



Food and Agriculture  
Organization of the  
United Nations

SUSTAINABLE  
DEVELOPMENT  
GOALS

working for Zero Hunger

3-5 APRIL 2018

# 2<sup>ND</sup> FAO INTERNATIONAL SYMPOSIUM ON AGROECOLOGY SCALING UP AGROECOLOGY TO ACHIEVE THE SDGs

## OPENING PLENARY



### **JOSÉ GRAZIANO DA SILVA**

Food and Agriculture Organization (FAO)

*Director General*

José Graziano da Silva has worked on food security, rural development, and agriculture issues for over 30 years, most notably as the architect of Brazil's Zero Hunger (Fome Zero) programme and now as the Director-General of FAO. Graziano da Silva led the team that designed the Zero Hunger programme, and, in 2003, was charged by then-President Luiz Inácio Lula da Silva to implement the programme as Special Minister of Food Security and the Fight against Hunger. He headed the FAO Regional Office for Latin America and the Caribbean from 2006 to 2011. Elected Director-General of FAO, he took up office on 1 January 2012. After his first term from 1 January 2012 to 31 July 2015, Graziano da Silva was re-elected for a second 4 year-term with the votes of 177 countries during FAO's 39th Conference.

Graziano da Silva holds a Bachelor's Degree in Agronomy and a Master's Degree in Rural Economics and Sociology from the University of São Paulo, and a PhD in Economic Sciences from the State University of Campinas. He also has post-Doctorate Degrees in Latin American Studies (University College of London) and Environmental Studies (University of California, Santa Cruz).



### **MR. GILBERT F. HOUNGBO**

International Fund for Agricultural Development (IFAD)

*President*

Mr. Gilbert F. Hougbo became the sixth President of the International Fund for Agricultural Development (IFAD) on 1 April 2017. Born and raised in rural Togo, Hougbo has spent more than 30 years working to improve the lives of some of the world's most vulnerable people, with extensive experience in political affairs, international development, diplomacy and financial management.

Prior to his appointment as IFAD President, Hougbo was the Deputy Director-General of the International Labour Organization (ILO) where he led field operations in more than 100 countries and managed its bilateral and multilateral partnerships. He served as Prime Minister of the Republic of Togo from 2008 to 2012, where he introduced economic reforms and enhanced the rule of law and civil liberties. Mr. Gilbert F. Hougbo has a "Maîtrise en gestion des entreprises" from the University of Lomé, Togo, and a "Diplôme d'Etudes Supérieures Spécialisées" in Specialised Accounting from the University of Québec, Canada. He is a member of the Canadian Institute of Chartered Professional Accountants.



## MR. STÉPHANE LE FOLL

**French Parliament**

*Member*

Mr. Stéphane Le Foll is currently a French Parliament Member since May 2017. Previously, he served as Minister of Agriculture, where he developed several initiatives on sustainable agriculture and the revitalization of rural areas. Previously, he was appointed in various Governmental positions. Mr. Stéphane Le Foll holds a BTS in transformation, distribution and commercialization of agricultural products and a Master in Economy from the University of Nantes.



## MR. FRANÇOIS PYTHOUD

**FAO Committee of Agriculture**

*Chairperson*

Mr François Pythoud has been appointed as Chairperson of FAO's Committee of Agriculture from October 2016. Previously, he served as Permanent Representative of Switzerland to Rome-based agencies. Mr François Pythoud has worked extensively in biodiversity and agriculture related topics, both in Research and Government. He holds a PhD and a bachelor's in Biology from the University of Fribourg.

## SPEAKERS



## DAVID AMUDAVI

**Biovision Africa Trust (BvAT)**

*Executive Director*

David M. Amudavi is the Executive Director of Biovision Africa Trust (BvAT), a not-for-profit Trust, based in the International Centre of Insect Physiology & Ecology (ICIPE) in Nairobi, Kenya. He oversees the Farmer Communication Programme in supporting knowledge management and dissemination of information on ecologically sustainable agriculture. He coordinates the African Union-led Ecological Organic Agriculture (EOA) Initiative for Africa. Formerly, David Amudavi was a senior lecturer in the Department of Agricultural Education and Extension, Egerton University, Njoro.

David Amudavi holds a Ph.D. in Adult and Extension Education with minors in Developmental Sociology and Natural Resource Management (NRM) from Cornell University, New York, USA. He did his MSc in Agricultural Science in the University of Melbourne, Australia.

David Amudavi is a member of the World Board of the IFOAM International Organics.



## BEATRICE AYURU

**Lira Integrated School**

*Founder*

Beatrice Ayuru founded the Lira Integrated School located in the Northern Region of Uganda in 2000. As the first female University graduate from her family, she had a strong vision of building a school to combat illiteracy, eradicate poverty, and fight for girls' rights. So she began to grow and sell cassava. She then used the profits to buy and rent out wheelbarrows to local workers, reinvested her profits in a canteen, and then used those profits as collateral to build the Lira Integrated Nursery, Primary and Secondary School. The school is funded, in part, by agricultural and aquaculture ventures that teach entrepreneurship skills to students and members of the Lira community. The school provides nursery, primary, secondary, vocational, and agricultural educations to over 1 500 students.



## SALVATORE BASILE

**International Network of Eco Regions (IN.N.E.R.)**

*President*

Salvatore Basile is President of the International Network of Eco Regions (IN.N.E.R.) and General Secretary of the bio-district Cilento, an region in Southern Italy. He is an agronomist and expert in sustainable management of territories and creation of local networks. In 2004, he codified the bio-district model, starting from the "Cilento" territory experience. He is also responsible for planning scientific activities in more than 20 international projects and he is an expert on organic farming, agroecology and social farming. Salvatore Basile is author of *The various approaches in the different countries and Healthy Growth - full case report on Cilento Bio-district - Italy*.



