



Second Announcement

International Conference

Quinoa for Future Food and Nutrition Security in Marginal Environments

December 6-8, 2016

Dubai, United Arab Emirates



Overview

The International Center for Biosaline Agriculture (ICBA) in collaboration with the Ministry of Climate Change and Environment of the United Arab Emirates, Zayed University, the Islamic Development Bank (IsDB), and the Arab Bank for Economic Development in Africa (BADEA), with the technical contribution of the Food and Agriculture Organization of the United Nations (FAO) will convene the international conference “Quinoa for Future Food and Nutrition Security in Marginal Environments” in Dubai, the United Arab Emirates, on December 6-8, 2016.

The conference aims to provide a unique platform for discussions on ecological, economic and social aspects related to introducing quinoa for sustainable agricultural production in marginal environments. It will bring together leading scientists, practitioners and decision-makers from the public and private sectors to showcase the latest developments in quinoa research, production and trade.

The conference will:

- Bring together leading scientists, practitioners and decision-makers from the public and private sectors in a mix conducive to innovation and technology transfer;
- Explore opportunities for collaboration between the public and private sectors;
- Showcase the latest developments in quinoa research, production and trade around the world;
- Highlight quinoa uses and niche market opportunities;
- Connect young professionals to experienced professionals.

Registration

Participants are encouraged to register for the conference online as early as possible to ensure their reservation requirements are met.

You can complete the [online registration form](#).

OR

Download the [registration form](#), fill it out and send it to registration@quinoaconference.com.

Unless you are a sponsored participant, please make sure the registration fee is paid as your registration will be considered incomplete without payment. The registration fee includes:

- Entry to all conference sessions
- Conference materials
- Tea/coffee/lunches
- Field trip
- Transport from the designated hotel (Steigenberger Hotel) to the venue and back according to schedule

Registration fees can be paid by bank transfer or [PayPal](#).

Please visit www.quinoaconference.com for more details.



Hotel & Travel

The Organizing Committee is pleased to partner with Steigenberger Hotel. Steigenberger Hotel offers special rates to conference participants.

- **Superior Room** – Single (Breakfast included) AED 608.00
- **Superior Room** – Double (Breakfast included) AED 668.00

Accommodation requests are processed on a first-come, first-served basis and are based on availability. Please complete the form below and return it to reservations.business-bay.dubai@steigenberger.com.

Hotel booking form (PDF).

If you are a sponsored participant, your booking will be arranged by the Organizing Committee. Self-sponsored participants are advised to make their own booking arrangements.

If you have any inquiries, please contact the hotel at:

Steigenberger Hotel Business Bay Dubai 5 Stars Hotel

P.O Box 413311, Al Abraj Street, Business Bay, Dubai, UAE

Tel: +971 4 369 0000, **Fax:** +971 4 369 0001

Dir. Tel: +971 4 369 0077, **Mob:** +971 559142159

Email: elvira.tambovtseva@steigenberger.com

Internet: www.steigenberger.com



Visa Information

Participants are requested to familiarize themselves with visa requirements for the United Arab Emirates well in advance of the conference and make their own arrangements. Letters of invitation for visa purposes can be provided upon request. Please contact Ms. Zharkynai Ashirbekova at z.ashirbekova@biosaline.org.ae.



Exhibition & Sponsorship

Connecting People, Innovations, and Opportunities

The Organizing Committee invites sponsors to join this unique high-profile conference and showcase their organizations, work, products and services. This will be one of the largest conferences on quinoa in the world. The conference will serve as a perfect platform for making new contacts, increasing brand awareness and promoting new initiatives. **The sponsorship package** will offer your organization unprecedented brand exposure before, during, and after the event and in all conference media campaigns.

The conference will bring together high-level thought leaders, senior experts and researchers, policymakers, private-sector companies, donor agencies, and media. The sponsors will be marketed through the conference website, communications materials, and on-site signage throughout the three-day event.

If you are interested to learn more about sponsorship opportunities, please contact Mr. Charbel El Khouri at c.elkhouri@biosaline.org.ae.



Program

The conference will have a grand opening session, four plenary sessions, eight technical sessions and poster sessions. A field trip to ICBA will be organized on the last day of the conference.

The conference will bring together leading scientists, practitioners and decision-makers from the public and private sectors to showcase the latest developments in quinoa research, production, and trade.

A number of international governmental, non-governmental, private and research organizations have already expressed their willingness to participate in and support the conference. Leading scientists, experts, and practitioners from around the world are expected to attend the conference.

