



Marrakech
Partnership



AGRICULTURE ACTION DAY

Agriculture-based climate solutions

Marrakech Partnership for Global Climate Action
23rd Session of the Conference of the Parties (COP) to the United Nations Framework
Convention on Climate Change, Bonn, Germany
Agriculture Action Day

Friday, 10 November 2017
10 AM to 8:00 PM

Organized by the Food and Agriculture Organization of the United Nations (FAO); Government of New Zealand; World Wildlife Fund (WWF); International Union for Conservation of Nature (IUCN); International Climate Forest Initiative (ICFI); Centre for International Forest Research (CIFOR); the World Bank; CGIAR Research Program on Climate Change, Agriculture and Food Security; United Nations Development Programme (UNDP); and the UN Environment Programme (UNEP) and the Climate and Clean Air Coalition (CCAC).



Agriculture-based climate solutions 10 November 2017

Overall Narrative

The impacts of climate change on food systems are a fundamental threat to humankind. Climate change disproportionately affects smallholder and family farmers, pastoralist, fishing and forest communities, who provide the bulk of our planet’s food. At the same time, agriculture contributes almost a quarter of the total anthropogenic greenhouse gas emissions. The event will highlight successful actions that contribute to agriculture-based solutions for addressing climate change in livestock, traditional agriculture systems, water, soil, food loss and waste, and integrated landscape management, and also includes sessions on climate data and Climate-Smart Agriculture. The sessions will feature successful interventions to ensure implementation and link the 2018 Facilitative Dialogue with the longer-term goals of the Paris Agreement. Young farmers will follow the event and present their impressions of the proposed agriculture-based climate solutions during the opening and closing plenaries.

Program Overview of the Agriculture Day

Time	Events in plenary room 6	Time	Parallel events	Time	Parallel events
10.00-10.30	Opening Plenary - High Level				
10.30-12.00	Title: Low carbon livestock: moving forward				
		11.30-13.00	Title: Integrated Landscape Management – Supporting climate change interventions defined in the NDCs	11.30-13.00	Title: Managing Water Scarcity for Agriculture
		Room 10	Room 7		
12.15-13.45	Title: Unlocking the potential of soil organic carbon for climate change action				
14.30-16.00	Title: Downloading climate data to grow agriculture	14:00-15:00	Launch of the Climate-Smart Agriculture sourcebook		
		15.00-16.30	Title: Scaling Up Climate-Smart Agriculture to Achieve the NDCs in the Agriculture Sectors		
		16:45-18:15	Title: Promoting Collaborative Climate Action to Reduce Food Loss and Waste		
16.15-17.45	Title: Globally Important Agricultural Heritage Systems and climate change	Room 1			
18.00-19.30	Title: Reducing the vulnerability of mountain and dryland ecosystems to climate change	Room 1			
19.30-20.00	Closing Plenary: Summary and Action Follow Up				



Events

High-Level Plenary Opening

Time: 10:00-10:30

Room 6

Short description

The High-Level Plenary Opening focuses on agriculture-based climate solutions to unlock adaptation and mitigation potentials and sustain livelihoods. The Opening consists of key note speeches and key messages from a young farmer on initiatives to upscale climate action in the agricultural sectors.

Moderator: René Castro, Assistant Director-General, Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)

Speakers:

- **Dr. Mohamed Ait Kadi**, President of the General Council of Agricultural Development, Morocco
- **Christian Schmidt**, Minister of Food and Agriculture, Germany
- **Inia Seruiratu**, High-level champion for global climate action, Minister for Agriculture, Rural & Maritime Development, and National Disaster Management, Government of the Republic of Fiji
- **Ankit Kawatra**, Founder of Feeding India / 2017 UN Young Leader for SDGs

Contact person (e-mail):

FAO@COP23: Malia Talakai (CBC) Malia.Talakai@fao.org,

FAO-HQ: Liva Kaugure (CBC) Liva.Kaugure@fao.org

Marjanneke Vijge (CBC) Marjanneke.vijge@fao.org

Notetaker: Nick Ross



Low Carbon Livestock: Moving Forward

Time:10:30-12:00 | Room 6

Short description

This event will explore initiatives on the ground that reduce emissions from livestock production, sustain livelihoods in a changing climate, and provide for human nutrition. It will focus on various production systems and regions, as well as forward-looking options for policy-makers.