## LUIZ BEDUSCHI

**Food and Agriculture Organization (FAO)**

*Policy officer – FAO Regional Office for Latin America and the Caribbean*

Luiz Beduschi is a policy officer at FAO's Regional Office for Latin America and the Caribbean. He graduated as an agronomist and obtained a Ph.D. in Environmental Sciences. He worked as an associate professor at University of São Paulo (School of Arts, Sciences and Humanities and Graduate Program on Environmental Sciences). He joined FAO in 2016 as Policy Officer in Territorial Development for Latin America and the Caribbean where he coordinates the sustainable rural development program of work.



## MILLION BELAY

**Alliance for Food Sovereignty for Africa (AFSA)**

*Coordinator*

Million Belay coordinates the Alliance for Food Sovereignty for Africa, a broad alliance of different civil society actors promoting food sovereignty and agroecology in Africa. Million is a founder of the Movement for Ecological Learning and Community Action (MELCA) in Ethiopia. It is an, an NGO working for a healthy ecosystem, vibrant culture and improved lives of communities in Ethiopia through developing and spreading innovative methods and supporting local people to an understanding and appreciation of traditional ecological knowledge.

For the last two decades, Million Belay has been working on the issues of intergenerational learning of bio-cultural diversity, sustainable agriculture, the right of local communities for seed and food sovereignty and forest issues. He holds a PhD in environmental learning.



## RACHEL BEZNER KERR

**Cornell University**

*Associate professor*

Rachel Bezner Kerr is an associate professor in Development Sociology at Cornell University. She is a development sociologist with a background in environmental science, anthropology and international development. For the past 18 years, she has worked with the Soils, Food and Healthy Communities organization in Malawi doing participatory research on agroecological methods to address food security and nutrition. They have worked with over 10 000 farmers in northern and central Malawi and have published evidence of improved food security, nutrition, livelihoods and sustainable land management.

Rachel Bezner Kerr is a co-Principal Investigator in the Singida Nutrition and Agroecology Project in Tanzania, working with 500 farming households alongside Action Aid Tanzania and Nelson Mandela African Institute for Science and Technology (NMAIST).

She was recently appointed to be a member of the High Level Panel of Experts of the UN Committee on World Food Security (CFS), Project Team for the report on *Agroecological approaches and other innovations for sustainable agriculture & food systems that enhance food security & nutrition*.



## **FABIO BRESCACIN**

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**Natura Si**

*President*

Fabio Brescacin is the President of EcorNaturasì, an organic products distribution chain in Italy. He graduated as an Agronomist from the University of Padua and he attended the Emerson College, in Sussex, United Kingdom, for a year. During his studies, Fabio Brescacin visited several organic farms in both the United Kingdom, Austria and Italy.

Back in Italy, he founded a cooperative with a group of friends that became one of the first organic food stores in Italy. The difficulties in obtaining the necessary products for sell made him shift his interest in developing a specialized distribution chain for organic products. In 1987, he was among the founders of Gea, a distribution company that afterwards became Ecor S.p.A.

Eventually, it became EcorNaturasì, the largest distributor of organic and biodynamic products exclusively dedicated to specialist retail in Italy.



## **CLAYTON CAMPANHOLA**

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**Food and Agriculture Organization (FAO)**

*Strategic Program leader*

Clayton Campanhola is the Strategic Programme leader for Sustainable Agriculture since 2015. He holds a Bachelor's degree in Agronomy and a Master of Science in Nuclear Energy applied to Agriculture from Sao Paulo University (Brazil). Clayton Campanhola did his PhD in Entomology at the Texas A&M University (USA), and his Post-doctorate in Economic Development and Environment at the University of Campinas (Brazil). He has a wide experience as a scientific researcher in Plant Protection and in Economics and Environment, particularly on environmental impact assessment of agriculture.

He has occupied the posts as Director General of the Embrapa's (Brazilian Agriculture Research Corporation) National Research Center on Monitoring and Evaluation of Environmental Impact of Agriculture for 8 years. Clayton Campanhola was then selected President of Embrapa for 2 years, Director of ABDI (Brazilian Agency for Industrial Development) for 5 years and Director of the Plant Production and Protection Division in FAO for over two years.



## **JEFFREY CAMPBELL**

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**Food and Agriculture Organization (FAO)**

*Forest and Farm Facility manager*

Jeffrey Campbell works as the Manager of the Forest and Farm Facility (FFF) at FAO in Rome. Born and raised in India, Campbell is a US citizen with over two decades of experience in community forestry, rural development and philanthropy. Before joining FAO, he worked at the Christensen Fund as Director of Grant Making and at the Ford Foundation in India, Nepal, Indonesia and New York as Program Officer, Senior Program Officer and Deputy Director (1991-2008).



## HARRY DAVID COOPER

### Convention on Biological Diversity (CBD)

*Secretariat Deputy Executive*

Harry David Cooper is Deputy Executive Secretary, Secretariat of the Convention on Biological Diversity. Previously he was Director, Division for Science, Assessment and Monitoring at the Secretariat. Cooper was Secretary of three meetings of the Conference of the Parties held on 2010, 2014 and 2016, with successful outcomes including the adoption of the Strategic Plan and its twenty Aichi Biodiversity Targets. He also led the development of the Convention's Programme of Work on Agricultural Biodiversity and the Global Strategy for Plant Conservation.

David Cooper worked at the Food and Agriculture Organization of the United Nations, for the non-governmental organization GRAIN and in the Agricultural Research Council of the United Kingdom. He was a lead author for the *Biodiversity Synthesis of the Millennium Ecosystem Assessment* as well as the chapters on food and agricultural ecosystems. He was part of the writing team for the second, third and fourth editions of the *Global Biodiversity Outlook* and the main author of the first report on the *State of the World's Plant Genetic Resources for Food and Agriculture*. He was also a lead coordinating author of the *Connecting Global Priorities: Biodiversity and Human Health – A State of Knowledge Review*.

David Cooper holds an MA in Agricultural and Forest Sciences and a PhD in Plant Physiology, both from the University of Oxford.



