



Marrakech
Partnership



COP 23 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, November 10, 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).



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 in room X	Time	Parallel events in room X
10.00-10.30	Opening Plenary - High Level				
10.30-12.00	Title: Low carbon livestock: moving forward	11.30-13.00 Room 10	Title: Integrated Landscape Management – Supporting climate change interventions defined in the NDCs	11.30-13.00 Room 7	Title: Managing Water Scarcity for Agriculture
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	14:15-15:00	Launch of the Climate-Smart Agriculture sourcebook		
16.15-17.45	Title: Globally Important Agricultural Heritage Systems and climate change	15.00-16.30 Room 1	Title: Scaling Up Climate-Smart Agriculture to Achieve the Nationally Determined Contributions in the Agriculture Sectors		
18.00-19.30	Title: Reducing the vulnerability of mountain and dryland ecosystems to climate change	16:45-18:15 Room 1	Title: Promoting Collaborative Climate Action to Reduce Food Loss and Waste		
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: Rima AlAzar, Senior Climate Change Officer, FAO

Speakers:

- **Maria Helena Semedo**, Deputy-Director General, FAO (tbc)
- **Aziz Akhannouch**, Minister for Agriculture, Maritime Fisheries, Rural Development and Water and Forests (tbc)
- **Christian Schmidt**, German Federal Minister of Food and Agriculture
- **Inia Seruiratu**, Minister for Agriculture, Rural & Maritime Development, and National Disaster Management (tbc)
- **Ankit Kawatra**, Founder, Feeding India / UN Young Leader for SDGs

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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: World Bank (or GRA)

Speakers:

- **Maria-Helena Semedo**, Deputy Director General, FAO – Event Chair
- **Thomas Pesquet**, astronaut, European Space Agency
- **Anne Mottet**, FAO-AGA
- **Ibra Touré or Abdrahmane Wane**, CIRAD (Western Africa, pastoralist and agropastoralist systems) (tbc)
- **Dilip Rath**, NDDB, India (tbc)
- **Fabiana Villa Alves**, Embrapa, Brazil

Panelist (policy options):

- **Jimmy Smith**, Director General, ILRI (tbc)
- **Fritz Schneider**, Chair, Global Agenda for Sustainable Livestock
- **Monica Aggarwal**, pastoralist of India and World Alliance for Mobile Indigenous Peoples (WAMIP) (TBC)
- **Judith Bryans**, Chair, International Dairy Federation
- **Thomas Pesquet**, astronaut, European Space Agency
- World Bank (TBD)

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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: FAO (tbc)

Speakers:

- **Hon. Gemedo Dalle**, Minister of Environment, Forest and Climate Change, Ethiopia
- **Mr. Chris Kettle**, Science Domain Leader Forest Genetic Resources and Restoration, Bioversity International
- **Ms. Malgorzata BuszkoBriggs**, FAO Forestry Dept.
- **Ms. Karin Kemper**, Senior Director for Environment and Natural Resources, World Bank
- **Mr. Rene Boot**, Director, Tropenbos International (tbc)

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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.

Moderator: Jan Lundqvist, Stockholm International Water Institute (SIWI)

Speakers:

- **Christian Schmidt**, German Federal Minister of Food and Agriculture (tbc)
- **Olcay Ünver**, FAO
Mariet Verhoeff-Cohen, Women for Water Partnership, Deputy Chair of the Interim Steering Committee (ISC) of WASAG (Panellist)
- **Laila Lokosang**, Representative from the African Union and Member of the Interim Steering Committee of WASAG (Panellist) (tbc)
- **Tatiana Fedotova**, Representative of the World Business Council on Sustainable Development, Partner of WASAG (Panellist)
- **Avinash Tyagi**, Secretary General of the International Commission of Irrigation and Drainage (ICID) and Member of the Interim Steering Committee of WASAG (Panellist)
- **Ms Nthopayizi Mphande**, Young Aquaculture Farmer, Zambia (Panellist)

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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, FAO (tbc)
Speakers: <ul style="list-style-type: none">• 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 (speaker and panelist)• Mr. Tekini Nakidakida, Ministry of Agriculture, Delegation of the Republic of Fiji• Ms. Jo House, IPCC (panelist)• Mr. Jean-Luc Chotte, UNCCD-SPI (panelist)• Ms. Josiane Mason, European Commission (panelist) (tbc)• Mr. Deon Terblanche, WMO (panelist)
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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: <ul style="list-style-type: none">• Mr Marc Sadler, World Bank• Ms. Francesca Eggleton, Fontera 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• FAO representative (Mr. Rene Castro-Salazar or Martial Bernoux (tbd))
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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) (tbc)

Speakers:

- **Mr. René Castro Salazar**, Assistant Director General for the Climate, Biodiversity, Land and Water Department, Food and Agriculture Organization of the United Nations (FAO)
- **Mr. Daniel Zimmer**, Director, Sustainable Land-Use theme, Climate-KIC
- **Mr. Walter Oyhantcabal**, Director of the Agriculture and Climate Change Unit, Office of Agricultural Policy and Programming (OPYPA), Ministry of Livestock, Agriculture and Fisheries (MGAP) of Uruguay
- **Ms. Nthopayizi Mphande**, Farmer in Zambia
- **Mr. Moses Mwale**, Director of the Zambia Agricultural 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)
- **Mr. Tony Simons**, Director General, The World Agroforestry Centre (ICRAF)

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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: Professor Agnoletti, Chair of GIAHS Scientific Advisory Group

Speakers:

- **Mr. Rene Castro**, Assistant Director General of Climate, Biodiversity, Land and Water Department, FAO
- **Professor Agnoletti**, University of Firenze
- **Professor Min Qing Wen**, 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

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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: tbd

Speakers:

- **Mr. Craig Hanson**, World Resources Institute (WRI)
- **Ms. Martina Otto**, UN Environment
- CEO, Messe Düsseldorf GmbH (name tbc)
- **Selina Juul**, Founder of Stop Wasting Food movement Denmark (Stop Spild Af Mad)
- **Ankit Kawatra**, Founder, Feeding India / UN Young Leader for SDGs (tbc)

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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: Mr Abderrahim Houmy , Secretary General, Haut Commissariat aux Eaux et Forêts et à la Lutte contre la Desertification (tbc)
Speakers: <ul style="list-style-type: none">• Ms. Malgorzata BuszkoBriggs, FAO Forestry Department• Mr. Andrew Taber; The Mountain Partnership• Dr Djimé ADOUM, Executive Secretary of CILSS• Representative UNCCD (name tbc)• Mr. Tony Simons, Director General ICRAF
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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/Master of Ceremony: Rima AlAzar , Senior Climate Change Officer, FAO
Speakers: <ul style="list-style-type: none">• Inia Seruiratu (Agriculture and the Minister for Rural and Maritime Development and National Disaster Management)• Maria Helena Semedo (Deputy-Director General)• James Dalton, Director for the water program at IUCN• Representatives CSA Youth Network (names tbc)
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