



Food and Agriculture
Organization of the
United Nations

10-11
June 2019

The Future of **Food**

International
Symposium

#FutureofFood

Contributing to

UNITED NATIONS DECADE OF
ACTION ON NUTRITION
2016-2025

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 #FutureofFood

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Malnutrition in all its forms continues to be one of the greatest challenges faced by our generation. While undernutrition persists in some countries, we are witnessing an unprecedented rise in obesity and diet-related non-communicable diseases (NCDs) also in low- and middle-income countries. There is a global call to transform our current food systems to provide the healthy diets needed for optimal health and wellbeing, address issues of inequality and inequity and put a halt to the degradation of natural resources.



2030: the challenges we will face

How to provide nutritious diets for optimal health that can be sustained for generations within planetary boundaries is a question of high priority for policy-makers and the research community. This is imminent considering the constraints that the global food system is facing regarding a rapidly increasing world population, rapid urbanization, changing diets, climate change and protracted crises in many parts of the world. According to recent research, if no major mitigation measures are taken, the acceleration of the dietary transition in low- and middle-income countries is expected to increase the impact of the food system on the environment. There is an urgent need to apply effective governance to food systems that go beyond national boundaries; governance that spans all levels from global to local, encompassing informal as well as formal organizations. Political commitment, leadership, accountability and policy coherence are essential elements for effective governance, as well as data, knowledge and capacity development to take effective action.

FAO's contribution to the discourse on the future of food

FAO, an intergovernmental organization with the vision of a world free from hunger and malnutrition, is deeply engaged in the discourse around the future of food and food systems. The FAO publication on *The Future of Food and agriculture* (2018) cautions that “business as usual” is no longer an option if we are to meet the targets set by the 2030 Agenda of the Sustainable Development Goals. Food and agriculture must move towards the path of sustainability- achieving more with less and producing safe and nutritious food for all, while limiting the use of natural resources. The Future of Food symposium will bring together academics, researchers, policymakers, representatives from civil society and private sector, parliamentarians and government agencies to discuss these questions (and many more), and explore pathways to a sustainable future of food and healthy diets for all.

THE SYMPOSIUM

DAY 1	Opening remarks Panel 1: Research, Knowledge Gaps and Needs for Sustainable Food Systems and Healthy Diets	10 June
DAY 2	Panel 2: Governance of Food Systems for Healthy Diets Panel 3: Building Consumer Confidence in Food Systems High Level Event on the Mediterranean Diet Panel 4: Transforming Food Systems: What Does it Take?	11 June

Panel 1: Research, Knowledge Gaps and Needs for Sustainable Food Systems and Healthy Diets



Policymaking requires sound evidence as it is difficult for governments to make improvements in areas that are not well measured and not well understood. The question on how to provide nutritious diets for optimal health that can be sustained for future generations is of high priority. To address it, evidence is needed on the links between health, nutrition, diet quality, and the market-driven processes that shape food systems, food environments and consumer demand.

Large data gaps persist regarding exactly what people eat and drink. Therefore, improving the quality and quantity of data on food intake among different categories of the population is a priority. Closely linked is the need for consensus on how to measure diet quality and the development of novel metrics to capture the full range of dimensions of quality which include adequacy of macro and micronutrients, food safety, dietary diversity, protection against diet-related non-communicable diseases, and desirability. Data are also lacking on how different food system domains are linked to, and interact with, the food environment in which dietary choices are made. When considering the environmental sustainability of diets, most studies consider only greenhouse gas emissions, lacking an integrated analysis that includes other core environmental impact dimensions of food systems. Research that combines the socio-cultural and socio-economic sustainability angles of diets together with health and environmental aspects is scarce. There are knowledge gaps around what really drives people's choices, and consumer and business decisions toward healthier and sustainable food choices. Metrics that measure women's roles in dietary choices are also needed. The evidence base on policy interventions and agri-food business models that shift food systems toward healthier and sustainable outcomes, while fulfilling their role as a generator of jobs and incomes in an inclusive manner, also needs to be further developed.

Robust mechanisms are needed to collect better system-wide data to evaluate the impacts of various food system policy interventions. Considering the dynamic nature of food systems, interdisciplinary research and monitoring will be essential to establish the links between and among food systems domains, to understand how each part of the system contributes in an integrated way to sustainable and healthy diets. The potential role of public-private partnerships to fund data collection, as well as ways to obtain public access to data collected by industry could be avenues to consider.

This session will address what we know about our current food systems and healthy diets, and will highlight the research gaps and knowledge needed to re-position our food systems to ensure that healthy diets are accessible and affordable to all by 2030.

Panel 2: Governance of Food Systems for Healthy Diets



Food Systems that work for healthy diets and nutrition require actions across many sectors and actors. Many of the actors who are active in food systems do impact nutrition but very often do not have an explicit mandate on nutrition, making it difficult to call these actors to account. Intergovernmental and democratic States are accountable towards their governing bodies and their populations, however many non-State actors hold power, but without clear accountability structures.

Institutional arrangements need to be strengthened at international and national levels to ensure greater coherence of policies and actions that promote good governance at all levels. At the national level, inter-sectoral policies and action coordination are needed for effective food systems management. Measures for effective food systems governance include: i) coherent national policies with explicit nutrition targets; ii) improved institutional arrangements for effective multisectoral cooperation, iii) engagement with partners to create and sustain an inclusive enabling environment for improved nutrition; iv) facilitation of effective implementation at all levels; v) concerted efforts to encourage effective design, implementation and monitoring of actions at various levels; vi) regular and systematic public assessment of progress to enhance accountability and effectiveness and to improve resource use; and vii) support to national governments to enable national authorities to establish and implement their own national policies and strategies. A recent publication on the global syndemic of obesity describes the nature of current food systems and their impact on diets and nutrition at several levels i.e. health, governance, business, supply and demand, and the concern that powerful lobby forces often prevent government policy-making for the public good.

This session will examine mechanisms that already exist or can be put in place to ensure that governments, private sector and civil society hold themselves accountable for the quality and effectiveness of food system policy, action and investment including the measurement of their impact.

Panel 3: Building Consumer Confidence in Food Systems



Climate change, population growth, technological advances, globalization of food value chains, and trade liberalization have been important drivers of change in the nature of and demands on food systems observed during the last decade. The role of the private sector, in particular of large-scale international food and agri-businesses and retailers, on food systems and people's diet has steadily grown. Rapid urbanization, income growth and changing lifestyles have played a major role in shifting dietary patterns.

Most consumers are reliant on a range of actors within the food systems that enable them to access safe, nutritious and diverse foods. Given the complexity of the food systems, there are many opportunities for things to go wrong, which may lead to a loss of consumer trust in these systems. A consequence of this complexity has been an increase in food incidents, which can be defined as 'any situation within the food supply chain where there is a risk or potential risk of illness or confirmed illness or injury associated with the consumption of a food or foods'.

The growing gap between the point of production and consumption has led to a decline in consumer trust in food and a desire for increased regulation. As people lose the connection with farmers, they lose the valuable relationships that offer a connection to their food. Without those relationships, few opportunities are left for farmers to actually demonstrate first-hand how they responsibly produce food, and thus facilitate trust. The distance between food producers and consumers, and the risk of miscommunication on packaged food products, have increased greatly. Many foods that are sold in (super) markets are unfamiliar to a large number of shoppers. The need to inform consumers about the true quantity and quality of the product and to prevent deceptive sales practices exists in all regions of the world.

Consumers' embeddedness in food production impacts their trust in food. Increasing local food production and consumption may increase consumer trust in food, and decrease consumer dependence on government regulation. To gain their trust when it comes to food, it is essential to know what consumers think about the various institutions in the food systems, as well as what their perceptions of agriculture and food are. Consumer trust is rather driven by confidence (i.e. shared values and ethics) than by competence (i.e. skill and expertise). New models of public engagements that build and maintain public trust need to be explored. It is essential to aim for food system practices that are ethically grounded, scientifically verified, economically viable and clearly communicated.

This session will explore how to build consumer confidence in food systems.

Panel 4: Transforming Food Systems: What Would it Take?