## BENJAMIN DAVIS

### Food and Agriculture Organization (FAO)

*Strategic Program leader*

Benjamin Davis is Leader of the Strategic Programme to Reduce Rural Poverty at the Food and Agriculture Organization of the United Nations (FAO). He has extensive experience in social protection, social policies and agricultural economics. He has previously served as Deputy Director of the Agricultural Development Economics Division at FAO and he was team leader of the From Production to Protection (PtoP) project. Benjamin Davis has also worked as Social Policy Advisor for the United Nations Children's Fund (UNICEF) Regional Office in Eastern and Southern Africa and as a Research and Post-Doctoral Fellow at the International Food Policy Research Institute (IFPRI). He holds a PhD in Agricultural Economics and a Master's in Public Policy from University of California Berkeley.



## PAUL DESMARAIS

### Kasisi Agricultural Training Centre (KATC)

*Founder*

Paul Desmarais is the founder of the Kasisi Agricultural Training Centre (KATC), located 30 km North-East of Lusaka, Zambia. The Centre, established in 1974, is a farmer-training institution aiming to empower rural communities to improve their livelihoods. It also aims at facilitating holistic and democratic rural development through training, extension, research, market development, lobbying and advocacy and appropriate technologies in sustainable organic agriculture. In May 2014, Kasisi was chosen as one of 25 outstanding sustainable development initiatives around the globe by the United Nations Development Program for its practical steps to preserve Zambia's rural environment by training more than 10 000 small-scale farmers in sustainable farming techniques.

Paul grew up on a mixed cash crop farm in Southwestern Ontario. He graduated from the University of Guelph with a Bachelor in Agriculture and a Master's degree in Extension Education. He began work at the Kasisi Mission in Zambia in 1971, founded the Kasisi Training Centre and has worked in the Centre since for over four decades.



## **EMILE FRISON**

### **International Panel of Experts on Sustainable Food Systems (IPES)**

*Panel Member*

Emile Frison joined in 2015 the International Panel of Experts on Sustainable Food Systems (IPES). He is the lead author of the 2016 *From Uniformity to Diversity: a paradigm shift from industrial agriculture to diversified agroecological systems* report. Emile Frison had worked in Nigeria and Mauritania for six years on agricultural research and development. In 2003, he became Director General of Bioversity International and developed the strategy “Diversity for Well-being”, which focused on the contribution that agricultural biodiversity makes to the nutritional quality of diets and to the sustainability, resilience and productivity of smallholder agriculture.

He was Member and Vice-Chair of the Board of Directors of Ecoagriculture Partners (2006-2016). Since 2013, Emile Frison takes a particular interest in sustainable agriculture and food systems. He is Chair of the International Scientific Committee on Sustainable Food Systems of the Daniel and Nina Carasso Foundation.

He obtained an MSc from the Catholic University of Louvain and a PhD in agricultural sciences from the University of Gembloux in Belgium.



## **ARANTXA GARCÍA BREA**

### **Centro de Estudios Rurales y de Agricultura Internacional (CERAI)**

*Technical consultant*

Arantxa García Brea is a technical consultant for the Centro de Estudios Rurales y de Agricultura Internacional (CERAI), a Spanish NGO specialized in sustainable rural and fisheries development from the perspective of food sovereignty. Previously, Arantxa worked at the Center of Wild Fauna Recovery (GREFA) and she also did fieldwork in veterinary clinics.

Her interest in rural development and food sovereignty eventually led Arantxa García Brea towards development and cooperation. For over a decade, she has worked at CERAI, where she coordinates projects linked to sustainable rural development in the Maghreb area.



## **DENNIS GARRITY**

### **World Agroforestry Centre (ICRAF)**

*Distinguished Senior Fellow*

Dennis Garrity is a systems agronomist and research leader whose career has been focused on the development of small-scale farming systems in the tropics. He has been serving as Drylands Ambassador for the UN Convention to Combat Desertification. He is a Senior Fellow at the World Resources Institute, and Distinguished Senior Research Fellow at the World Agroforestry Centre (ICRAF), Nairobi, Kenya. He served as Director General of the Centre from 2001 to 2011. He is currently focusing on building an African land restoration movement.

Dennis Garrity is leading an effort to perennialize global agriculture in the 21st Century as chair of the global Partnership to Create an EverGreen Agriculture. The Partnership aims at anticipating the transformation of African and Asian farming through the integration of trees into farming systems, and upscaling the principles and practices of Evergreen Agriculture to tens of millions of the least-favored smallholder farm families. He also chairs the Steering Committee of Landcare International.



## BARBARA GEMILL-HERREN

World Agroforestry Centre (ICRAF)

*Senior Associate*

Barbara Gemmill-Herren currently works as Senior Associate at the World Agroforestry Centre in Nairobi. Previously she worked at FAO's Agriculture Department, where she was amongst others responsible manager of the Major Area of Work "Ecosystem Services and Biodiversity", playing a central role for FAO's new focus on Agroecology. While working with FAO, she also built and coordinated a global project on Pollination Services, implemented in Brazil, Ghana, India, Kenya, Nepal, Pakistan and South Africa. Barbara Gemmill-Herren worked as Scientific Advisor at the African Pollinator Initiative and was Executive Director of the Environment Liaison Centre International, an international environmental NGO based in Nairobi, Kenya.

She is now also a contributor to the United Nations initiative on The Economics of Ecosystems and Biodiversity for Agriculture and Food (TEEB) which seeks to provide a comprehensive economic evaluation of the eco-agri-food systems. Barbara Gemmill-Herren led the "Beacons of Hope" initiative of the Global Alliance for the Future of Food, an initiative that seeks to develop a framework to gather and bring together evidence and stories of transitions towards more sustainable food and agriculture systems.



## STEPHEN GLIESSMAN

University of California Santa Cruz (UCSC)

*Professor*

Stephen Gliessman is an agroecologist who integrates science, practice, and social activism. After earning his Ph.D. in Plant Ecology at UC Santa Barbara, he spent nine years in Latin America, farmed coffee and vegetables in Costa Rica, ran a nursery in Guadalajara, Mexico, and taught and did research at a small college of tropical agriculture in Tabasco, Mexico. He is founding director of the University of California Santa Cruz Agroecology Program and taught natural history, ethnobotany, and agroecology in the Department of Environmental Studies at UC Santa Cruz. He occupied the Ruth and Alf Heller Endowed Chair of Agroecology at UCSC for 30 years, and has been a Kellogg Fellow and a Fulbright Scholar. He is co-founder of the non-profit Community Agroecology Network.

