



**20 YEARS OF INNOVATIONS
IN AGRICULTURE**
FONTAGRO'S ANNIVERSARY



MONDAY, JUNE 4, 2018

FONTAGRO'S 20TH ANNIVERSARY CELEBRATION

ROOM: ANDRES BELLO I & II

- 2:00 PM - 2:30 PM** **FONTAGRO's 20th Anniversary Celebration Opening**
Luis Alberto Moreno, President, IDB
Manuel Otero, Director General, IICA
Armando Bustillo, President, FONTAGRO
- 2:30 PM - 3:00 PM** **1998 - 2018: FONTAGRO's 20 Years of History and FONTAGRO's Evolution**
Rubén Echeverría, Advocate of FONTAGRO's establishment
Luis Fernando Chaparro Osorio, First President
Edgardo Moscardi, Executive Secretary, 1998 - 2004
Nicolás Mateo, Executive Secretary, 2005 - 2010
Hugo Li Pun, Executive Secretary, 2011 - 2017
Eugenia Saini, Executive Secretary of FONTAGRO
Moderator: Rafael Anta, Vicepresidency Adviser, IDB
- 3:00 PM - 3:30 PM** **Twenty Years Governing LAC's Research and Innovation Agenda. Challenges toward 2030 and 2050**
Armando Bustillo, President, 2016 - 2018, Central America
Rafael Pérez Duvergé, President, 2013 - 2014, Central America
Juan Lucas Restrepo, Director, AGROSAVIA, Andean Region
Pedro Bustos, Director, INIA, Chile
Manuel Lainez, Director, INIA, Spain
Moderator: José Luis Repetto, President, 2014-2016, Southern Cone
- 3:30 PM - 4:15 PM** **Present and Future of Public and Private Funding for the Agricultural Sector in Latin America and the Caribbean**
Garry Charlier, World Bank
Eugenio Díaz Bonilla, IFPRI
Juan Pablo Bonilla, IDB
Irene Arias Hofman, FOMIN
Aitor Ezcurra Unda, IDB Invest
Moderator: Bernardo Guillamon, IDB - AgroLAC



4:15 PM - 4:45 PM	- Coffee
4:45 PM - 5:30 PM	FONTAGRO's Impact over Its 20-Year History and Science and Innovation Applied in the Field: FONTAGRO Cases Byron Reyes, CIAT Marta Alfaro, Chile Carlos Hernández Aguirre, Costa Rica Nadine Andrieu, CIAT Moderator: Juan Manuel Domínguez, INIAP Ecuador
5:30 PM - 6:00 PM	Agriculture: The 2030 - 2050 Future Agenda Eugenia Saini, Executive Secretary of FONTAGRO Máximo Torero, World Bank Manuel Otero, IICA Tito Díaz, FAO Geraldo Martha, Embrapa Labex USA Pedro Martel, BID Moderator: Rubén Echeverría, Advocate of FONTAGRO's establishment
6:00 PM - 6:15 PM	Conclusions and Launch of Commemorative Publication "FONTAGRO: 20 Years Supporting Family Agriculture Innovation in Latin America and the Caribbean and Spain." Executive Committee of FONTAGRO
6:15 PM - 8:30 PM	Reception hosted by FONTAGRO at the IDB <i>Poster Exhibition: Projects Cofinanced by FONTAGRO</i>



THIRD SYMPOSIUM ON FAMILY AGRICULTURE ADAPTATION TO CLIMATE CHANGE IN LATIN AMERICA AND THE CARIBBEAN

IN THE FRAMEWORK OF THE XIII FONTAGRO
WORKSHOP ON TECHNICAL MONITORING OF PROJECTS



TUESDAY, JUNE 5, 2018



WORKSHOP: OPEN-SOURCE MIT TECHNOLOGIES TO SUPPORT FAMILY AGRICULTURE ADAPTATION TO CLIMATE CHANGE

Objective:	The objective of the workshop is to disseminate knowledge and promote know-how exchanges among agricultural technology institutes, governments, and academia in the region regarding technologies that support agriculture's adaptation to the effects of climate change and the minimization of the environmental impact of agricultural activity. Participants will have access to information on two low-environmental-impact technologies developed by the Massachusetts Institute of Technology (MIT).
7:30 AM - 8:30 AM	Participant transfer and registration
8:45 AM - 9:00 AM	Opening of the Third Symposium on Family Agriculture Adaptation to Climate Change , Amal Lee Amin, Climate Change Division Chief
9:00 AM - 9:40 AM	Progress on Adapting the Agricultural and Livestock Production Sector to Increasing Climatic Impact , Juliana Almeida, Climate Change Division, and Ana Rios, Environment, Rural Development and Disaster Risk Management Division
9:40 AM - 10:45 AM	Agriculture in a Controlled Environment: Hydroponic and Aeroponic Technology in Mobile Containers , Prof. Mario Siler, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional (Cinvestav)
10:45 AM - 11:00 AM	Coffee
11:00 AM - 12:15 PM	Drip Irrigation with Very Low Energy Consumption , Prof. Amos Winter, MIT Department of Mechanical Engineering
12:15 PM - 12:45 PM	Pilot Experience: Drip Irrigation in Bolivia , Juan Manuel Murguía (RND), Susana Suaznabar (CTI), Alfred Grunwaldt (CCS)
12:45 PM - 1:00 PM	Closing Remarks , Eugenia Saini, Executive Secretary of FONTAGRO, and Pedro Martel, Environment, Rural Development and Disaster Risk Management Division Chief
1:00 PM - 2:00 PM	Light Lunch

TUESDAY, JUNE 5, 2018 – CONT.