In spite of the progress made in the past decade, malnutrition persists and, in the case of micronutrient deficiencies and overweight, we are witnessing a relentless increase globally. One of the reasons for this increase are the low quality diets, i.e. diets that lack the sufficient amounts of fresh fruits and vegetables, legumes, nuts and wholegrains while increasingly being made up of high quantities of refined carbohydrates and foods high in salt, fats and/or sugar. There is broad consensus on the key role played by the food system in influencing the quality of diets, and of its consequent potential to influence what people eat. Actions would need to focus on increasing the availability, affordability and desirability of nutritious foods, while making foods high in fat, sugars and/or salt less attractive and affordable.

The food systems can be considered as being made up of four sub-systems: agricultural production; food storage, transport and trade; food transformation; and food retailing and provisioning. Action is needed in all four of the sub-systems in order to make nutrient-rich foods more available, affordable and desirable in a sustainable way. Examples include shifting agriculture research investments to focus not only on staples but also on sustainably produced nutrient-rich crops. This, together with an investment in renewable energy-driven transport and cold-chain infrastructure to reduce food losses, would not only contribute to increasing the availability of such foods, but also to making them more affordable. In terms of food transformation, actions can range from encouraging food reformulation laws, to supporting the establishment of investment funds for start-up Small and Medium Enterprises that produce nutrient-rich foods. Food environments, the physical space where most consumers buy their food, has a key role to play in steering eating practices. Here actions could include policies to improve food safety in informal and wet markets, taxes to discourage the consumption of foods high in fat, sugar and/or salt, or price incentives to encourage street vendors to use ingredients of better nutritional quality while adhering to food safety standards.

In such a comprehensive and concerted effort, all actors are key. The private sector – in all segments of the food system, and of all sizes – is an important stakeholder in supporting healthy food environments. Governments have a key role to play in setting appropriate standards and guidelines, and in creating an environment that provides incentives to the private sector to make nutrient-rich, safe and affordable foods more accessible. Civil society and academia also contribute importantly by raising consumer awareness, transmitting knowledge and changing dominant food cultural and social norms towards healthy eating by making, for example, some foods more socially desirable.

This session will discuss what it would take to transform food systems so that they deliver on healthy diets.

High Level Event on Mediterranean Diet

Our current food systems are challenged to deliver on the healthy diets needed for optimal health, and thus the global call for food systems transformation. Poor diets have become a major contributor to disease and death. While nutrition is in transition all over the world, climate change and biodiversity loss are seriously undermining our ability to feed and nourish an ever-growing global population. The Mediterranean Diet was declared in 2013 as the World's Intangible Cultural Heritage by UNESCO. According to UNESCO, 'the Mediterranean Diet is a set of traditional practices, knowledge and skills passed on from generation to generation and providing a sense of belonging and continuity to the concerned communities'. There are lessons to learn from the Mediterranean Diet. It is a diet that is characterized by high consumption of vegetables, fruits and legumes, moderate amounts of dairy products, low to moderate amounts of seafood and poultry, low amounts of red meat, and olive oil as the main type of added fat. It's also linked to the original Greek concept of *diaita* – "way of life".

The practice of "breaking bread together" has deep Mediterranean roots and evokes the peace-making and solidarity-building powers of sharing food security with others- no doubt a critical skill in a region that has been a crossroads of culture for millennia.

Through a large body of research, the Mediterranean Diet has been widely recognized as a healthy dietary pattern linked to better health outcomes. The Mediterranean region offers an example of a diet where food production and consumption are interlinked to produce multiple benefits in terms of health and sustainability. Unfortunately, the Mediterranean Diet is being eroded in its region of birth. Factors such as urbanization, increased availability of prepared and processed foods, mobility and migration are exerting pressure on traditional diets in the Mediterranean. Other traditional diets around the world are also under pressure.

In our quest for healthy diets, the Mediterranean Diet represents a dietary pattern to learn from in terms of sustainable production and consumption. This session's discussions will revolve around how to preserve the principles of the Mediterranean Diet as an intangible food systems heritage, and how to ensure this heritage is preserved by current and future generations.



AGENDA

Day 1

10 June 2019

Time	Agenda
9:00–10:30	FAO Director-General's roundtable with partner academia representatives (by invitation only)
11:00–11:05	Chair: Roberto Ridolfi, Assistant Director-General, Programme Support and Technical Cooperation Department, FAO
11:05–11:15	Opening Welcome Statement José Graziano da Silva, FAO Director-General
11:15–12:00	Remarks <ul style="list-style-type: none"> • Hilal Elver, Special Rapporteur to the Right to Food, Office of the United Nations High Commissioner for Human Rights • Tedros Adhanom Ghebreyesus, WHO Director-General (video message) • Sandy Thomas, Director, Global Panel on Agriculture and Food Systems for Nutrition • David J. Lane, President of the Annenberg Foundation Trust • Mario Arvelo Caamaño, Chairperson, Committee on World Food Security
12:00–14:00	Lunch break *
14:00–14:05	Chair: David Nabarro, 2018 World Food Prize Laureate, Curator Food Systems Dialogues, London
14:05–14:35	PANEL 1: Research, Knowledge Gaps and Needs for Sustainable Food Systems and Healthy Diets Keynote: Corinna Hawkes, Director of the Centre for Food Policy, City, University of London
14:35–15:25	Panelists <ul style="list-style-type: none"> • Marcela Villarreal, Director, Partnerships Division, FAO • Rob Knight, Professor of Pediatrics, Bioengineering, Computer Science and Engineering, University of California, San Diego, USA • Carlos Monteiro, Professor of Nutrition and Public Health, University of São Paulo • Sara Roversi, Founder, Future of Food Institute • Grace Marquis, Associate Professor, School of Human Nutrition, McGill University
15:25–15:55	Q&A Session
15:55–16:10	Summary by the Chair
16:10–17:10	Signature of MoUs with academia partners

*** ES Seminar** – Microbiome Research: what does this mean for the future of food and healthy diets?
Speaker: Rob Knight, Professor of Pediatrics, Bioengineering, Computer Science and Engineering, University of California, San Diego, USA – from 12.30 to 13.30 (Austria Room)

Day 2

Time	Agenda
09:00–09:05	Welcome Statement: Máximo Torero Cullen, Assistant Director-General, Economic and Social Development Department, FAO
09:05–09:10	Moderator: Paul Amuna, Subject Matter Expert in Research, Primary Health Care Corporation, Qatar
09:10–09:40	PANEL 2: Governance of Food Systems for Healthy Diets Keynote: Senator Guido Girardi, author of the Chilean Nutritional Labelling and Advertising Law, Senate of the Republic of Chile
09:40–10:30	Panelists <ul style="list-style-type: none"> • Patrick Mink, Co-Chair of the Multistakeholder Advisory Committee of the One Planet (10YFP) Sustainable Food Systems Programme, Switzerland • Mariam Harib Sultan Al Yousuf, Executive Director of the Abu Dhabi Food Control Authority • Rickard Bjerselius, Head of Team Risk-Benefit Management And Environment, Swedish National Food Agency • Visith Chavasit, Professor, Institute of Nutrition, Mahidol University, Thailand • Stefano Prato, Managing Director and Editor, Society for International Development
10:30–11:00	Q&A Session
11:00–11:10	Summary by the Moderator
11:10–11:25	Break
11:25–11:30	Moderator: Catherine Geissler, International Union of Nutritional Sciences, Secretary General, Professor Emerita of Human Nutrition, King's College London
11:30–12:00	PANEL 3: Building Consumer Confidence in Food Systems Keynote: Marion Nestle, Paulette Goddard Professor of Nutrition, Food Studies, and Public Health at New York University and author of "Food Politics"
12:00–12:50	Panelists <ul style="list-style-type: none"> • Tim Lobstein, Director of Policy, World Obesity Federation • Simona Castaldi, Research Project Manager, Barilla Center for Food and Nutrition • Amos Laar, Senior Lecturer, University of Ghana • Justin Macmullan, Advocacy Director, Management Team Member, Consumers International • Sharada Keats, Senior Associate, Policy and Advocacy, Global Alliance for Improved Nutrition
12:50–13:20	Q&A Session
13:20–13:30	Summary by the Moderator
13:30–14:00	Lunch break

