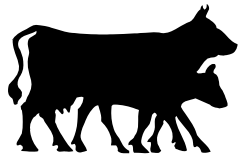




**XXX International Conference of Agricultural Economists
28 July – 2 August 2018**

New Landscapes and New Mandates for Agriculture

Westin Bayshore, Vancouver, Canada



COWBELL



YOUR CONFERENCE BULLETIN

Issue # 1

Sunday 29 July 2018



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President's Welcome

To all members

On behalf of the Board of IAAE, I welcome you to the 30th International Conference of Agricultural Economists (ICAE) in Vancouver, BC, Canada. This conference promises to be a very exciting and memorable meeting in a beautiful location.

This is the third time that the ICAE has been held in Canada. Banff, Alberta, Canada was the site of the 1979 conference. The last ICAE before World War II was held in Ste Anne de Bellevue, Quebec in 1938. Only Canada and the United States have hosted this conference three times.

We received a very large number of submissions of papers and sessions, which ensured a very tough competition for slots, particularly since we have shortened the length of the program by a day from previous conferences. Congratulations to all of you who have weathered the competition to make it onto our excellent program.

The ICAE has featured a distinguished Elmhirst Lecture since the series was inaugurated by TW Schultz in 1976. The quality of this series is highlighted by the fact that three Elmhirst Lecturers have gone on to win the Nobel Prize. This year we are delighted to have Dave Donaldson as our Elmhirst Lecturer. Professor Donaldson is a (quietly) proud Canadian who teaches at the Massachusetts Institute of Technology and has recently won the John Bates Clark Medal for the best economist under 40 working in the United States.

I would like to use this opportunity to thank many people and organizations who made an important contribution to organization of the conference. Nick Vink, IAAE President-Elect, and his team have worked extraordinarily hard to bring the academic program to fruition, considering that 1156 papers were submitted for the contributed paper sessions. These were each reviewed by three reviewers, and 865 were selected for presentation: at the time of writing 554 in the regular oral sessions, and 311 in the shorter visual presentation sessions. This means that there will be some 1100 presentations at the Conference when the Organized Sessions, Invited

Panels and the Plenary Session speakers are added. An interesting fact: the youngest selected Contributed Paper author will still not be 21 years old at the conference, while the oldest will be 93, which is older than the Association itself!

Ryan Cardwell and his colleagues of the Local Organizing Committee have devoted major efforts to organize this conference and welcome you to Vancouver.

I also want to thank the organizations that have sponsored the conference, and those who have provided generous financial support for participants from developing countries. These include the AAFA Trust, ACIAR, the African Development Bank, the Agricultural Economic Society of Japan, the Bill & Melinda Gates Foundation, the Economic Research Service of USDA, the German Society for International Cooperation (GIZ), IFPRI, , and the World Food Programme

There will be several Awards given during the conference: the TW Schultz Award for best oral presentation, the Nils Westermarck Award for best visual presentation, the Uma Lele Award for best gender paper, and the Carl Eicher Award for the best doctoral thesis on African agricultural economics. Several colleagues will be honored for their lifelong contributions to our profession and the IAAE as "Honorary Life Members" of IAAE.

The Vancouver conference also presents the time for important transitions in the IAAE as an organization, as well as key elements of continuity. A new President-elect, and 3 new Board Members will join the IAAE Board. I would like to congratulate Uma Lele on her election as President-Elect and Chris Barrett, Cheryl Doss and Matim Qaim as new Board Members-at-Large. Stephan von Cramon-Taubadel continues as Secretary-Treasurer. Awudu Abdulai and Ashok Mithra will continue as co-editors of our critically-important journal *Agricultural Economics*.

Jo Swinnen will step down from the Board after having served with distinction his nine-year

sentence as President-Elect, President and Past-President. Julian Alston, Karen Brooks and Steven Ware Omamo will step down from their positions as Directors at Large. We thank them enormously for their contributions and reserve the right to call on them frequently for advice in the future.

I look forward to exchanging ideas and learning from you over the next week so that we may further

enhance the role that IAAE can play as an association, and to sustain and improve our triennial conferences which build on the traditions developed over our 30 conferences in the 89 years since the first, in Totnes, Devon in 1929.

Will Martin

President, IAAE

Welcome to Canada, from the Chair of the Local Organising Committee in Canada

Dear Delegates and Participants,

Welcome to the 30th International Conference of Agricultural Economists in Vancouver. The Local Organising Committee in Canada (LOCC) is proud to host the first ICAE in Canada in almost 40 years – Canada last hosted the ICAE in Banff in 1979.

First, I would like to acknowledge that our event takes place on the traditional, ancestral, and unceded territory of the Musqueam people.

