:00-10:30**

Chair **Laurens Klerkx**

- **Images and Metaphors as Tools in Communication between Advisors and Farmers**  
*Egil Petter Stræte, Bjørn Gunnar Hansen, Gunn-Turid Kvam*
- **“Didactic Intervention”: A Concept to Enable Advisors’ Collectives in Developing Skills to Support a Transition towards Agroecology**  
*Marianne Cerf, Paul Olry*
- **Professional and Personal Transformation of Extension Workers through Nonformal Agricultural Education Reform**  
*Esbern Friis-Hansen, Edward Taylor, Deborah Duveskog*
- **Capacity for Change: The Common Framework on Capacity Development for Agricultural Innovation Systems**  
*Delgermaa Chuluunbaatar, Christian Grovermann, Karin Nichterlein*

Session Title **EXTENSION ORGANISATION - REORGANISATION 3**

Session Type **Paper Presentation**

Room **Pythagoras; Wednesday, July 5 | 11:00-12:30**

Chair **Artur Cristóvão**

- **Is the Agricultural Extension System in Kingdom of Saudi Arabia Needs to Be Reformed?**  
*Bander M. Alsaghan, Ahmed M. Diab*
- **Case Study: What Characterizes a Successful Advisor Visit?**  
*Bjørn Gunnar Hansen, Gunn-Turid Kvam, Egil Petter Stræte*
- **The Impact of Recent Changes in Turkey’s Extension System on Agricultural Sector with Respect to 2023 Vision**  
*Fahri Yavuz, M. Sharif Shiwan*
- **The Role of Agricultural Extension towards Water Conflicts in the Catchment Area of Urmia Lake, Iran**  
*Maryam Shariatzadeh, Masoud Bijani, Negin Fallah Haghghi, Saeed Jiyani Rajabpoor*

Session Title **PARTICIPATORY APPROACHES AND PRACTICES 3**

Session Type **Paper Presentation**

Room **Socrates; Wednesday, July 5 | 11:00-12:30**

Chair **Monica Gorman**

- **Integrating Research and Practice through Knowledge Exchange: a National Agricultural Business Improvement Programme**  
*E. Smith, L. Petrakas, E. Holdsworth, R. Meredith, P. Dolbear, P. Hill, H. Henderson, J. Stafford, G. Dick, T. Isaac*
- **Effecting Change on Farm through Farmer Action Groups: Reducing the Use of**

### **Antibiotic Medicines on Dairy Farms**

*Sarah L. Bolt, Lisa Morgans, Lisa van Dijk, Kristen K. Reyher, Henry Buller, David C.J. Main*

- **How to Strengthen Innovation Support Services in European Rural Areas: Lessons Learnt from AgriSpin**  
*G. Faure, A. Knierim, A. Koutsouris, T. Ndah S, S. Audouin, E. Zarokosta, E. Wielinga, B. Triomphe, S. Mathé, L. Temple, K. Heanue*
- **Enabling Practice-driven Innovation in the Animal Production Sector**  
*L. van Dijk, H.J. Buller, L.K. MacAllister, P.E. Baker, M. Mul, F. Neijenhuis, M. Plomp, A. Wichman, J. Yngvesson, D. Temple, J. Žák, J. Jozefová, J. Stokes, C.A. Weeks, D.C.J. Main*

Session Title **EXTENSION & ENVIROMENTAL ISSUES 2**

Session Type **Paper Presentation**

Room **Democritus; Wednesday, July 5 | 11:00-12:30**

Chair **Orhan Özcatılbas**

- **Building Resilience for Sustainable Food Production through Agricultural Conservation Practices in Anambra State, Nigeria: Implications for Agricultural Extension Services**  
*Ifeoma Q. Anugwa, Agwu E. Agwu, Audrey R. Ezeh*
- **Water Conflict Crisis in Iran's Agriculture: A New Intervention for Agricultural Extension System**  
*Masoud Bijani, Dariush Hayati*
- **Analysis of Lock-in Mechanisms: A Case Study on Rice Integrated Pest Management (IPM) in Cambodia**  
*Rica Joy Flor, Kry Chhay, Vichet Sorn, Harro Maat, Buyung Hadi*
- **A Multidisciplinary Perspective on Climate Change Interventions: Critical Analysis of Climate Change Interventions from a Non-Extension Perspective**  
*Sarah Cardey, Grady Walker, Ros Cornforth, Galine Yanon*