Time	Agenda
14:00–15:00 *	High Level Event on the Mediterranean Diet with the Directors-General of FAO, CIHEAM and UNESCO *
	<p style="text-align: center;">Introduction: José Graziano da Silva, FAO Director-General</p> <p style="text-align: center;">Opening Statements:</p> <ul style="list-style-type: none"> • Plácido Plaza, Secretary General of CIHEAM • Audrey Azoulay, UNESCO Director-General (video message) • Gaetana Ferri, Director General for Food Hygiene, Safety and Nutrition, Ministry of Health, Italy <p style="text-align: center;">Keynote: Adherence to the Mediterranean Diet: from Analysis to Food Systems Intervention – Farah Naja, Associate Professor, Department of Nutrition and Food Sciences, American University of Beirut</p> <p style="text-align: center;">Moderator: Anna Lartey, Director, Nutrition and Food Systems Division, FAO</p>
	Q&A Session
	Concluding remarks: Marcela Villarreal, Director, Partnerships Division, FAO
15:00–15:05	Moderator: Patrick Webb, Alexander McFarlane Professor, Friedman School of Nutrition Science and Policy, Tufts University
15:05–15:35	PANEL 4: Transforming Food Systems: What Does it Take? Keynote: Jessica Fanzo, Bloomberg Distinguished Associate Professor, Director of Global Food Ethics and Policy Program, John Hopkins University
15:35–16:35	<p style="text-align: center;">Panelists</p> <ul style="list-style-type: none"> • Tom Arnold, Chair of Task Force on Rural Africa established by the European Commission • Luigi Scordamaglia, Managing Director of INALCA and President of Filiera Italia • Bela Gil, Chef, Author, TV show host and Food Activist • Alison Cairns, Director, Food Systems Transformation, World Business Council for Sustainable Development • David Salt, Professor of Genome Enabled Biology, University of Nottingham • Boyd Swinburn, Professor of Population Nutrition and Global Health, University of Auckland
16:35–17:05	Q&A Session
17:05–17:15	Summary by the Moderator
17:15–17:25	Closing Remarks: José Graziano da Silva, FAO Director-General

* A light lunch will be provided behind the Sheikh Zayed Centre to participants attending the High Level Event on the Mediterranean Diet, from 13:30 to 14:00

SPEAKERS

José Graziano da Silva

Director-General, Food and Agriculture Organization of the United Nations



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 (1 August 2015 to 31 July 2019) with the votes of 177 countries during FAO's 39th Conference.

At the helm of FAO, Graziano da Silva has sharpened the Organization's strategic focus; and is strengthening its field presence. He is also working to instill a best value-for-money culture. At the international level, he is working to build consensus on food security-related issues.

He has also encouraged closer cooperation with development partners, supports South-South cooperation, and has increased collaboration with civil society and private sector entities, including farmer organizations and cooperatives for smallholder producers.

Roberto Ridolfi

Assistant Director-General, Programme Support and Technical Cooperation Department, FAO



Roberto Ridolfi currently holds the position of Assistant Director-General, Programme Support and Technical Cooperation Department at FAO. He was appointed in January 2019, being promoted from the role of Special Adviser to the Deputy Director-General (Programmes) on Strategy and Financing Development, which he held in 2018, detached from the European Commission.

From 2013 to 2017, Ridolfi served as Director of the Directorate C – Planet and Prosperity under the Directorate-General for International Cooperation and Development (DG DEVCO) at the European Commission.

Ridolfi joined the European Commission in 1994, after a 10-year experience in both academia and private sector. He began as Development Adviser at the EU Delegation to Malawi, followed by Namibia and Kosovo. He then coordinated the Public-Private Partnership unit for the enlargement of the EU. Head of the EuropeAid division, between 2004 and 2005 he managed programmes on environment and climate change, rural development, food security and migration, as well as the One-Billion-Euro Food Facility in 50 countries.

Ridolfi served as EU Ambassador and Head of delegation for the Pacific in Suva, Fiji from 2005 to 2007, and as EU Ambassador to Uganda from 2011 to 2013.

Hilal Elver
Special Rapporteur on the Right to Food



Since 2014, Ms. Hilal Elver has served as the Special Rapporteur on the right to food, responsible for carrying out the right to food mandate as prescribed by the United Nations Human Rights Council, with the assistance of her team. Hilal Elver is an international law professor and a Global Distinguished Fellow at the UCLA Law School Resnick Food Law and Policy Center; she is also a research professor at the UC Santa Barbara, where she has been Distinguished Visiting Professor since 2002. Previously she was the UNEP Chair on Environmental Diplomacy at the Mediterranean Academy of Diplomatic Studies in Malta; and taught at the University of Ankara, Faculty of Law.

Ms. Elver has also served to the Turkish government as the founding legal adviser of the Ministry of Environment, and to the General Director of the Women Status at office of the Prime Minister. Until very recently she was also a member of the Turkish team at the Climate Change negotiations.

Her publications focus on environmental law, climate change, food security, human rights and women rights.

Tedros Adhanom Ghebreyesus
Director-General, World Health Organization



Dr Tedros Adhanom Ghebreyesus was elected as WHO Director-General for a five-year term by WHO Member States at the Seventieth World Health Assembly in May 2017.

He is the first WHO Director-General to have been elected from multiple candidates by the World Health Assembly, and is the first person from the WHO African Region to serve as WHO's chief technical and administrative officer. Immediately after taking office on 1 July 2017 Dr Tedros outlined five key priorities for the Organization: universal health coverage; health emergencies; women's, children's and adolescents' health; health impacts of climate and environmental change; and a transformed WHO.

Prior to his election as WHO Director-General, Dr Tedros served as Ethiopia's Minister of Foreign Affairs from 2012 to 2016. In this role he led efforts to negotiate the Addis Ababa Action Agenda, in which 193 countries committed to the financing necessary to achieve the Sustainable Development Goals. Dr Tedros served as Ethiopia's Minister of Health from 2005 to 2012, where he led a comprehensive reform of the country's health system. All roads lead to universal health coverage for Dr Tedros, and he has demonstrated what it takes to expand access to health care with limited resources.

Sandy Thomas
Director, Global Panel on Agriculture and Food Systems for Nutrition



Professor Sandy Thomas is the Director of the Global Panel on Agriculture and Food Systems for Nutrition. She is also Chair of the UK Food Standards Agency's Science Council. Previously she headed the UK Government's Foresight Programme in the Government Office for Science, from 2006 to 2014.

Trained as a scientist at the University of London (BSc Botany and Zoology, PhD Plant Genetics), she held a lectureship at the University of London before joining the Science Policy Research Unit (SPRU) at the University of Sussex (1987-1997) where she focused on life sciences, biotechnology and intellectual property rights. From 1997 to 2006, she served as Director of the Nuffield Council on Bioethics. She has published widely on the development of public policy in science and has also served on several national committees.



David J. Lane
President of the Annenberg Foundation Trust

David J. Lane is president of The Annenberg Foundation Trust at Sunnylands, a post he has held since September 2016. Over the course of his career, he has been a leader in both non-profit and governmental sectors, including serving as US Representative to the United Nations Agencies in Rome from May 2012 until August 2016. Ambassador Lane also served in the Obama administration as assistant to the president and counselor to the White House chief of staff prior to his service in Rome.

From 2007 until 2011, Ambassador Lane served as president and chief executive officer of the ONE Campaign, a global advocacy organization focused on extreme poverty, especially issues of global health, economic development, and effective governance. Before that, from 2001 until 2007, he founded and managed the East Coast office of the Bill & Melinda Gates Foundation. As director of foundation advocacy, he shaped and executed the Gates Foundation's strategy and approach to advocacy in areas such as global health, poverty alleviation, and education reform.