Stephen Gliessman has published extensively on traditional agriculture in Mexico, food system transformation, agroecology, and sustainable agriculture. His textbook *Agroecology: Ecology of Sustainable Food Systems*, is in its third edition and appears in five languages. He leads short courses and training seminars on agroecology in many parts of the world. He has been doing research on the transition to organic and sustainable production systems for over 30 years and also dry farms organic wine grapes and olives with his family at their small farm in Central California.



## ROBERTO GORTAIRE AMÉZCUA

Colectivo Agroecológico del Ecuador (CAE)

*Lead of the coordinating team*

Roberto Gortaire Amézcu is lead coordinator of the Colectivo Agroecológico del Ecuador (CAE). The CAE is a broad space of dialogue that integrates dozens of campesino organizations, consumer associations, development institutions, universities and other social groups to promote food sovereignty, agroecology and solidarity economy in Ecuador and the Andean Region.

Roberto Gortaire Amézcuca graduated as an agronomist from the Polytechnical Superior School of Chimborazo, where he specialized in Agroecology. He was the national representative at the Plurinational and Intercultural Conference on Food Sovereignty (COPISA) in 2009. COPISA was established by the Organic Law of Food Sovereignty and is a national participatory citizen council on food sovereignty related matters. He participated in the preparation and debate of the current Law on Agrobiodiversity, Seeds and Promotion of Sustainable Agriculture. He is author of articles such as the Ingenious Systems of Agricultural Heritage, a collaboration between FAO and the Ecuadorian Ministry of Heritage and Culture. region.



## JOHANNES GOUDJANOU

### Premium Hortus

*Chief Executive Officer*

Johannes Goudjanou is the co-founder of several innovations, among them, Premium Hortus, the first technological platform for agroecology in Africa.

Awarded with the 2017 Francophone Africa Climate Initiatives (ICAF) at COP23, the Best Blue Innovation WaterGeneration Ouagadougou 2017 and distinguished Blue Passport by the International Secretariat for Water (ISW) for the 8th World Water Forum held in Brasilia in 2018, Premium Hortus is a succesful e-commerce platform for agroecological products and support to producers. In 2017, the contributions to achieving the SDGs was singled out by the Solar Impulse Foundation as Member of the World Alliance for Efficient Solution.

Specialist in Management and Corporate Communication, Johannes Goudjanou intervenes in many companies, programs and international organization as consultant-trainer and project coordinator. He is the Representative of the Francophone Africa Climate Initiative Program (ICAF) in Benin.



## ETIENNE HAINZELIN

### Centre de coopération international en recherche agronomique pour le développement (CIRAD)

*Advisor to the Chief Executive Officer*

Etienne Hainzelin is advisor to the Chief Executive Officer of CIRAD (Center for international cooperation in Agricultural research for development), a research institute focusing on the prime issues surrounding the role of agriculture in developing countries. At CIRAD, Etienne Hainzelin also played an active role in recasting and redirecting the research issues and scientific strategies of some of the major French, European and international centres and institutes in the field, and in designing new methods of impact assessment of research on development.

He has worked on a wide array of contexts and countries, with long-term positions in Ivory Coast, Réunion Island, Canada, Brazil and France. His first scientific works were centered mostly on corn and sugarcane and over time, he became interested in the links between the social sciences and agronomy, with a special focus on the interaction between social dynamics, governance models and global transformations in rural settings. In this context, he coordinated a study about the role of biodiversity in agriculture transformation and is involved in agroecology debate in the developing countries. Between 2007 and 2010, Etienne Hainzelin was the research and strategy director for CIRAD. He is an agronomist by training, with a Ph.D. in plant science.



## MARIA HEUBUCH

### European Parliament

*Member of Parliament*

Maria Heubuch is member of the European Parliament for Alliance 90/The Greens and deputy to the Committee on Agriculture and Rural Development and the Committee on Fisheries. Her work focuses on the transformation to sustainable and just agriculture & food systems in Europe and the Global

South. Maria has advocated for the scale up of support to agroecology in the context of European development cooperation.

In her home country, Germany, Maria Heubuch runs a dairy farm together with her family since 1980. In 1984, she co-founded the “Association for the Preservation of Small and Medium-Sized Family Farms” and in 1988 the “Umbrella organization of the German Agrarian Opposition”. In 2005 she became a member of the Federal Association of German Dairy Farmers and a year later, she founded the “Alliance for GMO-free cultivation region Lake Constance, Allgäu”. In 2006 she was a representative of the European Milk Board. Further initiatives followed.

Since 2011 she is a member of Alliance 90 / The Greens. Before joining the European Parliament in 2014, she was in the leadership of Via Campesina Germany, an international peasant’s movement.



## YOGESH JADHAV

**Barli Development Institute for Rural Women (BDIRW)**

*Chief Operating Officer*

Yogesh Jadhav is an environmental researcher with almost two decades of experience in forestry, environment and sustainable development domains. Currently, he is the Chief Operating Officer of the Barli Development Institute for Rural Women, a vocational education school that has provided training in sustainable agriculture, health and nutrition to over 8 500 women since 1995. Previously, he was involved in the implementation of project-based assignments, global collective action research initiatives in agricultural research, multi-stakeholder processes and networks for sustainable agro-ecological programs, complemented by academics and research.

Yogesh Jadhav has ample experience managing multi- disciplinary agro-ecological initiatives for achieving the Sustainable Development Goals (SDGs). He is also a professional trainer for resource management, participatory processes, multi-stakeholder planning processes, and gender equality and mainstreaming with hands on experience in leading inter-disciplinary teams.