The confirmed guests of honor include:

- H.E. **Sheikha Lubna bint Khalid Al Qasimi**, Minister of State for Tolerance and President of Zayed University;
- H.E. **Dr. Thani Ahmed Al Zeyoudi**, Minister of Climate Change and Environment of the United Arab Emirates;
- **Mr. Abdessalam Saleh Ould Ahmed**, Assistant Director General and FAO Regional Representative for the Near East and North Africa;
- **Dr. Sidi Ould TAH**, Director General of the Arab Bank for Economic Development in Africa.

Tuesday, 6th December 2016

08:30 - 09:30	Registration
09:30 - 10:00	<p>Opening ceremony</p> <ul style="list-style-type: none"> • His Excellency Dr. Thani Ahmed Al Zeyoudi, Minister of Climate Change and Environment, United Arab Emirates • Her Excellency Sheikha Lubna Bint Khalid Al Qasimi, Minister of State for Tolerance and President of Zayed University, United Arab Emirates • Dr. Ismahane Elouafi, Director General, International Center for Biosaline Agriculture, United Arab Emirates • Mr. Abdessalam Saleh Ould Ahmed, Assistant Director General and FAO Regional Representative for the Near East and North Africa <p>Master of ceremony: Hussein Mohamed Alameri, Media Advisor, Sultan Bin Zayed's Culture and Media Centre, United Arab Emirates</p>
10:00 - 10:15	<p>Keynote speech</p> <p><i>Creating a shared vision and action plan for the future of quinoa beyond its origins</i></p> <p>Bazile Didier, CIRAD, France</p>
10:15 - 11:15	<p>Ministerial panel discussion: How to move towards a shared vision on quinoa</p> <ul style="list-style-type: none"> • Dr. Sidi Ould TAH, Director General, Arab Bank for Economic Development in Africa (BADEA) • Dr. Ismahane Elouafi, Director General, International Center for Biosaline Agriculture, United Arab Emirates • Mr. Abdessalam Saleh Ould Ahmed, Assistant Director General and FAO Regional Representative for the Near East and North Africa • Mr. Nadeem Hussain, Kinwa Foods Company, Pakistan • His Excellency Dr. Thani Ahmed Al Zeyoudi, Minister of Climate Change and Environment, United Arab Emirates <p>Moderator: Hussein Mohamed Alameri, Media Advisor, Sultan Bin Zayed's Culture and Media Centre, United Arab Emirates</p>
11:15 - 11:30	Welcome reception
<p>Plenary Session 1: Global Quinoa Status</p> <p>Chair: Mr. Holmgren Torgny, Stockholm International Water Institute, Sweden</p> <p>Co-Chair: Dr. Choukr-Allah Redouane, International Center for Biosaline Agriculture, UAE</p>	
11:30 - 11:45	<p><i>The worldwide potential of quinoa as a new climate-proof crop</i></p> <p>Jacobsen, S. E. University of Copenhagen, Faculty of Science, Department of Plant and Environmental Sciences, Denmark</p>
11:45 - 12:00	<p><i>Quinoa research and development for low land environments in South America</i></p> <p>Bertero, D. Crop Production Department, Faculty of Agronomy, University of Buenos Aires, Argentina</p>
12:00 - 12:15	<p><i>Quinoa research and development in the Andean Countries</i></p> <p>Gomez Pando, L. R. Universidad Nacional Agraria La Molina (UNALM), Peru</p>
12:15 - 12:30	<p><i>Effect of salinity on seed yield and nutritional quality of quinoa</i></p> <p>Rao, N.K. International Center for Biosaline Agriculture, UAE</p>
12:30 - 13:00	Discussion
13:00 - 14:00	Lunch Break