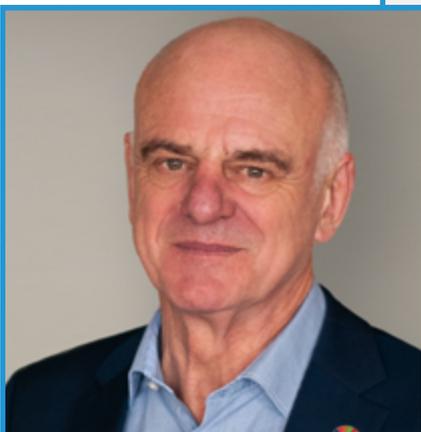


Mario Arvelo Caamaño
Chairperson, Committee on World Food Security

Mario Arvelo is a lawyer, political scientist, writer, public speaker, and career diplomat. He is the Ambassador, Permanent Representative of the Dominican Republic to the Rome-based UN agencies and Chairperson of the Committee on World Food Security.

He has been posted to the Permanent Mission to the Organization of American States in Washington DC, and to the Dominican Embassies in Tokyo, Santiago de Chile, and Rome. Since 2014 he has been the First Alternate Chairperson of the Appeals Committee of the United Nations Food and Agriculture Organization (FAO) and the World Food Programme (WFP), and is a member of the Governing Council and the Executive Board of the International Fund for Agricultural Development (IFAD).

He has been Chair of the FAO Committee on Agriculture; Chair of the Global Soils Partnership; Chair of the Commission on Budget, Programmes and Reform at FAO; Chair of the Group of 77; Chair of the Community of Latin American and Caribbean States; Chair of the Group of Countries of Latin America and the Caribbean; Chair of the Central American Integration System; Interim Chair of the High Level World Conference on Food Security, the Challenges of Climate Change and Bio-energy; Acting Chair and Vice-Chair of the FAO Committee for Evaluation of Technical Cooperation Programmes; and Vice-Chair of the FAO Regional Conference for Latin America and the Caribbean (in Brasilia and in Buenos Aires).



David Nabarro
2018 World Food Prize Laureate, Curator Food Systems Dialogues, London

Dr David Nabarro is Professor of Global Health at the Imperial College London and supports systems leadership for sustainable development through his Switzerland based social enterprise 4SD. Furthermore, he Co-Facilitator for the Climate Action Summit in September 2019, Advisor at the Global Commission on Adaptation in Rotterdam, and curator of the Food Systems Dialogues. David secured his medical qualification in 1974 and has worked in over 50 countries – in communities and hospitals, governments, civil society, universities, and in United Nations (UN) programs.

David worked for the British government in the 1990s as head of Health and Population and director for Human Development in the UK Department for International Development. From 1999 to 2017 he held leadership roles in the UN system on disease outbreaks and health issues, food insecurity and nutrition, climate change and sustainable development. In October 2018, David received the World Food Prize together with Lawrence Haddad for their leadership in raising the profile and building coalitions for action for better nutrition across the Sustainable Development Goals.



Corinna Hawkes

Director of the Centre for Food Policy, City, University of London

Professor Corinna Hawkes is Director of the Centre for Food Policy. She joined the Centre in January 2016 bringing with her a diversity of international experience at the interface between policy and research. Her work supports the design and delivery of policies and actions that effectively and equitably improve the quality of diets locally, nationally and internationally. A regular advisor to governments, international agencies and NGOs, she has worked with international agencies, governments, NGOs, think tanks and universities. Her work is concerned with all forms of diet-related ill-health, including obesity, malnutrition and diet-related non-communicable diseases, with a current focus on obesity prevention.

In 2018 Corinna was appointed by the Mayor of London to serve as Vice Chair of the London Child Obesity Taskforce, which has the ambitious goal of reducing obesity among London's children. She also sits on the London Food Board, is an advisor to The Food Foundation. She acts as an advisor to the Bloomberg Philanthropies Obesity Program and is on the Scientific Advisory Council of Healthy Food America. She serves as advisor to the Co-Create project and is on the Strategic Advisory Committee of Intake: Centre for Dietary Assessment.

Corinna has served on a variety of international initiatives. She was Co-Chair of the Independent Expert Group of the Global Nutrition Report, an international report tracking progress in malnutrition in all its forms across the globe between 2015-18. Between 2016-18 she was Co-Chair of the World Economic Forum's Global Future Council on Agriculture and Food Security. She was part of the Lancet Commission on Obesity and the EAT-Lancet Commission on Healthy Diets from Sustainable Food Systems. In 2008 she chaired the WHO Expert Group on Marketing Food and Non-alcoholic Beverages to Children and in 2010 was co-chair of the Pan American Health Organizations Expert Group on Food Marketing to children.



Marcela Villarreal

Director, Partnerships Division, FAO

Marcela Villarreal has a PhD in Rural Sociology from Cornell University and a BA/MA in Systems and Computing Engineering from the University of Los Andes in Bogotá. She is responsible for the implementation of FAO's innovative strategies on partnerships with the private sector, civil society, academia and research institutions. She coordinates the implementation of the Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security (VGGT), the initiative on the Principles for Responsible Investment in Agriculture (CFS-RAI), FAO's policy on Indigenous Peoples, the Milan Urban Food Policy Pact, the Parliamentarian Fronts against Hunger initiative and the Decade of Family Farming, among others.



Rob Knight

Ph.D. Professor of Pediatrics, Bioengineering and Computer Science & Engineering, University of California San Diego

Rob Knight is the founding Director of the Center for Microbiome Innovation and Professor of Pediatrics, Bioengineering, and Computer Science & Engineering at UC San Diego. He is the author of "Follow Your Gut: The Enormous Impact of Tiny Microbes" (Simon & Schuster, 2015), and coauthor of "Dirt is Good: The Advantage of Germs for Your Child's Developing Immune System" (St. Martin's Press, 2017). He co-founded the Earth Microbiome Project, and the American Gut Project, which is among the largest crowdfunded science projects of any kind to date.

He has spoken at TED and Davos, written three books and over 600 scientific articles, and in 2017 he won the Massry Prize, often considered a predictor of the Nobel. His work has linked microbes to a range of health conditions including obesity and inflammatory bowel disease, has enhanced our understanding of microbes in environments ranging from the oceans to the tundra, and made high-throughput sequencing techniques accessible to thousands of researchers around the world.

**Carlos Monteiro**

Professor of Nutrition and Public Health, University of Sao Paulo

Carlos Monteiro, MD, PhD, is a Professor of Nutrition and Public Health at the School of Public Health, University of Sao Paulo, Brazil. He is the Head of the University of Sao Paulo Center for Epidemiological Studies in Health and Nutrition. His research lines include methods in population nutritional and food intake assessment, secular trends and biological and socioeconomic determinants of nutritional deficiencies and obesity and other nutrition-related chronic diseases, food processing in the food system and human health, and food and nutrition programmes and policies evaluation.

On these subjects, he has published more than 200 journal articles that had more than 10,000 citations in the Web of Sciences. He has served on numerous national and international nutrition expert panels and committees. At present, Professor Monteiro is a member of the WHO Nutrition Expert Advisory Group. In 2010, he received the PAHO Abraham Horwitz Award for Excellence in Leadership in Inter-American Health.

**Sara Roversi**

Founder, Future of Food Institute

For Sara, nothing beats transforming the future of food's authenticity and sustainability. Blending the power of education and technology with inspiration to powerfully influence the food industry is the name of the game. Sara is an experienced entrepreneur, thought leader and disrupter in food ecosystem and security programs. As a seasoned growth expert, she works with globally recognised high-profile think tanks on setting the agenda for the sustainable food industry. Described as a game changer who knows how to apply radical change tactics for outstanding results, she has a flair for exploration and creative solutions. She's often a sparring partner of key decision makers in business and government institutions. For the last 10 years, Sara's focused on inspiring and empowering creative and responsible food entrepreneurs through educational programs and disruptive innovation experiences. She is the founder and director of Future Food: a for purpose organization effecting evolving positive change in life on earth, promoting food innovation as a strategic element to achieve sustainable and impactful growth. Her mission is to take creative and responsible food entrepreneurs to the next level of achievement through education, research projects and disruptive innovation experiences.

**Grace S. Marquis**

Associate Professor, School of Human Nutrition, McGill University

Grace S. Marquis is Associate Professor at McGill University and Associate Professor/ Collaborator at Iowa State University. Her research career began in Peru at the Instituto de Investigación Nutricional. In 1999, her research group started working in Ghana. These long-term collaborations continue today. The work in Ghana is primarily through the Nutrition Research and Training Centre, a permanent research site which she built in the Eastern Region in collaboration with faculty at the University of Ghana (<https://mcgill.ca/cine/research/building-capacity-sustainable-livelihoods-and-health-ghana>).