## RADJEEP KAPOOR

**Slow Food India Chef's India**

*Senior Executive Culinary Chef*

Rajdeep Kapoor is the Senior Executive Culinary Chef of the ITC Hotels and President of Slow Food Chefs Alliance India. He has a vast experience in International and Indian regional cuisines. Holding his own bustling kitchens, food agroecology is second nature to him just the same as promoting concepts of slow food.

Rajdeep Kapoor has been interested in food from the earliest years of his childhood, growing up in an Indian home that was preoccupied with the preparing, serving and eating of memorable meals and has thus received a premature culinary orientation. Being a sustainable Chef, Rajdeep Kapoor believes that with a bit of effort, we all can use our creativity to protect the environment around us, satisfy our appetites and forge a better tomorrow. He is working towards creating awareness to ensure that the food sources we enjoy now will still be there in years to come.

Currently, he oversees the operations at the Sheraton hotel in New Delhi, where he is pioneering simple and pure concepts such as eating seasonal and local products, biodiversity and maintaining equilibrium between plants and animals by being sustainable. In his kitchen, he is meticulous not only about ingredients, but also about infusing the local cultural and historical tradition of a place into a meal.



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## MELINDA KASSAI

### Butterfly Development

#### *President*

Melinda Kassai is the founder of the Butterfly Development in Hungary, an organisation that focuses on complex regional development. One of the main activities of Butterfly Development is the planning and implementation of the Pro Ratatouille Program (PRP), a community-based organic agricultural program for disadvantaged Roma and non-Roma people, which also aims to spread sustainable developmental models among small village communities.

Community-based agriculture helps to develop community awareness, lowers unemployment, fights malnourishment and introduces a healthy and sustainable lifestyle. Combined, these effects positively influence the worldview of the participants and show a livable alternative to younger generations. The program also helps to fight the prejudices towards the Roma minority by enabling Roma and non-Roma members of a community to work together towards a common goal.

Melinda Kassai is an expert in individual, community and sustainable local project development. She has been involved with mobilizing and developing disadvantaged rural communities.



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## PHEMO KAREN KGOMOTSO

### United Nations Development Programme (UNDP)

#### *Technical advisor for Ecosystems and Biodiversity*

Phero Kgomotso currently serves as a Regional Technical Advisor on Ecosystems and Biodiversity for the Africa region, based at the UNDP Regional Service Center for Africa, in Addis Ababa, Ethiopia. She is also the UNDP Global Environmental Finance (UNDP-GEF) Team's Regional Team Leader. The portfolio she supports mainly includes work on sustainable land management, food security, ecosystem-based adaptation, sustainable forest management and other related themes.

Phero Kgomotso graduated with a DPhil/PhD (Environment and Development) from the Institute of Development Studies (IDS) at the University of Sussex, UK in 2011, and holds an MSc in Water Resources Management from the University of the Western Cape, South Africa. Her undergraduate training was in Political Science and Public Administration from the University of Botswana.



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## ASHLESHA KHADSE

### Amrita Bhoomi Agroecology Center

#### *Coordination team*

Ashlesha Khadse is a member of the coordination team of the Amrita Bhoomi Agroecology Center – which is La Via Campesina's agroecology school in South Asia. Previously, she was a Master's of Science student at El Colegio de la Frontera Sur (ECOSUR) in Chiapas, Mexico, where she conducted research on and wrote about how peasant movements scale up agroecology, specifically documenting the Zero Budget Natural Farming movement, a massive agroecology movement in southern India.

She is currently also part of an interdisciplinary academic team at ECOSUR that studies factors behind the scaling up of agroecology. Ashlesha has been working with farmers' movements in India since 2009.



## VIJAY KUMAR

**Government of Andhra Pradesh, India**

*Policy advisor*

Vijay Kumar is advisor to Government of Andhra Pradesh Agriculture and Co-Vice Chairman of Rythu Sadhikara Samstha, a company for farmers' empowerment set up by the State Government. He also leads the climate resilient, "zero budget" natural farming movement in the State.

Vijay Kumar obtained a physics honors student and a MBA from Faculty of Management Studies, Delhi University. He joined the Indian Administrative Service in 1983, and retired in September, 2016. He spent 28 years working in rural development topics while serving various positions in the Government. One significant assignment was the ten years as CEO for the Society for elimination of Rural Poverty (S.E.R.P), where Vijay Kumar was responsible for implementing a state wide programme of poverty eradication through social mobilization and empowerment of rural poor women.

He returned to the Government of Andhra Pradesh in April 2015 as Special Chief Secretary, where he is leading the implementation of climate resilient Zero budget Natural farming.



## ANNA LARTEY

**Food and Agriculture Organization (FAO)**

*Director – Nutrition and Food systems division*

Anna Larrey is the Director of Nutrition and Food Systems Division at the Food and Agriculture Organization of the United Nations since 2013. Prior to that, she was a Professor of Nutrition at the University of Ghana (1986-2013). She was a Fulbright student (1994-1998) at the University of California Davis, United States.

Anna Larrey worked as a researcher in Sub-Saharan Africa for 27 years on maternal and child nutrition. She is the recipient of the Sight and Life Nutrition Leadership Award for 2014. She is the immediate Past President of the International Union of Nutritional Sciences (IUNS, 2013-2017).



## BRUNO LOSCH

**Center for the Study of Governance Innovation (GovInn)**

*Co-director*

Bruno Losch is Co-Director of the Centre for the Study of Governance Innovation (GovInn), based at the University of the Western Cape, South Africa, and a political economist at Centre de Coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) in France. He joined the World Bank between 2005-2011, where he led the RuralStruc Program on structural transformation and rural change, a joint initiative of the World Bank, IFAD, and the French government. Previously, he was a visiting scholar at the University of California–Berkeley, and in charge of CIRAD's Family Agriculture Program (1998-2002).

He holds a Master's in political science and in geography and a PhD in economics. He has published extensively in the field of rural studies, family agriculture, public policies, and the political economy of development.