Plenary Session 2: Prospects of quinoa for food security		
Chair: Eng. Mariam Mohammed Saeed Hareb Al Mheiri , Ministry of Climate Change and Environment, UAE		
Co-Chair: Dr. Hans-Werner Koyro , Department of Plant Ecology, Justus-Liebig-University Gießen, Germany		
14:00 - 14:15	<i>From Seed to Spoon</i> Hussain Nadeem & Syed Wajih , Kinwa Foods Company, Pakistan	
14:15 - 14:30	<i>Prospects of Bolivian “royal quinoa”: towards the global expansion of the Andean crop</i> Bosque, H. Advisor of the Bolivian Ministry of Rural Development and Lands	
14:30 - 14:45	<i>Quinoa for future food and nutrition security in marginal environments</i> Abugattas, D. Instituto de Investigación y Cooperación Científica y Tecnológica Árabe - Latinoamericano y del Caribe	
14:45 - 15:00	<i>Consolidation of the first Quinoa International Center - CIQ</i> Soliz, Edgar M.M. Centro Internacional de Quinoa, Bolivia	
15:00 - 15:30 Discussion		
15:30 - 16:00 Refreshment Break		
	Technical Session 1.1 <i>The Future & Challenges of Quinoa Cultivation: Case studies</i> Chair: Dr. Impiglia Alfredo , FAO, Egypt Co-Chair: Dr. Jacobsen S-E , Faculty of Science, Department of Plant and Environmental Sciences, University of Copenhagen, Denmark	Technical Session 1.2 <i>Quinoa and Food Security</i> Chair: Dr. Gomez Pando L. R. , Universidad Nacional Agraria La Molina (UNALM), Peru Co-Chair: Dr. Bhargava Atul , Amity University India
16:00 - 16:15	<i>Quinoa: From experimentation to production in Turkey</i> Yazar, A. Irrigation and Agricultural Structures Department, Çukurova University, Turkey	<i>Quinoa and its potential to grow under water scarcity and salt stress conditions: Promising research findings</i> Hamdy, A. Mediterranean Agronomic Institute of Bari, CIHEAM, Italy
16:15 - 16:30	<i>Quinoa introduction in West-Africa: experience of Burkina Faso</i> Dao, A. Institute of Environment and Agricultural Research (INERA), Burkina Faso	<i>Adaptability of quinoa (Chenopodium quinoa Willd.) in Eastern and Southern Africa: Potential implications for food security and climate change adaptation</i> Mukankusi, C. International Center for Tropical Agriculture (CIAT), Uganda
16:30 - 16:45	<i>On-farm trials to accelerate quinoa introduction in farming communities of central Malawi</i> Maliro, Moses F.A. Department of Crop and Soil Sciences, Lilongwe University of Agriculture and Natural Resources (LUANAR), Malawi	<i>Potential of non-traditional crops for improving food security in marginal environments of Uzbekistan</i> Toderich, K. International Center for Biosaline Agriculture in Central Asia and Caucasus (ICBA-CAC) Uzbekistan
16:45 - 17:00	<i>Quinoa (Chenopodium quinoa Willd.) performance under the hot- dry weather of Sudan</i> Maarouf, I. M. Former National Consultant of the FAO quinoa project in Sudan, Sudan	<i>Evaluation of food security, productivity and production potential of quinoa under marginal areas of Indian sub-continent</i> Dharm, S. Indian Medicinal Plants Marketing Federation, India
17:00 - 17:15	<i>Quinoa in Pakistan: A Case Study</i> Basra, S.M.A. Department of Agronomy, University of Agriculture Faisalabad, Pakistan	<i>Adaptation of quinoa for food security in the Himalayan Kingdom of Bhutan</i> Tirtha Bdr. Katwal. Research and Development Center, Yusipang, Department of Agriculture, Bhutan
17:15 - 17:45 Discussion		
20:30 - 23:00 Gala Dinner		

Plenary session 3: Quinoa Adaptation to different Agro-climatic Conditions

Chair: Dr. Roy, Amit, International Fertilizer Development Center (IFDC), USA

Co-Chair: Dr. Bazile Didier, CIRAD, France

08:30 - 08:45	<i>Evaluation of quinoa adaptability under European conditions to enhance high-quality food protein production</i> Pulvento, C. CNR - Institute for Agricultural and Forest System in the Mediterranean (ISAFoM), Ercolano, Italy
08:45 - 09:00	<i>Potential of quinoa production in the Near East and North Africa region countries</i> Dost, M. Regional plant production officer, FAO RNE, Egypt
09:00 - 09:15	<i>A new face of quinoa production: challenges for the Andean region</i> Alandia, G. Department of Plant and Environmental Sciences, Faculty of Science, University of Copenhagen, Denmark
09:15 - 09:30	<i>Experimenting with quinoa: the Indian experience</i> Bhargava, A. Amity University, India
09:30 - 09:45	<i>Traditional and potential uses of quinoa (Chenopodium quinoa Willd.) in Titicaca basin, Puno, Peru</i> Murillo, A.C. Esp. en Desarrollo Agrícola y Rural MSc (c), Peru
09:45 - 10:00	<i>Introduction of quinoa in south Italy for high functional and nutritional value food production: cultivation and saponin removal</i> Pulvento, C. CNR - Institute for Agricultural and Forest System in the Mediterranean (ISAFoM), Italy