Vancouver is a great city. The large cosmopolitan metropolitan area is surrounded by the Pacific Ocean to the west, mountains to the north, agricultural land to the east, and the US to the south. Vancouver hosts a major port with numerous grain, oilseed and cargo terminals, and near to the city are major agricultural and food processing areas for dairy, poultry, fruit and vegetables. Ocean fishing and aquaculture are important in the local economy. Further inland is the picturesque Okanagan Valley, with vineyards and wineries, and fruit and vegetable areas surrounding Okanagan Lake.

British Columbia has major resource industries: forestry, mining, fishing and shellfish (*e.g.* salmon), and energy. The province is fertile ground for the study of resource and environmental markets and policy issues. Vancouver is home to two renowned universities, the University of British Columbia and Simon Fraser University.

Vancouver hosted the 2010 Winter Olympics, offers a wide range of hotels and conference facilities, and excellent public transit around the city, including from the airport to downtown. Visitors to Vancouver can enjoy the world-class Museum of Anthropology on the UBC Campus where the cultural history and material artifacts of the indigenous peoples of the North-West, such as the Haida, are highlighted.

The 30th academic programme of the ICAE, titled "New Landscapes and New Mandates for Agriculture", was organised by Nick Vink of Stellenbosch University, in South Africa. The programme features outstanding plenary speakers, invited panels and a terrific mix of oral and visual presentations. The conference tours on Tuesday July 31 feature some of the region's most interesting attractions related to food, agricultural, and resource economics.

We hope that you enjoy the ICAE. If you have questions or concerns please ask one of our local organising committee members (names are listed in the conference programme) or one of our student volunteers, who will be on site at the Westin and accompanying the offsite tours.

Sincerely,

Ryan Cardwell

Chair, Local Organising Committee in Canada

Origins of the IAAE

The International Association of Agricultural Economists grew out of a conference hosted by Leonard Elmhirst at his home in Dartington Hall, Devon, England in late August and early September 1929. Fifty agricultural economists from 11 countries attended. There were representatives from Canada, China, Denmark, Finland, Germany, New Zealand, Norway, South Africa, Trinidad, the United Kingdom and the United States. Those present felt they had gained so much in improved understanding of both the differences and commonalities in the problems they faced in research and teaching that they resolved to find ways to increase their contacts and promote greater understandings among themselves and their colleagues.

With generous financial support from the Carnegie Endowment and the Elmhirst family a second Conference was held at Cornell University, Ithaca, N.Y., in August 1930 with 309 representatives from 20 countries attending: 234 were from the US and Canada coming from 30 states and 5 provinces. A Constitution for IAAE was developed and adopted under the leadership of Arthur Ashby (Aberystwyth, UK). The Conference extended over 10 days with presentations from 84 speakers. It was agreed that the proceedings should be published for the first two conferences under the leadership of F.F. Hill, one of the subsequent leaders in the founding of IRRI, CIMMYT and the international agricultural research centers. Many of the traditions of our Conferences stem from these beginnings.

The proceedings volumes generally included nearly all the International Conference of Agricultural Economists (ICAE) papers up through the 1973 conference. Subsequently, an Occasional Papers series carried many of the contributed papers and the proceedings volume held plenary papers, the ICAE program, Presidential Address, and Elmhirst Lecture. In the meantime, IAAE had initiated a journal *Agricultural Economics* (in 1986). In 1997, it started carrying a selection of contributed papers from the conference. In addition, in 2003, AgEcon Search at the University of Minnesota began

posting all contributed papers as well as poster abstracts from each triennial conference, along with gray literature from many departments of agricultural economics in the United States and increasingly worldwide.

The proceedings volumes became known as the Blue Book because of the dark blue color of the hard copy tome published from each conference. Over the years, editorship was provided by various individuals, nearly all from the U.K.--presumably because they were keeper of the King's English and Ashgate was its publisher. From the 12th ICAE in 1966 through the 15th in 1974, K.E. Hunt, served as the Blue Book editor and in 1977 he collaborated with the IAAE VP-Program to publish the 16th ICAE proceedings. The four conferences from 1981 through 1989 were edited by Alan Maunder, UK and the IAAE Vice President-Program of the individual conferences. The continuous co-editor then became George H. Peters beginning in 1992 through his untimely death in 2001, again working with the Vice President-Program to produce the Blue Book for each conference. George was well known as a strict but kind editor, and a great storyteller. His passing also marked the end of the traditional Blue Book.