Her community-based research examines how many social, cultural, biological, and environmental factors interact and the mechanisms by which they alter a household's ability to provide optimal feeding and caregiving for young children. Based on acquired knowledge, her research group develops alternative strategies that will support child health and growth and are feasible for families in poverty. Dr. Marquis is Associate Editor for *Advances in Nutrition*. She was the Canadian Research Chair in Social and Environmental Aspects of Nutrition from 2006 to 2016. She received a Doctorate of Laws, honoris causa, for contribution to tertiary education from the University of Ghana in 2013.



Máximo Torero Cullen

Assistant Director-General, Economic and Social Development Department, FAO

Máximo Torero Cullen is the Assistant Director-General, Economic and Social Development Department of the Food and Agriculture Organization since January 2019. Prior to joining FAO, he was the World Bank Group Executive Director for Argentina, Bolivia, Chile Paraguay, Peru and Uruguay. Before the World Bank, Torero led the Division of the Markets, Trade, and Institutions at the International Food Policy Research Institute (IFPRI). His major research work lies mostly in analyzing poverty, inequality, importance of geography and assets (private or public) in explaining poverty, and in policies oriented towards poverty alleviation based on the role played by infrastructure, institutions, and on how technological breakthroughs (or discontinuities) can improve the welfare of households and small farmers. His experience encompasses Latin America, Sub-Saharan Africa, and Asia.

Torero, a national of Peru, holds a Ph.D. and a Master's Degree in Economics from the University of California, Los Angeles (UCLA), and a Bachelor's degree in Economics from the University of the Pacific, Lima, Peru. He is a professor on leave at the University of the Pacific (Perú) and an Alexander von Humboldt Fellow at University of Bonn, Germany and has also published in top journals (QJE, Econometric Theory, AER-Applied Microeconomics, RSTAT, Labor Economics and many other top journals).

Torero has received in 2000 the Georg Foster Research Fellowship of the Alexander von Humboldt Foundation, won the Award for Outstanding Research on Development given by The Global Development Network, twice, in 2000 and in 2002 and received the Chevalier de l'Ordre du Mérite Agricole in 2014.



Paul Amuna

Subject Matter Expert in Research, Primary Health Care Corporation, Qatar

Dr Paul Amuna is a physician scientist and consultant in international nutrition and public health. A graduate of the University of Ghana medical school with postgraduate training from the University of Sheffield, he is a Fellow of the Royal Society of Medicine, honorary Principal Lecturer/Associate Professor at the University of Greenwich in the United Kingdom (UK) and Adjunct Professor of Public Health, University of Health and Allied Sciences, Ho, Ghana. He has over two decades of research and pedagogical experience and has mentored students and researchers in Europe, Africa and Arab Gulf countries over the past 25 years. He has been a senior academic in human nutrition and public health in the United Kingdom for nearly 25 years during which time he has led research and training including design of postgraduate nutrition and public health programmes at the Universities of Westminster and Greenwich. He also served on the Council of the Nutrition Society (UK) from 2001 to 2007) and as Trustee and chair of the international nutrition committee from 2007 to 2015. He is a trustee of the African Nutrition Society (ANS), serves on a number of international boards and committees and has served as Masters and PhD examiner to UK, European, African and Indian Universities including Aberdeen and Glasgow Universities. He is a Board Member of the e-Nutrition Academy (eNA), a new international multi-stakeholder technology platform to support nutrition workforce training in developing countries. He also served as Advisor to the FAO of the United Nations on the professional training in nutrition education (ENACT) project and is a FAO expert resource person. Paul is currently a Subject Matter Expert in Research (SME-Research) at the Primary Health Care Corporation, Qatar and a faculty member of the Postgraduate Community Medicine and Family Medicine Residency Programmes in Qatar.



Guido Girardi
Senator, Senate of the Republic of Chile

Medical Doctor and graduate of the Universidad de Chile, Senator serving the City of Santiago, Author of the Chilean Nutritional Labeling and Advertising Law, a model initiative in the Americas region and across the globe, and Specialist in public health, environment and science, technology and innovation. Girardi has been the driving force behind multiple issues, including medical patient rights, pharmacological regulation, the Universal Donor Law, tobacco laws, food loss and food waste norms, the introduction of a fast food tax, among others.

Between 2011 and 2012 he was President of the Senate of Chile, as well as Vice-President of the upper house in 2017.

He is former President of the Health Commission and currently President of Environment and Future Challenges, Science, Technology and Innovation Commissions of the Senate. Through the latter, he created and drove the Futures Congress (Congreso Futuro), Latin America's most prominent science, technology and innovation event.



Patrick Mink
Co-Chair of the Multistakeholder Advisory Committee of the One Planet (10YFP) Sustainable Food Systems Programme, Switzerland

Patrick Mink is a Senior Policy Officer at the Swiss Federal Office for Agriculture (FOAG), in the International Affairs and Food Security Unit, which he joined in 2013. In this position he was closely involved in the process for defining the Sustainable Development Goals.

He has been playing an active role in the development and implementation of the One Planet (10YFP) Sustainable Food Systems (SFS) Programme, ensuring its management and coordination as part of Switzerland's role as Co-Lead of that Programme. Before joining FOAG he held positions in the UN system as well as with civil society organizations, working on areas including agro-biodiversity and rural development. He has a Master degree in International Relations from the Graduate Institute of International and Development Studies, Geneva.



Mariam Harib Sultan Al Yousuf
Executive Director, Abu Dhabi Food Agriculture and Food Safety Authority, Control Sector

The Executive Director of the Control sector at Abu Dhabi Food Agriculture and Food Safety Authority (ADAFSA) since 2017, she has been the Executive Director of the Policy and Regulation sector for 8 years (2008 -2016). As a decision maker, she has led the establishment of the policy and regulatory platform pertaining to the agriculture and food safety domains within the Emirate of Abu Dhabi and has strong engagement in setting the strategic plan for the Authority as well as capacity building. Dr Mariam is a board member of the Zoo and Aquarium Public Institution in Al Ain in UAE since 2017.

Dr. Mariam has previously occupied the post of the Assistant Director General of the Food Safety Sector during 2006-2007; prior to this, in 2002, she worked in the United Arab Emirates University as Assistant Professor in the College of Science, Department of Chemistry. In 2004 she worked as Director of Research in Zayed Complex for Herbal Research and Traditional Medicine. Dr.Mariam received her Bachelor of Science in Chemistry/Physics, University of the United Arab Emirates in 1989; and Master of Science in Environmental Sciences, UAE University in 1995; and her PhD in Chemistry of Medicinal Plants from the University of Portsmouth, UK, School of Pharmacy and Biomedical Sciences, in 2002; and received her second Master's degree in Security and Strategic Studies, from the National Defense college in UAE in 2016.



Rickard Bjerselius

Head of Team Risk-Benefit Management And Environment, Swedish National Food Agency

Dr Bjerselius holds a PhD in animal physiology since 1994, he has worked at the Swedish national Food Agency for 18 years, both as a risk assessor and during the last years as a risk manager. Dr Bjerselius currently leads the team responsible for national Swedish consumer advices and sustainable consumption, including food waste and climate changer adaption.

"The important work with consumer advices on safe and nutritional foods, together with the important national and global work for a sustainable consumption, is most often a task that is in accordance with each other"

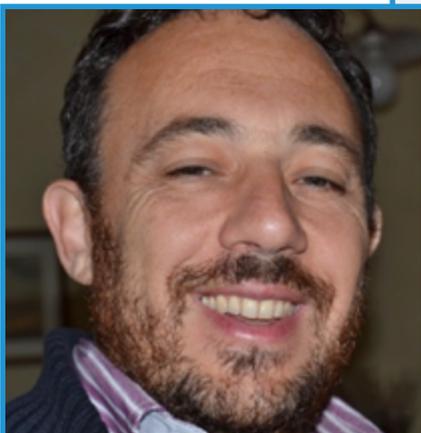


Visith Chavasit

Professor, Institute of Nutrition, Mahidol University, Thailand

Professor Visith Chavasit is a faculty member at the Institute of Nutrition, Mahidol University, Salaya, Nakhonpathom 73170, Thailand. He graduated as a Doctor of Philosophy in Food Science from the Department of Food Science and Technology, Oregon State University, USA. During 2007-2015, he was the director of the Institute of Nutrition, Mahidol University.