10:00 - 10:30

Discussion

10:30 - 11:00

Refreshment Break & Poster Session

	Technical Session 2.1	Technical Session 2.2
	<i>The Future & Challenges of Quinoa Cultivation: Case studies</i> Chair: Ms. Majdalani Roula , Sustainable Development Policies Division (SDPD) at the United Nations – Economic and Social Commission for Western Asia (UN-ESCWA), Lebanon Co-Chair: Dr. Hirich A. , International Center for Biosaline Agriculture, UAE	<i>Breeding, genetics, and genomics of quinoa</i> Chair: Dr. Rao N K , International Center for Biosaline Agriculture, UAE Co-Chair: Dr. Schmid Karl , University of Hohenheim, Stuttgart, Germany
11:00 - 11:15	<i>Challenges for quinoa production in the Bolivian southern highlands</i> Alandia, G. Department of Plant and Environmental Sciences, Faculty of Science, University of Copenhagen, Denmark	<i>Control of saponin biosynthesis in Chenopodium quinoa</i> Schmöckel, S.M. King Abdullah University for Science and Technology, Saudi Arabia
11:15 - 11:30	<i>Quinoa evaluation and production in sea level Argentinian lowland</i> Eisner, O. Independent agricultural engineer and quinoa entrepreneur, Argentina	<i>Relational differences in the crop world. Ontological frictions on quinoa property rights</i> Laguna, P. Universidad de Santiago, USACH, Departamento de Gestión Agraria, Chile
11:30 - 11:45	<i>Preliminary results on quinoa (Chenopodium quinoa Willd.) cultivated in Tunisian semi-arid area under drought and salinity conditions</i> Rjeibi, W. Faculty of Sciences, El Manar, Department of Biology, University of Tunis El Manar, Tunisia	<i>Evaluation of new quinoa genotypes under sandy soil conditions</i> Shams, A.S. Crop Intensification Research Department (CIRD), Field Crops Research Institute (FCRI), Agricultural Research Center (ARC), Egypt

11:45 - 12:00	<p><i>Quinoa research and production prospects in Iran</i></p> <p>Sepahvand, N.A. Seed and Plant Improvement Institute (SPII), Iran</p>	<p><i>Quinoa germplasm for Morocco</i></p> <p>Benlhabib, O. Hassan II Institute of Agronomy and Veterinary Medicine, Department of Plant Production, Protection and Biotechnology, Morocco</p>
12:00 - 12:15	<p><i>Agronomical evaluation of <i>Chenopodium quinoa</i> Willd. under rainfed piedmont environments in Tajikistan</i></p> <p>Pulodov, M.P. Public Society of Genetic Resources, Tajikistan</p>	<p><i>Preliminary evaluation of adaptability of 13 quinoa varieties in Linxia arid areas of Gansu province</i></p> <p>Huang, J. Institute of Pasture and Green Agriculture, Gansu Academy of Agricultural Sciences, China</p>
12:15 - 12:30	<p><i>Introduction and assessment of quinoa in Algeria: Field trial evaluation of eleven <i>Chenopodium quinoa</i> genotypes grown under salt-affected soils</i></p> <p>Gacemi, A. National Institute of Agronomic Research of Algeria, Algeria</p>	<p><i>Performance of four quinoa genotypes under variable environments in Egypt</i></p> <p>Badran, A.E. Desert Research Center, Genetic Resources Department, Egypt</p>


12:30 - 13:00

Discussion

13:00 - 14:00

Lunch Break

	Technical Session 3.1	Technical Session 3.2
	<p><i>Quinoa response to abiotic stress</i></p> <p>Chair: Dr. Bertero Daniel, Crop Production Department, Faculty of Agronomy, University of Buenos Aires, Argentina</p> <p>Co-Chair: Dr. Salehi, M., National Salinity Research Center, Iran</p>	<p><i>Quinoa agronomic practices</i></p> <p>Chair: Dr. Dost Muhammad, Regional plant production officer FAO RNE, Egypt</p> <p>Co-Chair: Dr. Lavini Antonella, CNR - Institute for Agricultural and Forest System in the Mediterranean (ISAFoM), Italy</p>
14:00 - 14:15	<p><i>Photosynthetic characterization of quinoa sea level cultivar in Argentinean highland</i></p> <p>González, J.A. Fundación Miguel Lillo – Instituto de Ecología – Tucumán - Argentina</p>	<p><i>Biochar soil amendment increases the resistance of <i>Chenopodium quinoa</i> to drought in sandy soils</i></p> <p>Koyro, H-W. Department of Plant Ecology, Justus-Liebig-University Gießen, Germany</p>
14:15 - 14:30	<p><i>Phenotyping the combined effect of heat and water stress on quinoa</i></p> <p>Hirich, A. International Center for Biosaline Agriculture, Dubai, United Arab Emirates</p>	<p><i>Quinoa yield response to deficit irrigation and nitrogen levels in presence of saline shallow groundwater</i></p> <p>Alizadeh-Zoaj, F. Irrigation Department, Shiraz University, Iran</p>
14:30 - 14:45	<p><i>Quinoa tolerance to saline conditions in clay soil: first experience</i></p> <p>Mamedov, A.I. Institute of Botany, Azerbaijan National Academy of Sciences (ANAS), Azerbaijan</p>	<p><i>Optimization of Quinoa Nitrogen Nutrition Under Mediterranean Climatic Conditions</i></p> <p>Mosseddaq, F. Department of Plant Production, Protection and Biotechnologies, Hassan II Agronomy and Veterinary Institute (IAV), Morocco</p>
14:45 - 15:00	<p><i>Potential of quinoa production in humid and dry regions under different irrigation and soil conditions: Denmark and Iran</i></p> <p>Razzaghi, F. Department of Water Engineering, Agricultural College, Shiraz University, Iran</p>	<p><i>Performance of quinoa (<i>Chenopodium quinoa</i> Willd.) genotypes in different ecological areas of central districts in Malawi</i></p> <p>Muhota, P.T. Department of Crop and Soil Sciences, Lilongwe University of Agriculture and Natural Resources (LUANAR), Malawi</p>