Session Title **UPGRADING & UPSKILLING OF EXTENSION SYSTEMS 2**

Session Type **Paper Presentation**

Room **Theophrastus; Wednesday, July 5 | 11:00-12:30**

Chair **Laurens Klerkx**

- **Putting New Wine in Old Bottles: Utilizing an Immersive International Experience to Develop an Interdisciplinary Extension Program in Food Systems**  
*Tracy Irani, Liz Felter, Shuyang Qu, Timur Momol, Esen Momol, Gail Hansen*
- **Using Mixed Methodology in Assessing Community Needs**  
*Suzanna Windon, Amy Elhadi, Deborah Lewis*
- **Training as Part of the Capacity Building Ladder in Australian Agriculture**  
*Dominie Wright, Ann Grand, Bill MacLeod, Lynette K Abbott*
- **Transformative Learning Through the Development of a Competency-Based Climate Education Program for U.S. County Extension Agents**  
*William G. Hubbard, Dan Geller*

Session Title **EXTENSION ORGANISATION - REORGANISATION 4**

Session Type **Paper Presentation**

Room **Pythagoras; Wednesday, July 5 | 13:00-14:30**

Chair **Artur Cristóvão**

- **Evaluation of Forestry Programming Following the Reorganization of the North Carolina, USA Cooperative Extension Service**  
*Robert E. Bardon, Dennis W. Hazel*
- **Revitalizing Agricultural Extension in Ontario, Canada: Past, Present and Future Perspectives**  
*Steven Roche, Bronwynne Wilton, Elin Gwyn*
- **Hard to Reach Farmers in Ireland – Who Are They and Why Are They Hard to Reach?**  
*Jim Kinsella*

Session Title **EXTENSION AND ENTREPRENEURSHIP**

Session Type **Paper Presentation**

Room **Socrates; Wednesday, July 5 | 13:00-14:30**

Chair **Chrysanthi Charatsari**

- **Developing Alternative Food Networks: What Strengthens Farmers' Willingness to Participate in Short Food Supply Chains?**  
*Chrysanthi Charatsari, Fotis Kitsios, Amalia Stafyla, Evangelos D. Lioutas*
- **Sustainable Community Development through Innovative Entrepreneurial Actions**  
*E. Vergos, H. Shabanaj*
- **Performance of Emerging Service Delivery Agri-enterprises in Supporting Entrepreneurial Dairy Producers – An Exploratory Case Study of a Youth-led Extension Business Model in Kenya**  
*Catherine W. Kilelu, Jan van der Lee, KMPD-SNV-Kenya*
- **Decision Making Styles of Farmers: A Case Study of Vegetable Producers in Turkey**  
*Nur Ilkay Abaci, Kürşat Demiryürek*

Session Title **NEGOTIATING PERCEPTIONS FOR SUSTAINABLE CHANGE – THE POWER OF VISUAL LEARNING**

Session Type **Round Table Discussion**

Room **Democritus; Wednesday, July 5 | 13:00-14:30**

Chair **Elske van de Fliert**

- **Visual Methods as Options for Communication, Knowledge Exchange and Negotiating Perceptions for Sustainable Change**  
*Loes Witteveen*
- **The Digital Farmer Field School**  
*Loes Witteveen, Rico Lie, Margriet Goris, Verina Ingram*
- **Movie Making as Praxis: Raising Critical Consciousness in the Anthropocene**  
*Grady Walker*

- **Establishing Capacity for Visual Learning towards Sustainable Development – Transdisciplinary Collaboration in Mongolia**  
*Elske van de Fliert, B.Munkhbat, Loes Witteveen*

Session Title **WOMEN AND EXTENSION EDUCATION**

Session Type **Paper Presentation**

Room **Theophrastus; Wednesday, July 5 | 13:00-14:30**

Chair **Maria Partalidou**

- **Information Needs and Information Seeking Behaviour of Rural Women on Household Food Security Issues in Bayelsa State, Nigeria**  
*Ifeoma Q. Anugwa, Agwu E. Agwu*
- **How Agricultural Advisory Services Can Improve Engagement with Farm Women**  
*Aisling Molloy, Monica Gorman, Jane Kavanagh*
- **Women Entrepreneurship in Agriculture and Young Farmer Project: Turkish Case**  
*Mucahit Paksoy, Nida Celik*