His research interests are on food fortification and health food product development, which allowed him to be a consultant for many international organizations such as ICCIDD, World Bank, GAIN, UNICEF as well as Thailand's Food and Drug Administration. A number of his innovations and developments have been adopted for commercialization and national policies. Besides from his missions at the university, he also serves as the Expert on Food Education in the National Food Committee, consultant at Theppadungporn Coconut Co. Ltd. as well as Independent Director and Chairperson of Risk Assessment Committee of Thai President Foods Public Co. Ltd.



Stefano Prato

Managing Director and Editor, Society for International Development

Stefano Prato (Italy) is the Managing Director of the Society for International Development (SID) and the Editor of SID's Quarterly Journal "Development". He is the coordinator of the Civil Society Financing for Development Group and member of the Editing Team of the annual Spotlight Report on Sustainable Development. He currently serves as Co-Chair of the Steering Group of HLPF Major Groups and other Stakeholders Coordination Mechanism.

He served as one of the Advisors to the UN Secretary General's High-Level Panel of Eminent Personalities for the Post-2015 Development Agenda. He is also the co-coordinator of the global Civil Society Nutrition Group and member of the Editorial Board of the Right to Food Watch. He is a very active participant of the Civil Society Mechanism (CSM) of the Committee on World Food Security and co-facilitates the CSM Working Groups on Food Systems & Nutrition, Agroecology, Sustainable Agriculture & Livestock, and SDGs. His most recent areas of interest address the democratization of global economic governance and the reform of the international financial architecture, pathways to de-financialization of the global economy, the corporate capture of food, agriculture and nutrition, and the political economies of inequalities, particularly in the African context. Before joining SID, he was actively engaged in several Italian development cooperation organizations as well as social development volunteer-based organizations. He graduated in Economics at the Faculty of Economics and Business Administration "La Sapienza" of Rome, Italy. In his spare time, he pursued a second University degree in veterinary medicine and completed his PhD in Animal Health, Food Safety and Livestock Management while also enjoying a limited practice of veterinary medicine.

Catherine Geissler

Secretary General of International Union of Nutritional Sciences (IUNS), Professor Emerita of Human Nutrition, Kings College London



Catherine Geissler is currently Professor Emerita of Human Nutrition, King's College London and Secretary General of the International Union of Nutritional Science (IUNS) (2013-2017, 2017-2021), and past President of The Nutrition Society of the UK & Ireland (2013-16). Her main research interests are in international public health nutrition; energy metabolism and obesity; and iron metabolism. She spent her early life in Edinburgh, Scotland from birth to graduation in Dental Surgery. After a research year in Paris on a grant from the French Government, she worked as a Dental Surgeon in Scotland then moved to California, where she carried out dental nutrition research in the University of California, Berkeley, while studying for a Masters degree in Human Nutrition. This was followed by two years in Tehran, Iran, working on various research projects in the Nutrition Institute including field work for her own research in lactation for a PhD in Human Nutrition from Berkeley. Professor Geissler was first appointed to the University of London as Lecturer in Nutrition at Queen Elizabeth College, subsequently merged with King's College London. She became Professor of Human Nutrition, Head of Department of Nutrition and Dietetics and Head of the Division of Health Sciences, and was Director of the National Higher Education Academy Subject Centre for Health Sciences and Practice between 2000-2011. She has served on many professional committees including the Ministry of Agriculture, Food and Fisheries (MAFF) Food Advisory Committee, the World Cancer Research Fund grants committee, and the British and American Nutrition Societies, and extensively as consultant to international development agencies including the World Bank, CGIAR, FAO, WHO, UNICEF, British Council, in many countries including Iran, Haiti, Mauritius, Sierra Leone, Niger, Benin, Senegal, Ghana, Ethiopia, Yemen, Thailand, Philippines, Singapore, Indonesia, Malaysia and China

Marion Nestle

Paulette Goddard Professor of Nutrition, Food Studies, and Public Health, New York University



Marion Nestle is Paulette Goddard Professor, of Nutrition, Food Studies, and Public Health, Emerita, at New York University, in the department she chaired from 1988-2003 and from which she officially retired in September 2017. She is also Visiting Professor of Nutritional Sciences at Cornell. She earned a Ph.D. in molecular biology and an M.P.H. in public health nutrition from the University of California, Berkeley, and has been awarded honorary degrees from Transylvania University in Kentucky (2012) and from the City University of New York's Macaulay Honors College (2016). Her previous faculty positions were at Brandeis University and the UCSF School of Medicine. From 1986-88, she was senior nutrition policy advisor in the Department of Health and Human Services and editor of the 1988 Surgeon General's Report on Nutrition and Health. Her research examines scientific and socioeconomic influences on food choice, obesity, and food safety, with an emphasis on the role of food marketing. She is the author of ten books, most of them about food policy and politics. Among her recent honors are the John Dewey Award for Distinguished Public Service from Bard College in 2010, the Public Health Hero award from the University of California School of Public Health at Berkeley in 2011, the James Beard Foundation Leadership Award in 2013, and the Public Health Association of New York City's Media Award in 2014. In 2016, her book, *Soda Politics*, won literary awards from the James Beard Foundation and the International Association of Culinary Professionals (IACP). In 2018, she was honored with a Trailblazer Award from the IACP, the Grand Dame Award from Les Dames d'Escoffier, and inducted into Cherry Bombe's Hall of Fame. She writes an (almost) daily blog at www.foodpolitics.com, and engages in Twitter @marionnestle.



Tim Lobstein
Director of Policy, World Obesity Federation

Dr Tim Lobstein is the Director of Policy at the World Obesity Federation (the body formed from merging the International Association for the Study of Obesity and the International Obesity TaskForce). He is also Visiting Professor at the Boden Institute, University of Sydney, Australia, and Adjunct Professor of Public Health Advocacy, at Curtin University, Western Australia. Dr Lobstein is the lead author of the highly-cited scientific report Obesity in children and young people (Obesity Reviews 5(S1) 2004), and author of consultancy reports for the World Health Organization's European, Middle East and Geneva HQ offices, and co-author of European Commission-published reports on the state of nutrition policy in Europe and on health disparities in obesity and nutrition in Europe. He is a member of the Lancet Commission on the Global Syndemic of Obesity, Undernutrition and Climate Change, and is author of over 50 scientific papers on food policy and child health. Dr Lobstein has been Principal Investigator for EU-funded projects including the PolMark (Policies on marketing food and beverages to children, 2008-2010) and StanMark (Standards for Marketing foods and beverages to children, 2010-2018). He has written several chapters for standard textbooks on obesity in childhood and obesity prevention. He is currently concerned with environmental endocrine disruptors linked to child obesity, and in the development of indicators for sustainable food supplies.



Simona Castaldi
Research Project Manager, Barilla Center for Food and Nutrition

Professor of Ecology at Università degli Studi della Campania "Luigi Vanvitelli". Research project manager of the EU project SU-Eatable LIFE for the Foundation "Barilla Center for Food & Nutrition" (BCFN). PhD and Research Fellow at the University of Edinburgh, UK, from 1993 to 1997. Her research focuses on ecosystem services, sustainable land management, climate and global changes and sustainability of the food chain. She has coordinated research activity on these subjects on more than 20 projects in frameworks of EU calls FP4, FP6, FP7, COST, ERC, LIFE2016, national programs (PRIN, FISR, INGV), and bilateral agreements with USA, Russia and Venezuela. Scientific consultant for ISMEA, Rete Rurale del Ministero Politiche Agricole e Forestali, Ministero dell'Ambiente and WWF Italia.