Moderator: Dr. Hayden Montgomery, Special Representative of the Global Research Alliance

Event chair: René Castro, Assistant Director-General, Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)

Keynote speaker: Anne Mottet, Livestock Development Officer, Animal Production and Health Division, Food and Agriculture Organization of the United Nations (FAO)

Speakers:

- **Fabiana Villa Alves**, Brazilian Agricultural Research Corporation (Embrapa)
- **Mark Sadler**, Adviser on Risks and Markets, Agriculture Global Practice, World Bank

Panelist:

- **Fritz Schneider**, Chair, Global Agenda for Sustainable Livestock
- **Ruth Häckh**, pastoralist, European Shepherds Network member
- **Judith Bryans**, Chair, International Dairy Federation (tbc)
- **Mark Sadler**, Adviser on Risks and Markets, Agriculture Global Practice, World Bank
- **Fabiana Villa Alves**, Brazilian Agricultural Research Corporation (Embrapa)

Contact person (e-mail):

FAO@COP23: Anne Mottet (AGAS) Anne.Mottet@fao.org

FAO-HQ: Henning Steinfeld (AGAL) Henning.Steinfeld@fao.org

Notetaker: Nick Ross



Integrated Landscape Management – Supporting Climate Change Interventions Defined in the NDCs

Time: 11:30-13:00 | Room 10

Short description

This session explores integrated approaches to manage forests and other land uses. In doing so, it discusses ways to achieve transformation toward low-carbon and climate-resilient societies and economies, looking at the necessary paradigm shifts of sectoral and cross-sectoral policies and practices.

Moderator: Ms. Paula Caballero, Global Director, Climate Program, World Resources Institute

Speakers:

- **Hon. Gemedo Dalle**, Minister of Environment, Forest and Climate Change, Ethiopia
- **Ms. Ann Tutwiler**, Director General, Bioversity International
- **Mr. René Castro**, Assistant Director-General, Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)
- **Ms. Karin Kemper**, Senior Director for Environment and Natural Resources, World Bank
- **Ms. Coraina de la Plaza**, Climate Finance Campaigner, Global Forest Coalition
- **Mr. Ousame Ndiaye**, Head of Research and Development, National Agency for Civil Aviation and Meteorology, Senegal

Contact person (e-mail):

FAO-HQ: Simmone Rose (FOA) Simmone.Rose@fao.org

FAO@COP23: Malgorzata BuszkoBriggs (FOA) Malgorzata.BuszkoBriggs@fao.org

Notetaker: Malgorzata BuszkoBriggs



Managing Water Scarcity for Agriculture

Time: 11:30-13:00 | Room 7

Short description

The event presents progress and mobilises action on the Global Framework for Action to Cope with Water Scarcity in Agriculture in a Changing Climate (WASAG) launched at COP22. It brings together partners to find solutions to the looming agriculture crisis caused by water scarcity and climate change.

Chair/Moderator: Ms. Oyun Sanjaasuren, Chair, Global Water Partnership (GWP)

Speakers:

- **H.E. Christian Schmidt**, Minister of Food and Agriculture, Germany
- **H.E. Mrs. Josefa Leonel Correia Sacko**, Commissioner for Rural Economy and Agriculture, African Union
- **Mr. Roberto Ramirez de la Parra**, Director General, Comisión Nacional del Agua (CONAGUA), Mexico
- **Mr. Olcay Ünver**, Deputy Director of Land and Water Division, Food and Agriculture Organization of the United Nations (FAO)

Panelists:

- **Ms. Mariet Verhoeff-Cohen**, President, Women for Water Partnership (WfWP), and Deputy Chair of WASAG Interim Steering Committee
- **Ms. Tatiana Fedotova**, World Business Council on Sustainable Development (WBCSD)
- **Mr. Avinash Tyagi**, Secretary General of the International Commission on Irrigation and Drainage (ICID)
- **Ms. Nthopayizi Mphande**, Young Aquaculture Farmer, Zambia

Contact person (e-mail):

FAO@COP23: Olcay Ünver (CBL) Olcay.Unver@fao.org office phone

Notetaker: Malai Talakai



Unlocking the Potential of Soil Organic Carbon for Climate Change Action

Time: 12:15-13:45 | Room 6

Short description

This event showcases how soil organic carbon and sustainable soil management can contribute to climate change adaptation and mitigation, especially in Small Island Developing States. It explores strategies to upscale recommended practices, including through potential financing mechanisms.