Friday, July 7, 2017

Session Title **SPACE FOR AGRICULTURAL INNOVATION – THE AGRISPIN PROJECT**

Session Type **Round Table Discussion**

Room **Pythagoras; Friday, July 7 | 09:00-10:30**

Chair **Alex Koutsouris**

**Participants** Andrea Knierim, Tom Kelly, Aurelie Toillier, Eelke Wielinga

Session Title **EDUCATION FOR SUSTAINABLE AGRICULTURE**

Session Type **Paper Presentation**

Room **Socrates; Friday, July 7 | 09:00-10:30**

Chair **Michael Kügler**

- **The Role of Education in Boosting Transition towards Quality and Sustainable Agriculture**  
*Luca Bartoli, Marcello De Rosa, Elisa Maini, Renato Salvatore*
- **Is the Current Educational Landscape Suited for Agroecology?**  
*Lies Debruyne, Laure Triste, Fleur Marchand*
- **CECRA - Certificate for European Consultants in Rural Areas. IALBs Rural Advisory Methods Trainings Expand throughout Europe. An Innovation Story**  
*Pablo Asensio*

Session Title **PARTICIPATORY APPROACHES AND PRACTICES 4**

Session Type **Paper Presentation**

Room **Democritus; Friday, July 7 | 09:00-10:30**

Chair **Monica Gorman**

- **Opportunities and Challenges of Participatory Approaches in Enhancing Agrobiodiversity**  
*Adanella Rossi, Simona D'Amico, Riccardo Bocci, Gianluca Brunori, Gea Galluzzi*
- **Use of Participatory Extension Approach to Establish WAAPP - BUK Value Chain Innovation Platforms (VCIPs) for Sustainable Agriculture in Nigeria**  
*A. Abdullahi, A.U. Yusuf*
- **From Information Systems to Innovation Networks in Extension**  
*Kürşat Demiryürek*

Session Title **EXTENSION & INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs) 1**

Session Type **Paper Presentation**

Room **Theophrastus; Friday, July 7 | 09:00-10:30**

Chair **Peter Parea**

- **Agricultural Education and Extension in the Age of Big Data**  
*Katarzyna Kosior*
- **Working out of Interactive Consulting Systems for Implementation of Innovation**  
*Tetyana Kalna-Dubinyuk*
- **How to Integrate Open Data with Local Knowledge in Co-designed ICT Solutions?**  
*Mariateresa Lazzaro, Peter Parea, Diego Guidotti, Panagiota Koltsida, Paolo Barberi, Eleni Toli*
- **Extension Experts' Use and Perception of ICT-based Knowledge Platforms: Case from South Wollo, Ethiopia**  
*Fanos Mekonnen Birke, Andrea Knierim, Mamusha Lemma*

Session Title **ADVISOR QUALIFICATION - WHICH COMPETENCES DO RURAL ADVISORS AND INNOVATION MANAGERS NEED TODAY?**

Session Type **Round Table Discussion**

Room **Pythagoras; Friday, July 7 | 11:00-12:30**

Chair **Pablo Asensio**

**Participants** Tom Kelly, Michael Kügler, Eelke Wielinga

Session Title **AGRICULTURAL EDUCATION 1**

Session Type **Paper Presentation**

Room **Socrates; Friday, July 7 | 11:00-12:30**

Chair **Jim Kinsella**

- **Characteristics of Agricultural Competence-based Educator**  
*Mahsa Saadvandi, Enayat Abbasi, Homayoun Farhadian, Kiumars Zarafshani*
- **The Need of Change in Education of Agricultural Advisors in Hungary**  
*András Vér, Attila Németh, László Gulyás, Krisztina Tóth, József Kozári*
- **Teagasc Education Strategic Vision Project**  
*Tony Pettit, Frank Murphy, James Maher, Tom Kelly*

- **The Landscape of Creation and Facilitation of Dairy Sheep-Farmers' Discussion Groups in Stables in Karditsa, Greece**  
*Eleni Zarokosta, Alex Koutsouris*

Session Title **MONITORING AND EVALUATION**

Session Type **Paper Presentation**

Room **Democritus; Friday, July 7 | 11:00-12:30**

Chair **Jeff Coutts**

- **Catching a Moving Feast – Monitoring and Evaluation of Extension with Multiple Players and Complex Contexts**  
*Jeff Coutts, Neels Botha*
- **The Impact of Knowledge Transfer on Farm Level Margins during the Economic Recession**  
*A. Cawley, C. O'Donoghue, K. Heanue, R. Hilliard, M. Sheehan*
- **Investigating Features of Chain-wide Sustainability Initiatives Favouring Sustainable Development in Flemish Agriculture**  
*L. Triste, J. Vandenabeele, I. Coteur, H. Cooreman, F. Marchand*
- **Assessing the Links between Advisory Services and the Sustainability of Farms**  
*Beatriz Herrera, Maria Gerster-Bentaya, Irene Tzouramani, Andrea Knierim*
- **Evaluation of Medium-Long Term Effects of Innovation Interventions in Rural Development Programmes: the Use of FADN**  
*Simona Cristiano, Patrizia Proietti*