Amos Laar
Senior Lecturer, University of Ghana, and President, African Nutrition Association

Dr. Laar has academic training in Nutrition, Public Health, and Bioethics. Currently, his research focuses on two distinct, yet related areas of public health: bioethics (ethics & public health; health & human rights, food ethics, nutrition rights); public health nutrition (nutrition-related non-communicable diseases – particularly the nexus between food environment and health).

He has been a Principal/Co-Investigator of several research grants at the University of Ghana. He co-led the UK-AID/Gates Foundation-funded "Dietary Transitions in Ghanaian Cities Project", and the MRC-funded "Dietary Transitions in African Cities Project" (both projects aimed to identify how social, and physical environments drive consumption of energy dense nutrient-poor foods and beverages). Dr. Laar is currently a Principal Investigator of an IDRC-funded project which is "measuring the healthiness of Ghanaian children's food environments to prevent obesity and non-communicable diseases".



Justin Macmullan

Advocacy Director, Management Team Member, Consumers International

Justin spearheads Consumers International's advocacy efforts, including our digital change agenda and the management of our work on food safety and nutrition, sustainable consumption and consumer justice and protection.

In recent years Justin has led Consumers International's contribution to the first ever G20 Consumer Summit, our input into the revision of the UN Guidelines for Consumer Protection and our advocacy on the development of G20 principles on financial consumer protection. Before joining Consumers International in 2007 Justin worked for a UK development agency on international campaigns for the cancellation of developing countries' debts, fairer international trade and action to tackle climate change.



Sharada Keats

Senior Associate, Policy and Advocacy, Global Alliance for Improved Nutrition

Sharada Keats is an agricultural development economist with around 15 years of experience. Her interests include food and nutrition security, food systems, linking smallholder farmers to markets, and gender relations.

Sharada had a brief stint as a research assistant at FAO in Rome, and has worked as a researcher in the Agricultural Development Programme of the Overseas Development Institute. She currently works in Policy and Advocacy at the Global Alliance for Improved Nutrition's London office.



Plácido Plaza

Secretary General of CIHEAM

Plácido Plaza is an Agricultural Engineer with an extensive experience in applied agronomy both in Latin America and in the Mediterranean. He has a long experience in coordinating research networks with universities, research bodies and institutions on Mediterranean Agricultural and Natural Resources-related issues. He has also managed EU-CIHEAM cooperation programs and coordinates educational and research activities in CIHEAM General Secretariat.



Audrey Azoulay
UNESCO Director-General

Audrey Azoulay has been the Director-General of UNESCO since November 2017. Involved in the cultural sector since the start of her professional career, she has, among other things, worked on the financing of the French public audiovisual sector and the reform and modernization of French film support systems. She has also served as an expert with the European Commission on issues concerning cultural and communication. As Cultural Advisor to the President of the French Republic, she notably initiated, in 2014, the design of a plan for the protection of heritage at risk, which she then implemented in 2016 as Minister of Culture and Communication. A former student of the French Ecole Nationale d'Administration, she graduated from Institut d'Etudes Politiques de Paris and holds a Diploma of Business Administration from Lancaster University (United Kingdom). With her longstanding commitment to intercultural and intergenerational dialogue for promoting education for all and the dissemination of scientific and cultural knowledge, Audrey Azoulay is continuing this commitment as the Director-General of UNESCO. Among her priorities at the head of the Organization, she is placing a particular focus on education, especially for women and girls, as a powerful lever for development. She notably launched the initiative "Revive the Spirit of Mosul", which focuses on the human dimension of reconstruction through education and culture. UNESCO has also initiated a global conversation with the public and private sectors and civil society to define ethical principles for a humanist approach to artificial intelligence.



Gaetana Ferri
Director General for Food Hygiene, Safety and Nutrition, Ministry of Health, Italy

Graduated cum laude in Veterinary Medicines with a specialization both in Inspection of food of animal origin in 1982 and in Microbiology in 1987. She started her career as veterinary officer responsible for prophylaxis in 1980 and the following year she enters the managerial career at the Ministry of Health, first as Executive Director and finally, in 2006, as Director General.

She has dealt with prophylaxis of animal infectious diseases, identification of animals and milk quota system, veterinary medicines and animal nutrition, holding, over the years, several positions as a member of Italian official delegations on mission to other countries and OIE, as national expert in the European Union, the WHO and the Council of Europe as well as in EU inspection missions in Third Countries. She was Project Leader in twinning projects in the veterinary health sector, funded by the European Commission, for the achievement of the community acquis in Slovenia, Poland, Lithuania, Israel and Algeria.

Representative of the Ministry of Health in ACCREDIA (The Italian Accreditation Body) since 2012, first as expert, then in the Management Board.

Chairman of the Animal Health Law Working Group at the EU Council during the 2014 Italian Presidency semester and Director General of Collegial Bodies for Health Protection, Secretary General of the Consiglio Superiore di Sanità (CSS), then Director General of Communication and of European and International Relations.

Today she is the Director General for Food Hygiene and Safety and Nutrition as well as the Italian Chief Food Safety Officer (CFSO).

She is the author of scientific and regulatory publications on veterinary topics in national and international journals, and holds teaching assignments in veterinary domain in several Italian Universities.



Farah Naja

Associate Professor, Nutritional Epidemiology, Department of Nutrition and Food Sciences, American University of Beirut

Dr Farah Naja is an associate professor in Nutrition Epidemiology, Faculty of Agriculture and Food Sciences, American University of Beirut (AUB), Lebanon. She earned her doctoral degree from University of Toronto, Canada. Since joining AUB in 2008, Dr Naja has been leading an active research portfolio, with over 60 publications. Her research focus is to explore innovative approaches to study dietary intake, with a focus on the Mediterranean diet and its health and environmental impacts. Recently, Dr Naja has launched the first mother and child cohorts in the Middle East (Lebanon, Qatar and the UAE) to study the effect of dietary patterns intake during the first 1000 days on health and wellbeing later in life.



Anna Lartey

Director, Nutrition and Food Systems Division, FAO

Anna Lartey is Director of the Nutrition and Food Systems Division at the Food and Agriculture Organization of the United Nations, Rome, Italy. She joined FAO in 2013 and she currently leads FAO's work on Food Systems for Improved Nutrition. Prior to that, Anna Lartey was a Professor of Nutrition at the University of Ghana (1986-2015). She was a Fulbright fellow (1994-1998) at the University of California, Davis, USA. She worked as a researcher in Sub-Saharan Africa for 27 years. Her research focussed on maternal and child nutrition. Anna won the University of Ghana's "Best Researcher Award for 2004". She held the International Development Research Center (IDRC, Canada) Research Chair in Nutrition for Health and Socioeconomic Development in Sub-Saharan Africa (2009-2014). She is the recipient of the Sight and Life Nutrition Leadership Award for 2014. Anna Lartey was the President of the International Union of Nutritional Sciences (IUNS, 2013-2017). Anna was awarded a Doctor of Science honoris causa, by McGill University (June 2018).



Patrick Webb

Alexander McFarlane Professor, Friedman School of Nutrition Science and Policy, Tufts University

Patrick Webb is engaged in research and policy guidance around the globe as Director for USAID's Feed the Future Nutrition Innovation Lab (studies ongoing in Nepal, Uganda, Malawi, Tanzania, Bangladesh, and Mozambique), and leads the US government's Food Aid Quality Review (cost-effectiveness trials in Burkina Faso, Sierra Leone and Malawi). In the early 2000s, he worked for the United Nations' World Food Programme as Chief of Nutrition. He was also part of the MDG Hunger Task Force reporting to Secretary General Kofi Annan, and a member of the steering committee of the UN's Standing Committee on Nutrition. Earlier, Dr. Webb spent 9 years with the International Food Policy Research Institute (IFPRI). His high-level interactions with governments and donor organizations globally include work at ministerial levels in countries like North Korea, Kenya, Haiti, Cambodia and Timor Leste.

Dr. Webb's expertise lies in food policy analysis, agriculture, nutrition programming, and emergency relief. His ongoing research involves humanitarian policy and practice, development policy, aflatoxins and environmental enteropathy. He is currently serving as senior adviser to the Global Panel on Agriculture and Food Systems for Nutrition, and a member of the Independent Science and Partnership Council (ISPC) of the Consultative Group on International Agriculture Research (CGIAR). He is an Honorary Professor at Hohenheim University (Stuttgart, Germany), and at Patan Academy of Health Sciences (Kathmandu, Nepal), and he has a faculty position by courtesy at the Fletcher School of Law and Diplomacy (Tufts University, Boston).