15:00 - 15:15	<p><i>Adaptability of quinoa to adverse climatic and soil conditions</i></p> <p>Boukary, H. Centre Régional de la Recherche Agronomique (CERRA) Niger</p>	<p><i>Determination of amino acid and fatty acid contents in quinoa seeds grown under marginal environments in Central Asia</i></p> <p>Mamadrahimov, A. Institute of Bioorganic Chemistry, Academy of Sciences of Uzbekistan, Uzbekistan</p>
15:15 - 15:30	<p><i>Quinoa's Potential</i></p> <p>Al-Madhoun, N. Arab Engineers & Masader Ltd. Jeddah, Saudi Arabia</p>	<p><i>Effect of different nitrogen application rates, date of harvest, and sowing distances on the productivity and nutritional value of quinoa in view to its adoption as roughage crop for ruminants</i></p> <p>Kahwaji, J. Forages Laboratory, Lebanese Agriculture Research Institute, Lebanon</p>
15:30 - 15:45	<p><i>Quinoa agrobiodiversity conservation in Bolivia: A seed exchange network case study</i></p> <p>Rodriguez, J.P. Department of Plant and Environmental Sciences, Faculty of Science, University of Copenhagen, Denmark</p>	
<p>15:45 - 16:15 Discussion</p>		
<p>16:15 - 17:00 Refreshment Break & Poster Session</p>		

Thursday, 8th December 2016

08:00 - 10:00

Field Visit to ICBA experimental station

10:00 - 10:30

Refreshment Break

Technical Session 4.1		Technical Session 4.2	
	<i>Quinoa response to salinity</i> Chair: Dr. Ismail Shoaib , International Center for Biosaline Agriculture, UAE Co-Chair: Dr. Basra Shahzad M.A. , University of Agriculture Faisalabad, Pakistan	<i>Quinoa processes, nutritional value and socioeconomic aspect</i> Chair: Dr. Mosseddaq Fatema , Hassan II Agronomy and Veterinary Institute (IAV), Morocco Co-Chair: Dr. Robertson Susan , International Center for Biosaline Agriculture, UAE	
10:30 - 10:45	<i>Salt tolerance of quinoa on salt-affected soils</i> Iqbal, S. Department of Agronomy, University of Agriculture Faisalabad, Pakistan	<i>Nutritional and functional properties of quinoa (<i>Chenopodium quinoa</i> Willd.) as influenced by environmental and agronomic variables and processing</i> Karboune, S. Faculty of Agricultural and Environmental Sciences, McGill University	
10:45 - 11:00	<i>Effect of sowing date on phenological stage and seed yield of quinoa irrigated with saline water</i> Salehi, M. National Salinity Research Center, Iran	<i>Sub-products from quinoa seeds: whole flour, germ, starch, oil and protein isolates</i> Mufari, J.R. Instituto de Ciencias y Tecnología de los Alimentos (ICTA – UNC), Argentina	
11:00 - 11:15	<i>The Study of Quinoa Salinity Tolerance in the Field Conditions</i> Shahid, M. International Center of Biosaline Agriculture, Dubai, United Arab Emirates	<i>Developing a market for quinoa in China. The pioneer experience of Shanxi Jiaqi Agri-Tech Co.</i> Wu, D. Shanxi Jiaqi Agri-Tech Co., Ltd, Taiyuan, Shanxi, China	
11:15 - 11:30	<i>Studies of the Effect of Marginal Growing Conditions (Karakalpakstan) on Grain and Forage Yield of Quinoa</i> Sultanova, Z. Nukus Branch of Tashkent State Agrarian University, Karakalpakstan	<i>Quinoa Industry Development in China</i> Gui-xing, R. Institute of Crop Sciences, Chinese Academy of Agricultural Sciences, China	
11:30 - 11:45	<i>Quinoa water management in presence of shallow saline groundwater: physiological characteristics and gas exchange</i> Talebnejad, R. Water Engineering Department, Shiraz University, Iran	<i>Quinoa (<i>Chenopodium quinoa</i> Willd.) adaptability, participatory varietal selection and recipe development in Kenya</i> Wanderi, S. Kenya Agricultural and Livestock Research Organisation (KALRO), Kenya	
11:45 - 12:00	<i>Dry matter, yield and antioxidant enzymes in three quinoa genotypes grown at varied water stress</i> Hedayati-Firozabadi, A.R. College of Agriculture, Shiraz University, Iran	<i>Quinoa grains as an effective solution to reduce the prevalence of malnutrition and food security in remote areas of Issyk-Kuli region (Kyrgyzstan)</i> Kaparova, E. Kyrgyz National Agrarian University, Kyrgyzstan	