Over the last years, Bruno Losch performed several assignments on territorial development, youth employment, rural migrations and rural change. He was and is a member of the Advisory Committee of 2017 and 2018 FAO's State of Food and Agriculture. He was also a member of the Advisory Committee of the Berlin Charter "Creating Opportunities with the Young Generation in the Rural World" (2017) in the G20 Berlin Conference on the Future of the Rural World. He currently co-leads the Food governance and policy reform program of the Centre of Excellence in Food Security (South Africa).



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## JANET MARO

### Sustainable Agriculture Tanzania (SAT)

*Executive director*

Janet Maro is the co-founder and Chief Executive Officer Programme of Sustainable Agriculture Tanzania (SAT), a local association in Tanzania which works at the national level focusing on enabling small-scale farmers to achieve food security and earning a fair income by practising agroecology. Dissemination, research, application and networking are the five main pillars upon which SAT is built..

Janet graduated from Sokoine University of Agriculture, Tanzania, with a Bachelor of Science in Agricultural Economics and Agribusiness Upper Second Class. She has been able to build capacity and develop strategies for initiatives in Malawi and Ethiopia to work with communities on agroecology and sustainable agriculture.



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## PHILIPPE MAUGUIN

### Institut national de la recherche agronomique (INRA)

*President*

Philippe Mauguin is an Engineer in the Corps of Rural Engineering, Water and Forests. Since 2016, he is President of the Institut national de la recherche agronomique (INRA), France.

Philippe Mauguin began his career as a research scientist at the École des Mines in Paris, France. He became successively responsible for agrifood affairs at the Ministry of Research, as adviser to the Minister, Director of Agriculture and Bioenergies at the ADEME, Director of the scientific group Agriculture for Chemistry and Energy, adviser on agriculture, forestry and food industry to the Prime Minister, Lionel Jospin, Director of the INAO, Director of the Regional and Interdepartmental Agency for Food, Agriculture and Forestry for the Ile-de-France Region, Director of Maritime Fisheries and Aquaculture, and Chief of Staff of the Minister for Agriculture, Food Industry and Forestry, Stéphane Le Foll.



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## PEGGY MIARS

### IFOAM – Organics International

*President*

Peggy Miars is President of IFOAM – Organics International and has represented North America on the IFOAM World Board for three years. She also serves on the Board of Directors of the International Organic Accreditation Service (IOAS). Peggy is Executive Director of the Organic Materials Review Institute (OMRI) in the United States and was previously Executive Director of California Certified Organic Farmers (CCOF). She has worked in the organic movement for more than 20 years, previously in marketing and management positions with Earthbound Farm, Whole Foods Market, non-profit organizations, and her own marketing consulting business. Peggy Miars completed organic inspector training for crops in 2007 and has had further training in both United States and Canadian organic standards.



## DAPHNE MILLER

University of California San Francisco (UCSF)

*Medical doctor*

Daphne Miller, MD, is a practicing family physician, Associate Clinical Professor at the University of California San Francisco and core faculty in the Joint Medical Program at University of California Berkeley. For the past fifteen years, her work has focused on aligning agriculture and conservation with human health.

Daphne Miller is the founder of the Growing Health Collaborative, which brings together experts from medicine, public health and agriculture, to build a “health sensitive” food system from the soil up. Miller is a graduate of Brown University and Harvard Medical School and completed her family medicine residency in National Institutes of Health-funded primary care research fellowship at University of California San Francisco.

Daphne Miller is the author of numerous peer reviewed publications and popular magazine articles. She is a former science contributor to the Washington Post and author of two mainstream press books about food, agriculture and health: *The Jungle Effect*, *The Science and Wisdom of Traditional Diets* and *Farmacology, Total Health from the Ground Up*. *Farmacology* is published in four languages and was the basis for the award-winning documentary *In Search of Balance*.



## LEONARD MIZZI

European Commission’s Directorate-General for International Cooperation and Development (DEVCO)

*Head of unit*

Since 2017, Leonard Mizzi is Head of Unit in charge of rural development, food security and nutrition in the European Commission’s Directorate-General for International Cooperation and Development (DEVCO). He was formerly Head of Unit of the Directorate-General Agriculture and Rural Development from 2007-2016, first in charge of the African, Caribbean and Pacific countries and inter institutional matters in a later stage. Leonard Mizzi is a Maltese national, having worked for both the Maltese public and private sector between 1989-2006. He is an agricultural economist by training and has a PhD from Reading University, UK and degrees from the Centre international de hautes études agronomiques méditerranéennes (CIHEAM) in Montpellier and Malta.



## BERNADETE NEVES

Food and Agriculture Organization (FAO)

*Natural Resources Officer*

Bernadete Neves works as a Natural Resources Officer at FAO in Rome, Italy, where she currently coordinates a programme on Incentives for Ecosystem Services from Agriculture. Bernadete Neves holds a Master in Geography and her work has included a global review on payments for environmental services and development of incentives for long-term adoption of sustainable land and water management. These are innovative approaches to pool funds from public and private sources, and support farmers in the transition to agroecological practices.



## DANIELLE NIERENBERG

Food Tank

*President*

Danielle Nierenberg is the co-founder and president of Food Tank: the Think Tank for Food, a non-profit organization that aims at offering sustainable solutions to alleviate hunger, obesity and poverty. After completing her education, Danielle Nierenberg joined the Peace Corps and worked with farmers and urban school kids in the Dominican Republic. She later joined the Worldwatch Institute, where she served as Food and Agricultural Senior Researcher, managing several projects on emerging infectious diseases related to food systems, gender, climate change and agriculture and innovations in sustainable agriculture.

She has written extensively on gender, population and innovations in sustainable agriculture for The New York Times, The Washington Post, Al Jazeera, Le Monde and The Guardian, among others. She is a reviewer for the Africa Chapter for the Intergovernmental Panel on Climate Change Working Group II AR5 First Order draft and author of several books focused on sustainable food systems such as *Food and agriculture: the future of sustainability*, *Eating Planet 2016* or *Letters to a Young Farmer: on food, farming, and our future*.