Session Title **EXTENSION & INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs) 2**

Session Type **Paper Presentation**

Room **Theophrastus; Friday, July 7 | 11:00-12:30**

Chair **George Vlahos**

- **A Conceptual Educational Framework for Residents of Faraway Regions by Using a Collaborative Inquiry (CI)**  
*K. Arvanitis, X. Dragotis, D. Papachristos, V. Kavvadias*
- **Adoption of the Agricultural Decision Support System CropSAT in Extension: Incentives and Needs**  
*Christina Lundström, Jessica Lindblom, Magnus Ljung*
- **Challenges and Opportunities of Online Advisory Services for Dairy Goat Farmers in Northern Norway**  
*Anders I. Mørch, Ingvill Thomassen, André V. Hvidsten*

Session Title **MULTI ACTOR APPROACH: A KEY DEVICE FOR SPEEDING UP INNOVATION**

Session Type **Round Table Discussion**

Room **Pythagoras; Friday, July 7 | 13:00-14:30**

Chair **Simona Cristiano, Patrizia Proietti**

**Participants** Riccardo Bocci, Lisa van Dijk, Eelke Wielinga, Michael Kuegler



Session Title **AGRICULTURAL EDUCATION 2**

Session Type **Paper Presentation**

Room **Socrates; Friday, July 7 | 13:00-14:30**

Chair **Jim Kinsella**

- **Fishers' SeaofSkills through an E-learning Platform**  
*N. Nikitakos, V. Unal, T. Dincer, A. Deidun, M. Falzon, D. Papachristos, P. Stavroulakis, A. Gordoia, M. Katechi*
- **Strengthening On-Farm Research in Upper Secondary Agricultural Education in Germany**  
*S. Scholz, R. Bloch, U. Knuth, A. M. Häring*
- **Entering the Occupational Category of 'Farmer': New Pathways through Professional Agricultural Education in Ireland**  
*Justine Deming, Áine Macken-Walsh, Bernadette O'Brien, James Kinsella*
- **Perception of Agricultural Advisory Companies' Educators Regarding the Importance of Professional Competencies in Training Process in Iran**  
*Alireza Norozi, Enayat Abbasi, Hassan Sadighi*

Session Title **EXTENSION & INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs) 3**

Session Type **Paper Presentation**

Room **Democritus; Friday, July 7 | 13:00-14:30**

Chair **George Vlahos**

- **Tuning up a Method for an Appropriate Introduction of the New Paradigm of Sustainable Agriculture Management Inducted by the Innovative High Technology Farming**  
*Fausta Fabbri, Stefania Lombardo, Alessandra Gemmiti, Annamaria Vignini, Daniele Sarri, Luigi Corvo, Marco Vieri*
- **Using Local Radio and Podcasts for Agricultural Extension in the West of Ireland**  
*Monica Gorman, Owen Keogh, Pat Clarke, Peter Leonard*
- **Online Learning Networks for Rural Extension**  
*Gavin Beaver*
- **Increasing the Employability of Agriculture Graduates through the Development of Eal Industry Technology Learning Systems: Examining a Case Study in an Online Farm Mapping System (PA Source)**  
*Amy Cosby, Mark Trotter, Ben Jones, Tina Botwright Acuna, Wendy Fasso, Sue Gregory*

Session Title **BUILDING EVIDENCE, INFORMING POLICY – MAKING A CASE FOR INCLUSIVE RURAL COMMUNICATION SERVICES**

Session Type **Round Table Discussion**

Room **Theophrastus; Friday, July 7 | 13:00-14:30**

Chair **Elske van de Fliert**

- **Towards Inclusive Rural Communication Services – Building Evidence**  
*Elske van de Fliert*
- **Towards Inclusive Rural Communication Services – Informing Policy**

*Mario Acunzo*

- **A Perspective of Anticipation, Reflexivity, Inclusion and Responsiveness to Study the Sustainability and Impact of Communicative Interventions. Learning from the GRI-RC Study**

*Loes Witteveen, Sarah Cardey*

- **Assessing Changes in Rural Communication Services for Nomadic Herders in Mongolia**

*Rico Lie, Oleg Nicetic, Elske van de Fliert*