12:00 - 12:30

Discussion

12:30 - 13:30

Lunch Break



Plenary session 4: Quinoa Breeding and Genomics	
Chair: Dr. Tester Mark , King Abdullah University of Science and Technology, Saudi Arabia	
Co-Chair: Dr. Toderich Kristina , International Center for Biosaline Agriculture in Central Asia and Caucasus (ICBA-CAC), Tashkent, Uzbekistan	
13:30 - 13:45	<i>Quinoa: Superfood, Superplant, Both – or Neither?</i> Jellen, Eric N. , College of Life Sciences, Professor of Plant Genetics, Brigham Young University, Utah, USA
13:45 - 14:00	<i>PacBio and Hi-C based proximity-guided assembly of Amaranth (<i>Amaranthus hypochondriacus</i>) pseudo chromosomes</i> Maughan, P. Jeff , Department of Plant and Wildlife Sciences, Brigham Young University, Utah, USA
14:00 - 14:15	<i>The genome of the salt-tolerant species <i>Chenopodium quinoa</i></i> Jarvis, D.E. King Abdullah University for Science and Technology, Saudi Arabia
14:15 - 14:30	<i>Establishing a quinoa breeding program for the Peruvian Altiplano</i> Schmid, K. University of Hohenheim, Germany
14:30 - 14:45	<i>Breeding of varieties of quinoa (<i>Chenopodium quinoa</i> Willd.) for cold weather and drought by hybridization of genetically distant parents and subsequent selfing</i> Mujica, A. Universidad Nacional del Altiplano, Peru
14:45 - 15:00	Discussion
15:00 - 15:45	Quinoa Genome Workshop: Dubai Declaration
15:45 - 16:00	Refreshment Break
16:00 - 17:00	Closing Session Moderator: Hussein Mohamed Alameri , Media Advisor, Sultan Bin Zayed's Culture and Media Centre, United Arab Emirates