The hardcover Blue Books along with special editions of the journal containing contributed papers were a substantial cost item in the IAAE budget. In early 2005, at the beginning of the Blackwell publication of *Agricultural Economics*, they produced the content of the Blue Book from the 2003 ICAE as a special issue of the Journal. That practice has continued since, with the Vice President-Program and generally a collaborator they select (normally the organizer of the contributed papers portion of the program) acting as guest editors. In nonconference years the special issue is often used by the editors to publish a peer-reviewed set of papers on a timely topic organized by guest editors. This arrangement for publishing the proceedings has resulted in a cash inflow versus the previous significant outflow, and has thus

contributed to the strong financial position which IAAE currently enjoys. While the proceedings special issues have been made available in hard copy until now, this will no longer be the case as IAAE moves to completely electronic dissemination of conference proceedings and papers from the 2018 ICAE.



The IAAE today

The **International Association of Agricultural Economists** (IAAE) is a worldwide confederation of agricultural economists and others concerned with agricultural economic problems, including problems related to the use of renewable resources and the environment. Its broad goal is to *make a difference* through:

- Fostering the application of agricultural economics to improve rural economic and social conditions.
- Advancing knowledge of agriculture's economic organization.
- Facilitating communication and information exchange among those concerned with rural welfare.

Membership in the IAAE is for a three-year period, currently from January 1, 2017, through December 31, 2019. The membership fee is income-based: \$160 for those with an income in excess of \$50 000; \$130 for those with an income between \$20 000 and \$50 000, and \$75 for those with an income of less than \$20 000 for the three-year period. All memberships include electronic subscriptions to ***Agricultural Economics: the official Journal of the IAAE***. Members also receive the IAAE Newsletter, and access to the IAAE web page "Members Only" section. An IAAE directory is made available after each conference containing the names and addresses of all members. A hard copy of subscription to the journal costs \$105 in addition to the membership fee.

Organization: The International Association of Agricultural Economists, Inc. (IAAE) was incorporated in Wisconsin, USA on November 9,

2012. This Wisconsin nonprofit corporation replaced the unincorporated IAAE, pursuant to a resolution adopted by the IAAE Council on August 20, 2012. The registered office of the IAAE is in Milwaukee, Wisconsin, USA.

IAAE, Inc. is governed by a Board of Directors which consists of four officers and three At-Large Directors, all elected for 3-year terms, by vote of IAAE members. The officers are President, President Elect, Past President, and Secretary-Treasurer who comprise the Board's Executive Committee. The Board appoints the Editors of the journal *Agricultural Economics*, and one of them serves as an ex-officio, nonvoting member of the Board.

The Board meets annually in person to transact IAAE business, and may hold additional meetings or take action needed via electronic communications. In-person meetings are held in conjunction with the triennial International Conference of Agricultural Economists (ICAE), and in nonconference years in conjunction with regional association conferences or IAAE co-sponsored inter-conference symposia. A triennial IAAE members' business meeting is held in conjunction with the ICAE, replacing the former IAAE Council meetings.

There are two standing committees of the IAAE Board, the Executive Committee described above and the Finance Committee. The Board may also appoint Ad hoc Committees as needed to address specific issues. An Executive Director may be employed directly or by contract to help manage operations of the Corporation.

Earlier IAAE Conferences

Year	Location	Professionals Attending
1929	Totnes, Devon, England	50
1930	Ithaca, New York, USA	300
1934	Bad Eilsen, Germany	170
1936	St. Andrews, Fife, Scotland	219
1938	Ste. Anne de Bellevue, Quebec, Canada	510
1947	Totnes, Devon, England	82
1949	Stresa, Italy	271
1952	East Lansing, Michigan, USA	340
1955	Helsinki, Finland	364
1958	Mysore, India	350
1961	Cuernavaca, Mexico	485
1964	Lyon, France	562
1967	Sydney, Australia	501
1970	Minsk, USSR	685
1973	Sao Paulo, Brazil	695
1976	Nairobi, Kenya	656
1979	Banff, Alberta, Canada	795
1982	Jakarta, Indonesia	480
1985	Malaga, Spain	823
1988	Buenos Aires, Argentina	759
1991	Tokyo, Japan	908
1994	Harare, Zimbabwe	691
1997	Sacramento, California, USA	781
2000	Berlin, Germany	951
2003	Durban, South Africa	735
2006	Gold Coast, Australia	987
2009	Beijing, P.R. China	878
2012	Foz do Iguacu, Brazil	632
2015	Milan, Italy	1158
2018	Vancouver, Canada	1235