## PAULO PETERSEN

**Agricultura familiar e agroecologia (AS-PTA)**

*Executive director*

Paulo Petersen is the Executive Director of the Brazilian Agricultura familiar e agroecologia (AS-PTA), a Brazilian NGO that since 1983 works to strengthen family farming and to promote sustainable rural development in Brazil. He is the Vice-President of the Brazilian Agroecology Association (ABA-Agroecologia). Paulo Petersen is a member of the National Committee on the National Policy of Agroecology and Organic Farming that aims to promoting civil society participation in the formulation and monitoring of the National Policy of Agroecology and Organic Farming.

He is currently the Chief Editor of *Revista Agriculturas: Experiências em Agroecologia*. He is an agronomist and holds a PhD in Environmental Studies from Universidad Pablo de Olavide and a Masters Degree in Agroecology and Rural Development from the Universidad Internacional de Andalucía.



## HERVÉ PETIT

**Agronomes et Vétérinaires Sans Frontières (AVSF)**

*Program officer*

Hervé Petit is a veterinarian surgeon and Programme Manager of “Livestock productions, Animal Health and Veterinary Public Health” in the French NGO Agronomes et Vétérinaires Sans Frontières (AVSF) where he also occupies the position as Desk Officer for Asia. Before joining AVSF, he was Veterinary Advisor in the French “Groupements de Défense Sanitaire”, a farmer association dedicated to collective animal health management. For over a decade, he worked as a private veterinarian in western France, specialized on farm animals such as beef and dairy cattle, pigs, goats, sheep, and horses.



## ANDREA ELENA PIZARRO MUÑOZ

**Empresa Brasileira de Pesquisa (Embrapa) Agropecuária**

*Researcher*

Andrea Elena Pizarro Muñoz is a researcher in economics and innovation management - diagnostic and prospective analysis of social, economic and environmental systems and evaluation of impacts of agricultural and agroindustrial technologies in the Brazilian Agricultural Research Company - Embrapa Fisheries and Aquaculture in the area of technology transfer.

Andrea Muñoz has undergraduate degree in Economics at Universidade Estadual de Campinas (1998) and master's in Economics at Universidade Estadual de Campinas (2008). She has experience in Economics, in private and public institutions, focusing on Regional and Urban economy, and the following subjects: economic development, regional economics, urbanization, metropolis, public policies, agricultural economics, socioeconomic impact evaluation, financial viability, economic indicators in aquaculture production chain.



## PIERRE PUJOS

**Agrivaleur Economic and Ecological Interest Group**

*President*

Pierre Pujos holds a master's degree in biology, and started his professional career at the Ministry of Agriculture in the registration of phytosanitary products and then as a trainer in an agricultural high school. He settled as an organic grain farmer in the South-West of France in 1998 with the objective of producing without degrading the environment. The fight against erosion, soil fertility and the search for resilience have been the drivers of change. In addition, he created a biocoop food store, of which he is the co-manager. He also trains farmers and agricultural technicians to practice agro-ecology.

Pierre Pujos is President of an Economic and Ecological Interest Group – AGRIVALEUR in order to establish linkages between breeders and cereal producers to enhance synergies and to promote resilient production systems especially in the context of climate change.



## JOAN RIBÓ

**Valencia city**

*Mayor*

Joan Ribó is mayor of Valencia since June 2015. As a trained Agronomist holding a PhD on rice proteins and wheat flour, he has also served as a teacher in high school and as University professor. His interest in science and nature has led him to complement the direction of his PhD, engaging in social movements in defense of food sovereignty, sustainable agriculture and fair marketing. This ideology has also guided him in his work as a deputy in the regional parliament of Valencia, and later as councilor of the City Council of the Valencian capital.

His model of the city implements of policies oriented towards sustainability, dignifying the most disadvantaged neighborhoods and linking the city core and its surrounding area.



## HASSAN ROBA

**Christiansen Fund**

*Program officer*

Hassan Roba is currently the program officer of African Rift Valley at the Christensen Fund. In this position, he oversees grants in support of communities managing rich agroecological systems in Southern Ethiopia and extensive low external inputs pastoral system of Northern Kenya. Prior to taking up this position, he worked at the National Museums of Kenya for over a decade as research scientist specializing in traditional ecological knowledge and indigenous resource governance. He authored numerous publication in this field. Hassan Roba holds a PhD in Development Studies from the Norwegian University of Life Sciences, Norway.



## RILMA ROMAN

**Associação Nacional de Trabalhadores Pequenos (ANAP)**

*Officer*

Rilma Roman is an Agronomist with more than 30 years of experience. She currently serves as an officer in the National Direction of ANAP in Cuba and represents the Caribbean region in the Latin-American Coordinator of Farmers Association (CLOC) and in the International Committee of Via Campesina. She coordinates the international agroecology collective at La Via Campesina and the International Planning Committee for Food Sovereignty (IPC) agroecology working group together with the representation of Movimiento Agroecológico de América Latina y el Caribe (MAELA).

Rilma Roman has worked for ten years as a professor at the Agrarian University of Havana teaching Entomology and Biological Control in the Faculty of Agronomy. During the nineties, she began to venture into agroecology as a facilitator of the agroecological movement of Peasant to Farmer in the Cooperative of Credits and Services Antonio Briones Montoto in the municipality of San Miguel del Padron in the province of Havana. Later on, she coordinated the agroecological movement promoted by the National Association of Small Farmers in the province of Havana. For seven years she was provincial President of the ANAP in the Province of Havana.



## ADOLFO ROSATI

**Consiglio per la Ricerca in agricoltura e l'analisi dell'Economia Agraria (CREA)**

*Researcher*

Adolfo Rosati has been a research scientist at the Council for Agricultural Research and Economics (CREA), in Italy, since 1996. He has a Ph.D. in fruit tree physiology from the University of Perugia. He has worked as a Postdoc and then as a Visiting Scientist at the University of California at Davis, United States, for about five years, and has worked at the Agroforestry Center of the University of Missouri, United States, as a Fulbright scholar. He works on agroecology, agroforestry and ecophysiology, particularly light and nitrogen partitioning within canopies, modelling photosynthesis, floral and fruit biology, and tree grow.