Event Moderator: Mr. Eduardo Mansur, Director, Land and Water Division, Food and Agriculture Organization of the United Nations (FAO)

Speakers:

- **Hon. Inia Seruiratu**, High-level champion for global climate action, Minister for Agriculture, Rural & Maritime Development, and National Disaster Management, Government of the Republic of Fiji
- **Mr. Luca Montanarella**, Chair of the Intergovernmental Technical Panel on Soils
- **Mr. Tekini Nakidakida**, Ministry of Agriculture, Delegation of the Republic of Fiji

Panellists:

- **Mr. Luca Montanarella**, Chair of the Intergovernmental Technical Panel on Soils
- **Ms. Jo House**, Reader in Environmental Science and Policy, University of Bristol
- **Mr. Jean-Luc Chotte**, UNCCD-SPI & senior scientist, Institut de Recherche pour le Développement
- **Ms. Josiane Mason**, European Commission (tbc)
- **Mr. Deon Terblanche**, Acting Director World Climate Research Programme (WCRP), Director of Research World Meteorological Organization

Contact person (e-mail):

FAO-HQ: Viridiana Alcántara (CBL) viridiana.alcantara@fao.org,

Notetaker: Nick Ross



Downloading Climate Data to Grow Agriculture

Time: 14:30-16:00 | Room 6

Short description

The event focuses on best practices in developing climate data to understand climate conditions. It discusses how these might be scaled up to support climate resilience, mitigation and adaptation practices in the agricultural sectors to support livelihoods and food security around the world.

Moderator: Roger Dungan, New Zealand Ministry of Foreign Affairs and Trade

Speakers:

- **Mr Marc Sadler**, Adviser on Risks and Markets, Agriculture Global Practice, World Bank
- **Speaker tbc** – private sector speaker proposed
- **Ms. Francesca Eggleton**, Senior Policy Analyst, Ministry for Primary Industries, New Zealand
- **Mr. Masamichi Saigo**, Former Director-General of Japan Ministry of Agriculture, Forestry and Fisheries Research Council, on behalf of Dr Masa Iwanaga, current Chair of Global Research Alliance
- **Mr. René Castro**, Assistant Director-General, Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)

Contact person (e-mail):

New Zealand: Victoria Hatton Victoria.Hatton@mpi.govt.nz

FAO@COP23: Malia Talakai (CBC) Malia.Talakai@fao.org, **Notetaker:** Nick Ross



Scaling Up Climate-Smart Agriculture to Achieve the NDCs in the Agriculture Sectors

Time: 15:00-16:30 | Room 1

Short description

This event showcases successful approaches and know-how to scale up Climate-Smart Agriculture (CSA) with a specific emphasis on enabling partnerships between Parties and non-Party stakeholders. It discusses progress and challenges in enhancing impacts for farmers, women, youth and vulnerable groups.

Moderator: Mr. Tony Simons, Director General, The World Agroforestry Centre (ICRAF)

Speakers:

- **Ms. Rima AlAzar**, Senior Climate Change Officer and Climate Governance Team Leader, Food and Agriculture Organization of the United Nations (FAO)
- **Mr. Daniel Zimmer**, Director, Sustainable Land Use, Climate-KIC
- **Mr. Walter Oyhantcabal**, Director of the Agriculture and Climate Change Unit, Ministry of Livestock, Agriculture and Fisheries of Uruguay
- **Ms. Nthopayizi Mphande**, young farmer in Zambia
- **Mr. Moses Mwale**, Director of the Zambia Agriculture Research Institute (ZARI)
- **Ms. Tonya Rawe**, Global Policy Lead, Food and Nutrition Security, CARE International
- **Mr. Bruce Campbell**, Director, CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), on behalf of the Global Alliance for Climate-Smart Agriculture (GACSA)

Contact person (e-mail):

FAO-HQ: Marwan Ladki Marwan.Ladki@fao.org,

COP23: Rima AlAzar Rima.AIAzar@fao.org

Notetaker: Malia Talakai



Globally Important Agricultural Heritage Systems and Climate Change

Time: 16:15-17:45 | Room 6

Short description

This event will consider how traditional knowledge, agricultural practices and technologies embedded in the sites designated as Globally Important Agricultural Heritage Systems can contribute to combatting and addressing climate change.