**THIRTEENTH WORKSHOP ON TECHNICAL
MONITORING OF PROJECTS**

SESSION: PROGRESS OF ONGOING PROJECTS

Twenty-minute presentation. Questions and answers at the end of the session.

Moderator: Miguel Obando, Nicaragua. Members of FONTAGRO's Board of Directors

2:00 PM - 2:20 PM	Early Warning Signs for Coffee Rust - SRAT René León-Gómez (PROMECAFE, IICA)
2:20 PM - 2:40 PM	Technological Innovations for the Dry Corridor Humberto Benito Blandón (UNAG, Nicaragua)
2:40 PM - 3:00 PM	Biointensive Farming in the Dry Corridor Ramón Cucurull Cañellas (Amigos de la Tierra, Nicaragua)
3:00 PM - 3:20 PM	Centers with a Varietal Offering of Traditional Seeds Erika Salazar Suazo (INIA, Chile)
3:20 PM - 3:40 PM	Family Agriculture Systems in Uruguay and Argentina Pablo Socca (INIA, Uruguay)
3:40 PM - 4:00 PM	Questions and answers, and remarks from moderators
4:00 PM - 4:20 PM	Coffee Moderator: Axel Villalobos, Panama. Member of FONTAGRO's Board of Directors
4:20 PM - 4:40 PM	Sustainable Intensification of the Dairy Sector - LACTIS Santiago Fariña (INIA, Uruguay)
4:40 AM - 5:10 PM	Innovation Platform for Improving Farmers' Adoption of CSA Nadine Andrieu (CIAT, Colombia)
5:10 PM - 5:40 AM	Managing Water Resources in Banana Communities Juan Castellón (UNAN-León, Nicaragua)
5:40 PM - 6:00 PM	Questions and answers, and remarks from moderators
8:30 PM - 9:00 PM	Participants transfer to hotel

WEDNESDAY, JUNE 6, 2018

FONTAGRO'S EIGHTH SCIENTIFIC EXCELLENCE AWARD, 2018
FINAL PROJECT REPORTS

Thirty-minute presentation. Questions and answers at the end of the session.

Moderators: Carlos Araya, Costa Rica and Santiago Bertoni, Paraguay. Members of FONTAGRO's Board of Directors

7:30 AM - 8:30 AM	Participants transfer to IDB
8:30 AM - 9:00 AM	Rice Farming Practices José Alberto Yau Q (IDIAP, Panama)
9:00 AM - 9:30 AM	Farming More with Less (SICA) Kelly Witkowsky (IICA, Costa Rica)
9:30 AM - 10:00 AM	Coffee Berry Borers Omar Alfaro (IDIAP, Panama)
10:00 AM - 10:30 AM	Lost Andean Crops Pablo Mamani (PROINPA, Bolivia)
10:30 AM - 11:00 AM	Questions and answers, and remarks from moderators
11:00 AM - 11:30 AM	Coffee
Moderators: Miguel Barandiarán, Peru and Pedro Bustos, Chile. Members of FONTAGRO's BoD	
11:30 AM - 12:00 PM	The Quality of Cacao Carlos Eduardo Hernández Aguirre (UN, Costa Rica)
12:00 PM - 12:30 PM	Greenhouse Gas Emissions in Central America Diego Tobar López (CATIE, Costa Rica)
12:30 PM - 13:00 PM	Greenhouse Gas Emissions in the Andean Region Carlos Gómez Bravo (Universidad La Molina, Peru)
13:00 PM - 13:30 PM	Integrated Adaptation-Mitigation Strategy for Livestock Systems in LAC Marta Alfaro (INIA, Chile)
13:30 PM - 14:00 PM	Questions and answers, and remarks from moderators
14:00 PM - 15:00 PM	Lunch - Group Picture
15:00 PM - 15:15 PM	Voting on FONTAGRO's Eighth Scientific Excellence Award
15:15 PM - 15:30 PM	Closing Remarks by members of FONTAGRO's Executive Committee
15:30 PM - 16:00 PM	<i>Coffee and Project Poster Presentations</i>
16:00 PM - 17:00 PM	Training on Lessons Learned
17:00 PM - 19:30 PM	Cocktail at the IDB: Presenting FONTAGRO's Eighth Scientific Excellence Award Winner, 2018



20:30 PM - 21:00 PM Participants transfer to hotel

The workshop is organized by



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