Adolfo Rosati was actively involved in AGFORWARD, the largest agroforestry project funded by the European Commission during 2014-2017. He is a founding member of the European Agroforestry Federation (EURAF) and served in its executive committee as the national delegate for Italy and then as deputy secretary. He was the founder and first coordinator of the Agroforestry working group of the Italian society for silviculture and forest ecology (SISEF), and he is a founding member of the agroecology working group of the Italian society for horticulture (SOI).



## MAEDEH SALIMI

**Centre for Sustainable Development and Environment (CENESTA)**

*Programme manager*

Maedeh Salimi is a PhD candidate on Agro-ecology and she is a Programme Manager for Democratising Agricultural Research at the Centre for Sustainable Development and Environment (CENESTA), an Iranian NGO. Her interests include sustainable agriculture, agrobiodiversity, food security and food sovereignty as well as sustainable livelihoods for local communities, particularly women.

She has vast experience on Evolutionary Participatory Plant Breeding (EPPB), agricultural heritage, community facilitation, and ecosystem services in Iran. She is working directly with small scale producers, indigenous people, pastoralists (men and women) and other stakeholders in Iran.



## MAKHFOUSSE SARRU

**Food and Agriculture Organization (FAO)**

*National coordinator - Integrated Production and Pest Management Programme in Africa*

Makhfousse Sarr works at the FAO office in Senegal where he has coordinated since 2008 several projects based on the farmer field schools approach set up in West Africa. Before joining FAO, he conducted ample research on production systems integrating fallow and ecotoxicology, on risk analysis models and a communication strategy on the risks of pesticides at the community level. He has published numerous scientific articles on the ecology and negative effects of pesticides on the environment.

Makhfousse Sarr holds a doctorate in entomology and ecology. He has a great passion for agroecology and for strengthening the technical and organizational capacities of farmers and communication for development, which allowed him to capitalize a great experience on participatory approaches.



## SULTAN SARYGULOV

### Federation for Organic Development (Bio-KG)

Coordinator

Sarygulov Sultan currently is the Coordinator of the Federation for Organic Development of Kyrgyzstan (Bio-KG) and coordinates among others the project *Organic aimak*, an integrated model of sustainable development of rural and mountain areas based on the synthesis of the potential of traditional culture and organic technologies.

As an expert on food safety, ecology and climate change, Sultan Sarygulov worked as an advisor and member of the board of the independent expert organization *Agrarian Platform* before joining Bio-KG. He was also head and coordinator of various working groups such as *On Natural Honey* and *Global Unity*. He has vast experience in bee-keeping, honey production and processing of bee-keeping products.



## YIQING SONG

### Chinese Academy of Sciences (CAS)

Senior Research Associate

Yiqing Song is a senior researcher and program leader in the Centre for Chinese Agricultural Policy (CCAP) and the Chinese Academy of Science (CAS). She is also a lecture professor of China Agricultural University, Guangxi University and SW China University. Since 2007, she has been collaborating with Wageningen University since 2007 and has co-supervised four PhD students. She has been board member and a visiting senior researcher in the China Centre for Intellectual Property in Agriculture (CCIPA), Chinese Academy of Agricultural Science since 2008.

Her research focuses on sustainable agriculture, food security and rural development policies in China covering a range of several related areas like biodiversity, traditional knowledge and related genetic resources, seed and food security and poverty, agricultural research and extension, natural resource management, farmer cooperatives and related gender and social issues. Her main research methodology is participatory action research and policy analysis. She is leading a participatory action research program in CCAP. She holds a PhD in rural sociology and rural development from Wageningen University, the Netherlands.



## MARIAM SOW

### Environnement et Développement du Tiers Monde (ENDA Pronat)

Director

Mariam Sow is a daughter of pastoralists in Guédé Chantier in the rural community of Guédé Village, Department of Podor in the Senegal River Valley. After finishing high school, she became a rural leader for the Maisons Familiales Rurales in the Senegalese Thiès region. There, she learned the basics of the participative approach in rural areas, the structuring of farmers' organizations and the importance of knowledge and peasant skills. She was spotted in 1983 for her talents as a host by Jacques Bugnicourt, Founder of Enda Tiers Monde, who made her participate in to the program of Enda Pronat (Natural Protection) which had just started. Mariam was entrusted with the organization of sensitization and training activities on the risks of chemical pesticides and agro-ecological alternatives in several rural areas of Senegal.

After 13 years of field experience with Enda Pronat, Mariam Sow is now coordinating the team. She also served as Executive Secretary of Enda Tiers Monde (2007-2009) and is President of the Board since 2013. In 2015, Mariam was awarded the Legion of Honor, the highest French order of merit for military and civil merits. Despite her status, she has always remained very close to the peasants. She defended rural land when land grabbing became a serious issue in 2010. She is also engaged with peasant organizations and civil societies, proposing alternatives for land governance.



## **PASQUALE STEDUTO**

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### **Food and Agriculture Organization (FAO)**

#### *Regional Strategic Programme Coordinator*

Pasquale Steduto holds a MSc in Water Science and a PhD in Soil-Plant-Water Relationships from the University of California in Davis. He has been working for over 25 years on agricultural water use efficiency and water productivity, with a focus on crops water requirements, their yield response to water and associate modeling development under water scarcity conditions. He has managed many water-related development projects in Southern Europe, North Africa, the Near East and sub-Saharan Africa. He joined FAO in 2003 as Chief of the Water Resources, Development and Management Service.

He has been the UN-Water Chair in 2007-2009 and has served as member of the Global Agenda Council for Water Security in the Global Economic Forum, of the Advisory Committee of the World Water Week at the Stockholm International Water Institute, of the Board of Governors of the World Water Council, and coordinator of the priority theme on water and food security for the World Water Forum 6.

In 2019, he was Deputy Director of the Land and Water Division and recently became Regional Programme Coordinator for the Near East and North Africa and manager of the Regional Initiative on 'Water Scarcity'. He is author of over 100 publications in scientific journals and books.