Moderator: Anne Mottet, Livestock Development Officer, Animal Production and Health Division, Food and Agriculture Organization of the United Nations (FAO)

Speakers:

- **Mr. René Castro**, Assistant Director-General of Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)
- **Mr. Mauro Agnoletti**, Chairman, Globally Important Agricultural Heritage Systems Scientific Advisory Group, Food and Agriculture Organization of the United Nations (FAO) / Associate Professor, University of Florence, Italy
- **Mr. Min Qing Wen**, Vice Chair, Globally Important Agricultural Heritage Systems Scientific Advisory Group, Food and Agriculture Organization of the United Nations (FAO) / Professor, Center for Natural and Cultural Heritage Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Science
- **Dr. Rachid Moussadek**, Head of the Department of the Environment and Natural Resources, National Institute of Agronomic Research (INRA), Morocco
- **Ms. Elisangela Aquino**, a farmer from Minas Gerais region, Brasil (via video)

Contact person (e-mail):

FAO: Endo, Yoshihide (CBDG) Yoshihide.Endo@fao.org

Notetaker: Nick Ross



Promoting Collaborative Climate Action to Reduce Food Loss and Waste

Time:16:45-18:15 | Room 1

Short description

About one-third of all food produced for human consumption is lost or wasted. This event discusses ways and opportunities to reduce food loss and waste. Progress under the Marrakech Partnership will be presented, focusing on concrete actions and collaborations between state and non-state actors.

Moderator: Ms. Rima AlAzar, Senior Climate Change Officer and Climate Governance Team Leader, Food and Agriculture Organization of the United Nations (FAO)

Panellists:

- **Mr. Craig Hanson**, Global Director of Food, Forests & Water, World Resources Institute
- **Ms. Isabel Chanteaux**, Messe Düsseldorf GmbH
- **Ms. Martina Otto**, Head of Cities Unit, UN Environment (tbc)
- **Mr Toine Timmermans**, Program manager sustainable food chains, Wageningen University/ Climate Change, Agriculture and Food Security (CCAFS)
- **Mr. Ankit Kawatra**, Founder of Feeding India / 2017 UN Young Leader for SDGs
- **Mr. Amin Mutaganda**, Rwanda (tbc)
- **Mr. Pascal Martinez**, Senior Climate Change Specialist, Global Environment Facility

Contact person (e-mail):

FAO-HQ: Emilie Wieben Emilie.Wieben@fao.org

FAO: Anne Mottet (AGAS) Anne.Mottet@fao.org

FAO: Henning Steinfeld (AGAL) Henning.Steinfeld@fao.org

Note taker: Anne Mottet



Reducing the Vulnerability of Mountain and Dryland Ecosystems to Climate Change

Time: 18:00-19:30 | Room 6

Short description

This event showcases efforts to build climate resilience of dryland and mountain ecosystems and of people that directly or indirectly depend on them. It highlights challenges to these efforts, including in ensuring drinking water, hydropower, agricultural suitability and coping with natural hazards.

Moderator: Ms Maya Hunt, Lead Negotiator – LULUCF, Senior Policy Analyst, Ministry for Primary Industries, New Zealand

Speakers:

- **Eduardo Mansur**, Director, Land and Water Division, Food and Agriculture Organization of the United Nations (FAO)
- **Mr. Andrew Taber**, Executive Director, The Mountain Partnership
- **Dr Djimé ADOUM**, Executive Secretary, CILSS
- **Ms. Somaya Omer Abdoun**, Sudan
- **Mr. Sasha Alexander**, Policy Officer, United Nations Convention to Combat Desertification (UNCCD)
- **Mr. Tony Simons**, Director General, The World Agroforestry Centre (ICRAF)

Contact person (e-mail and phone number):

FAO-HQ: Simone Rose (FOA) Simione.Rose@fao.org

FAO@COP23: Malgorzata BuszkoBriggs (FOA) Malgorzata.BuszkoBriggs@fao.org

Note taker: Nick Ross



Closing Plenary

Time: 19:30-20:00 | Room 6

Short description

The High-Level Closing Plenary draws out key messages from the agriculture-based climate actions presented during the day. Young farmers share their impressions of these actions, focusing on the actions' potentials to mitigate and adapt to climate change and sustain livelihoods around the world.

Moderator: Mr. René Castro, Assistant Director-General, Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)

Speakers:

- **Inia Seruiratu** High-level champion for global climate action, Minister for Agriculture, Rural & Maritime Development and National Disaster Management, Government of the Republic of Fiji
- **James Dalton**, Coordinator Global Water Initiatives, IUCN Global Water Programme
- **Young farmers** from developing countries

Contact person (e-mail and phone number):

FAO@COP23: Malia Talakai (CBC) Malia.Talakai@fao.org

FAO-HQ: Liva Kaugure (CBC) Liva.Kaugure@fao.org

Marjanneke Vijge (CBC) Marjanneke.vijge@fao.org

Notetaker: Nick Ross