Posters

Authors	Affiliation	Poster title
Chedjerat, A., Gacemi, A., Gorine, M., Lariche, A. ; Khaldi, A.	National institute of agronomic research of Algeria, Research Station of El Hamadna, Relizane, Algeria	Quinoa cultivars yield in salty soils within the perimeter of lower Chelif, Algeria
Snowball, R., Biggs, I., D'antuono, M., Dhammu, H., Pearce, A., Sharma, D., Thompson, C., Troidahl, D.; Warmington, M.	Department of Agriculture and Food Western Australia (DAFWA), Perth, Australia	Quinoa's potential in a diverse range of environments across Australia
Bani, S.	Ministry of Work, Municipality and Urban Planning, Manama, Bahrain	Future strategies and actions to boost quinoa production in Bahrain: The role of local government and farmer to promote quinoa production
Tinak Ekom, D.C.; Sali, B.	Institute of Agricultural Research for Development, P.O. Box 415, Garoua, Cameroon	Evaluation of varietal behavior of seven varieties of quinoa (<i>Chenopodium quinoa Willd.</i>) in agro-ecosystem of North Cameroon
Mantilla, F. ; Rafael, A.	Colombia Quinoa Federation FEDEQUINUA.	Quinoa value chain in the Bogota savanna
Afiah S.A., Badran, A.E , El Shaer H.M	Plant Genetic Resources Dept., Desert Research Center, Cairo, Egypt	Morphological and biochemical evaluation of some Quinoa genotypes under stress conditions
Abdel-Ati, A., González, J.A., Ebrahim, M., Ordano, M., El-Samad, E., Hussin, S., El-Bordeny, N., Essam, A. , Eisa, S.	Desert Research Center, Cairo, Egypt	Optimization of organic fertilizer for <i>Chenopodium quinoa Willd.</i> grown in marginal regions of Egypt
Abdelhamid, M.T.	Botany Department, National Research Centre, Dokki, Giza, Egypt	Quinoa (<i>Chenopodium quinoa Willd.</i>), a potential new crop for Egypt
Dahiya, B.S.	Former Director of Research HAU, Hisar, Haryana, India	Quinoa for food and nutritional security in India
Jain, H.S.; Devabhaktuni, S.	Department of Electrical and Electronics Engineering, Vardhaman college of engineering, Hyderabad, India	Micro Scale Quinoa Farming for Common Man and Marginal Farmers
Padhi, D., Padhi, D., Padhi, P.	DD Bio Solution Technology Pvt. Ltd, India	Prevention of Malnutrition in Odisha tribal region by changing diet to Quinoa
Rana, J.	National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi - 110 012, India	Quinoa Cultivation – Challenges and Opportunities in India
Maleki, P., Bahrami, H.A., Saadat, S., Sharifi, F. ; Dehghany, F.	Tarbiat Modarres University, Faculty of Agriculture, department of Soil Science, Tehran, Iran	Germination of Quinoa (<i>Chenopodium quinoa Willd.</i>) under Salinity Stress
Isobe, K. , Higo, M.	College of Bio-resource Sciences, Nihon University, Fujisawa-City, Kanagawa, Japan.	Research and Cultivation of Quinoa in Japan
Al-Abdullah, M.A., Al-Rifaei, M.K., Abu-Obaid, A.M., Rao, N.K. , Al-Dhakeel, A.	Al-Khaledeyah Agriculture Salinity Research Station, National Center for Agricultural Research and Extension (NCARE) P.O. Box 639 Amman Baqa` 19381, Jordan	Performance of quinoa genotypes under salinity and varied sowing dates in Jordan
Lung'aho, M., Kamau, V., Mukankusi, C., Berhanu, F., Wanderi, S., Okiro, A.O., Mwaba, C., Kapa, R. ; Abang, M.	CIAT: International Center for Tropical Agriculture, Nairobi, Kenya	Protein analysis of quinoa and amaranth phenotypes grown in different environments in five countries in Africa

Al-Barakah, F.N. ; Aly, A.A., El-Mahrouky, M.A.	Soil Science Department, College of Food and Agriculture Sciences, King Saud University, Riyadh 11451, Saudi Arabia	Chenopodium quinoa drought tolerance induced by salinity stress
Dolotbakov, A.K., Shalpykov, K.T., Akimaliev, A.A., Turdumambetov, K.T. ; Kurmanbek, U.M.	Innovation Centre of Phytotechnology of the National Academy of Sciences of the Kyrgyz Republic. Bishkek, Chui Avenue 267, Kyrgyzstan	The content of saponins and carbohydrates at quinoa samples introduced in Kyrgyzstan
Shalpykov, K.T., Dolotbakov, A.K., Kurmanbek, U.M., Rogova, N.A., Ismailova, E.O. ; Kaseev, A.	Innovation Centre of Phytotechnology of the National Academy of Sciences of the Kyrgyz Republic. Bishkek, Chui Avenue 267, Kyrgyzstan	Experience of introduction of quinoa and the prospects for its use in addressing food security in Kyrgyzstan
Moutiq, R.	National Institute of Agronomical Research (INRA) -Plant breeding department, Rabat, Morocco	Quinoa adaptation and breeding in Morocco
Alkhamisi, S.A., Aljabri, N., M2, Nadaf, S.K. ; Alharthi, A.S.	Head of Field Crops Research: Ministry of Agriculture and Fisheries, Directorate General of Agriculture and Livestock Research, Muscat, Sultanate of Oman	Response of Quinoa (Chenopodium quinoa L.) to Different Levels of Irrigation Water Salinity
Alrasbi, S.R.; Rao, K.N.	Directorate General of Agricultural and Livestock Research, Rumais. Sultanate of Oman	Leguminous and oil crops, 3 seasons
Amjad, M., Akhtar, S.S., Yang, A., Akhtar, J. ; Jacobsen, S.-E.	Department of Environmental Sciences, COMSATS Institute of Information Technology-Vehari, Pakistan	Antioxidative Response of Quinoa Exposed to Iso-Osmotic, Ionic and Non-Ionic Salt Stress
Basra, S.M.A., Iqbal, S., Afzal, I. ; Jacobsen, S.-E.	Department of Agronomy, University of Agriculture Faisalabad, 38040, Pakistan	Nutritional characteristics of quinoa seeds harvested from normal and salt affected soils
Basra, S.M.A., Rashid, N., Shahbaz, M. ; Iqbal, S.	Department of 1Agronomy, University of Agriculture Faisalabad, 38040, Pakistan	Foliar applied moringa leaf extract induces terminal heat tolerance in quinoa
Ehsan, B.	CAB International, Rawalpindi, Pakistan	Strengthening Quinoa Supply Chains in Pakistan
Haseeb, M., Basra, S.M.A., Afzal, I. ; Rehman, H.	Department of Agronomy, University of Agriculture, Faisalabad, Pakistan	Phytoextraction potential of quinoa genotypes in nickel contaminated soil
Iqbal, S., Basra, S.M.A., Akhtar, S.S., Yang, A., Saddiq, M.S., Bakhtavar, M.A. ; Jacobsen, S.-E.	Department of Agronomy, University of Agriculture, Faisalabad, 38040, Pakistan	Seed priming with KCl improves salt tolerance in quinoa
Junaid, M., Basra, S.M.A., Saleem, M.A. ; Iqbal, S.	Department of Agronomy, University of Agriculture, Faisalabad, Pakistan	Bio-stimulant potential of moringa leaf extract in field grown quinoa
Saleem, M.A., Basra, S.M.A., Afzal, I., Rehman, H., Saddiq, M.S. ; Iqbal, S.	Department of Agronomy, University of Agriculture, Faisalabad, Pakistan	Exploring the potential of quinoa accessions for salt tolerance in soilless culture
Mercado, W. ; Ubillus, K.	National Agrarian La Molina University, Faculty of Economics and Planning, Lima, Peru	The commercialization of quinoa in the producing regions of Puno and Junin in Peru
Rodríguez, S.V	R&D Director, Algodonera del Sur, Seville, Spain	The cultivation of quinoa in Spain: the experience in the lower Guadalquivir and first trials in Extremadura