Jessica Fanzo

Bloomberg Distinguished Associate Professor, Director of Global Food & Agricultural Policy and Ethics and Policy Program, John Hopkins University

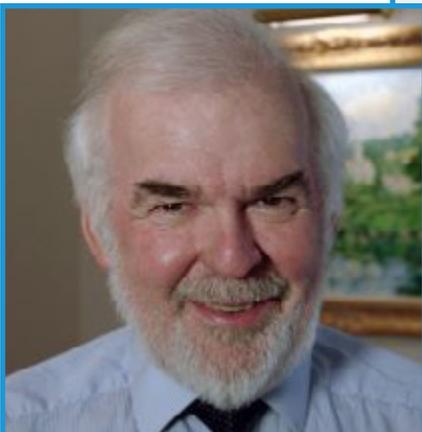


Jessica Fanzo PhD is the Bloomberg Distinguished Associate Professor of Global Food and Agriculture Policy and Ethics at the Berman Institute of Bioethics, the Bloomberg School of Public Health, and the Nitze School of Advanced International Studies (SAIS) at the Johns Hopkins University in the USA. From 2017 to 2019, she served as the Co-Chair of the Global Nutrition Report and the UN High Level Panel of Experts on Food Systems and Nutrition. Before coming to Hopkins, she held positions at Columbia University, the Earth Institute, the Food and Agriculture Organization of the United Nations, the World Food Programme, Bioversity International, and the Millennium Development Goal Centre at the World Agroforestry Center in Kenya.

Professor Fanzo has worked in sub-Saharan Africa, South Asia and East Africa for the last 15 years. Her area of expertise focuses on the multi-sectoral and food system approaches to ensure better nutrition and diets. She was the first laureate of the Carasso Foundation's Sustainable Diets Prize in 2012 for her work on sustainable food and diets for long-term human health. She received her PhD in Nutrition at the University of Arizona and was the Stephen I. Morse Postdoctoral Fellow in Immunology in the Department of Molecular Medicine at Columbia University.

Tom Arnold

Chair of Task Force Rural Africa, European Commission



Tom Arnold is Chair of a Task Force on Rural Africa established by the European Commission in May 2018. He is also former Director General of the Institute of International and European Affairs (IIEA).

From August 2014 to February 2016 he was Interim Coordinator, Scaling Up Nutrition (SUN) Movement; he was also Chairman of the Irish Constitutional Convention (2012-14) and Chief Executive of Concern Worldwide (2001-13).

In his earlier career, he was Chief Economist and Assistant Secretary General with the Irish Department of Agriculture and Food, Chairman of the OECD Committee for Agriculture (1993-98), Chairman of the OECD Working Group on Agricultural Policies and Market, Senior Economist with ACOT, the Irish farm advisory service. He worked as an administrator for the European Commission (1973-83) in agriculture and development, serving in Brussels and in Africa. His current commitments include serving as Chair of the All Island Civic Dialogue on Brexit; Member of: the Lead Group of the Scaling Up Nutrition (SUN) Movement; the Global Panel on Agriculture and Food Systems for Nutrition; the Malabo Montpellier Panel; the Global Alliance for Improved Nutrition (GAIN); and the Sight and Life Foundation. He is a former Chair of the Irish Times Trust and Board member, and a former Member of: the Board of the CGIAR; the UN Millennium Project's Hunger Task Force; the Irish Hunger Task Force; the Irish Government's Commission on Taxation; and the Mary Robinson Foundation for Climate Justice. He has a degree in agricultural economics from University College Dublin and has Masters degrees from Leuven University and from Trinity College, Dublin. He was the recipient of the 2014 Helen Keller International Humanitarian Award.



Luigi Scordamaglia
Managing Director of INALCA and CEO of Filiera Italia

Luigi Scordamaglia is Managing Director of INALCA S.p.A., a leader company in Europe in the meat sector and foodservice distribution with about 2 billion euro of total turnover, operating with production plants and distributive-logistic platforms in 10 extra European Union countries (including in Russia and Africa).

He is also: CEO of FILIERA ITALIA, alliance between the largest Italian food industries and the Italian agricultural production excellence represented by COLDIRETTI; Member of the Board of Directors of the ITALIAN TRADE PROMOTION AGENCY ; Member of the Executive Board of the ITALY-CHINA BUSINESS FORUM; Vice President of the CCIR, Italian chamber of Russian trade ; Member of RABOBANK European Food & Agrobusiness Advisory Board; Member of the General Council of CONFINDUSTRIA (the Italian Confederation of Industry) and member of Confindustria Strategic Committee for internationalization and for industrial relations; Executive Vice President of ASSOCARNI (Italian Meat Industry Association); Member of General Board of Assica (industrial association of meat and cured meat) Coordinator of the International Observatory on Alimentary Italian Sounding. He graduated in Veterinary Science at the University of Perugia where he completed his Ph.D. on "Development, hygiene, wholesomeness and quality of animal products. He acquired a further specialization in "The inspection of foods of animal origin", University of Turin. Post-graduate course in Corporate Finance and Management Control at the Faculty of Economy – University of Modena; Former President of FEDERALIMENTARE (2015-2018), the Federation representing, through its 15 branch association, every sector of the Italian Food and Drink Industry. On the 2nd June 2015 he was awarded with the Knighthood of the Order of Merit.



Bela Gil
Chef, Author, TV show host and Food Activist

Bela Gil is a chef, nutritionist, food activist and author of 4 bestselling cookbooks in Brazil. She graduated in Nutrition from Hunter College, in Culinary Arts from the Natural Gourmet Institute, both in New York, and now she is pursuing a Master's degree in Gastronomic Science at the Slow Food University, in Italy.

She hosts a cooking show where she visits small organic farms, teaches the principles of agroecology and cooks for Brazilian celebrities. Bela's goal is to raise awareness about the importance of healthy cooking in order to sustain a harmonious life and planet.



Alison Cairns
Director, Food Systems Transformation, Food & Nature Program, World Business Council for Sustainable Development

Alison Cairns is Director of Food Systems Transformation, Food & Nature Program. This includes leadership of the Positive Nutrition work and Advocacy & Policy work across the Food & Nature program.

Alison joined WBCSD from Unilever where she was Global Advocacy and Partnerships Director for Sustainable Agriculture and Food Security. There she led on the food and nutrition agenda, and was a member of the UK Government Rio+20 Food Security Task Group. Previously, she has held a number of corporate, public policy and campaigning roles including Head of Government Affairs with the Royal College of Nursing and a Campaigner with Oxfam to advance the Make Trade Fair initiative.

**David Salt**

*Professor of Genome Enabled Biology, School of Biosciences,
University of Nottingham*

David Salt is a Professor of Genome Enabled Biology in the School of Biosciences. His research focuses on the molecular mechanisms that plants use to take up and accumulate the essential mineral nutrients that they need for normal growth and development. He is also interested in how plants mistakenly accumulate potentially toxic trace elements such as cadmium and arsenic. These issues are important for agriculture, human health as plants are a major source of dietary mineral, and food safety due to accumulation of potentially toxic trace elements in food.

Professor Salt is also the Director of the University's Future Food Beacon of Excellence, a new research cluster which addresses the challenges of feeding a growing population in a changing world. The Future Food Beacon is an open research platform that brings together expertise from across the food chain – from soils, crop and livestock production, to food production, nutrition, food access and the historical and cultural aspects of food – to deliver sustainable solutions to global food and nutritional security.

**Boyd Swinburn**

*Professor of Population Nutrition and Global Health,
University of Auckland*

Boyd Swinburn is the Professor of Population Nutrition and Global Health at the University of Auckland and Honorary Professor at the Global Obesity Centre (GLOBE) at Deakin University, Australia (a WHO Collaborating Centre for Obesity Prevention). He is also Co-Chair of World Obesity Policy & Prevention section and co-chair of the Lancet Commission on Obesity.

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