Reguera, M., Bascuñán-Godoy, L. ; Blumwald, E.	Universidad Autónoma de Madrid, Campus Cantoblanco, C/Darwin 2, Madrid, 28049, Spain	Water stress during grain filling induces metabolic changes in two Chilean lowland genotypes of <i>Chenopodium quinoa Willd.</i> that could be used for the improvement of the grain quality.
Rollano Peñaloza, O.M., Mollinedo, P. ; Rasmusson, A.G.	Department of Biology, Lund University, Biology Building, Sölvegatan 35B, SE-223 62 Lund, Sweden	Transcriptomic Analysis of the Interaction between <i>Trichoderma</i> ssp. and <i>Chenopodium quinoa</i> .
Prommarak, S.	Chiang Mai University, Faculty of Agriculture, Thailand	Response of Quinoa to Emergence Test and Row Spacing in Chiang Mai - Lamphun Valley Lowland Area, Chiang Mai, Thailand
Radhouane, L., Mansouri, S., Jedidi, E. ; Rhim, T.	National Tunisian Institute for Agriculture Research (INRAT), Ariana, Tunisia	Seedling characters at different level of salinity in quinoa seeds (<i>Chenopodium quinoa Willd.</i>)
Mamadrahimov, A.A., Soliev, A.Z.B., Toderich, K.N.; Rao, N.K.	Institute of Bioorganic Chemistry Academy of Sciences of Uzbekistan, 100125, M. Ulugbek str., 83, Tashkent, Uzbekistan	Determination of squalene content in quinoa seed oils grown under harsh environmental condition in Central Asia
Bobokulov, N.A.; Popova, V.V.	Research Institute of Karakul Sheep Breeding and Desert Ecology, Samarkand, Uzbekistan	Nutritional Value of Foodstuff of quinoa cultivars for livestock feeding under marginal environments in Uzbekistan
Kaparova, E.; Omorova, Z.	Kyrgyz National Agrarian University named after K.I. Skryabin, Kyrgyzstan	The development of recipe of functional food with seeds quinoa
Padhi, D., Padhi, D.; Padhi, P.	DD BIOSOLUTION TECHNOLOGY PVT. LTD. Bhubaneswar, India	Study the Extraction and Effect of Saponin Extracted From Quinoa on Human Health – A Short Review
Bachar, I.	Brandenburg University of Technology Cottbus - Senftenberg, Germany	Prospects of Indoor Urban Farming in Securing Food and Nutrition Security: An Option for Quinoa Production
Ashraf, Kpekpassi-A, Pyaabalo, Alai, Tchiou, B. Kabassina and Daouda, Djele	Ministère de l'Agriculture, de l'Elevage et de la pêche, Togo	Quinoa introduction tests in west and Central Africa: case of Togo
Farong, Yang	Institute of Pasture and Green Agriculture, Gansu Academy of Agricultural Sciences, Lanzhou 730070, China	Breeding and Application Prospects of A New Quinoa Variety Longli 1
Chandra, S. , Pradeep, D., Km, Arti, L.P. Shinde	Forensic Science Laboratory, Govt of NCT of Delhi, New Delhi, India.	Production and processing of quinoa to increase income and food security

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