Past conference themes

1955	The Implications of Technical Change in Agriculture
1958	Agriculture and its Terms of Trade
1961	Role of Agriculture in Economic Development
1964	Disparities in the Pace and Form of Agricultural and Rural Development
1967	The Economist and Farm People in a Rapidly Changing World
1970	Policies, Planning and Management for Agricultural Development
1973	The Future of Agriculture: Technology, Policies and Adjustment
1976	Decision-making and Agriculture
1979	Rural Change: The Challenge for Agricultural Economists
1982	Growth and Equity in Agricultural Development
1985	Agriculture in a Turbulent World Economy
1988	Agriculture and Governments in an Interdependent World
1991	Sustainable Agriculture Development: The Role of International Cooperation
1994	Agriculture Competitiveness: Market Forces and Policy Choice
1997	Food Security, Diversification and Resource Management: Refocusing the Role of Agriculture
2000	Tomorrow's Agriculture: Incentives, Institutions Infrastructure and Innovations
2003	Reshaping Agriculture's contributions to Society
2006	Contributions of Agricultural Economics to Critical Policy Issues
2009	The New Landscape of Global Agriculture
2012	The Global Bio-Economy
2015	Agriculture in an Interconnected World
2018	New Landscapes and New Mandates for Agriculture

The tradition of the Cow Bell

It is a tradition that each triennial Conference of the IAAE is opened and closed by the ringing of a "cow bell". Presumably this was an appropriate way to call an agricultural meeting to order in England in the 1920s. It now symbolizes the need to remember our roots in agriculture during conference discussions.

Leonard Elmhirst wrote the following statement about the actual origin of the first bell in this conference bulletin, *The CowBell*, August 25, 1955 in Finland. "The first cow bell was not I suspect a cow bell but a sheep bell. It came from an old shop in Amesbury, the nearest village to Stonehenge, the Bronze Age druidic temple on Salisbury Plain, England. Here the Celts grazed their flocks on the chalky pastures high above the swamps and heavy forest where the Saxons later found the richest farmland. In World War II it was found possible to fertilize and plough these downs which had not been cultivated for 3000 years and then only in tiny

welchets, or small strips. This bell had a quaint shape and harness of its own with leather neck harness and oak pegs. It is represented on the back of every volume of our official proceedings. It was presented to our first Vice-President, G. F. Warren of Cornell and is now one of his family heirlooms. Our present bell, acquired before the 1949 conference in Stresa, is a real cow bell from Chamoniz in Switzerland."

The preceding quote is taken from John Raeburn's *History of the IAAE*, p.172. Raeburn goes on to say that in an issue of *The CowBell* at the Lyon Conference in 1964 it was reported that, "The large bell presented on Monday to the Association by Denis Bergmann on behalf of the French Committee is about a hundred years old. Despite its size it is a genuine Alpine cow bell..." The present whereabouts of this Alpine cowbell is something of a mystery. The bell in use at this XXIX Conference is the one to which Elmhirst referred.

The Elmhirst Lecture

Leonard K. Elmhirst (1893-1974) served as the first President of the IAAE from 1929-1958 and was designated, founder-president, until his death in 1974. In his honor, the Leonard K. Elmhirst Memorial Lecture was instituted in 1976 and presented in Mysore, India by T. W. Schultz.

Elmhirst drew together a small group of agricultural economists from the United States and the United Kingdom in 1928 to develop plans and a program for what we now think of as the first International Conference of Agricultural Economists held at Dartington Hall, Devon, England in 1929. Fifty agricultural economists from eleven countries met at that first conference. They concluded that such conferences would be of great benefit to agricultural economist throughout the world in increasing their knowledge and understanding of other peoples and their problems and in promoting mutual understanding and good will.

The International Conference of Agricultural Economists was formally organized at the second meeting held in 1930 at Cornell University, Ithaca, NY. The name of the organization was changed to the International Association of Agricultural Economists at the 1961 conference in Mexico.

Leonard Knight Elmhirst was born in Yorkshire, England. He was the second of eight sons of a Church of England vicar who was also an estate owner. Elmhirst developed a love of nature and the countryside and learned the importance of sound land management in his early years. After ten years of boarding school, he went to Trinity College, Cambridge to read theology and history.

In 1915 he was accepted for work in India with the YMCA, which was also ministering to British soldiers

in India. In 1919 he went to Cornell to study for a degree in agriculture with the intention of returning to rural India and helping local farmers to improve their agricultural production. While at Cornell he became involved in the Cornell Cosmopolitan Club and made many friends there from Latin America, China, Turkey and elsewhere.

At Cornell he studied with Carl E. Ladd and George F. Warren who were his lifelong friends. After completing his degree, he spent the period from 1921 to 1923 in India working with rural villagers in West Bengal and with the famous Indian poet and educator, Rabindranath Tagore. He travelled with Tagore in India in 1923, to China and Japan in 1924, and to Argentina and Italy in 1925. In 1925 he married Dorothy Payne Whitney Straight, whom he had met while at Cornell and who had sponsored much of Elmhirst's work in India with Tagore.

Between 1925 and 1928 when he sent invitations for planning the first International Conference, he was heavily committed to establishing his home with his new wife at Dartington Hall. It needed much repair. They restored the old buildings, established a boarding school, setup a group of cottage industries and created a small agricultural research group. Elmhirst devoted much of his time and personal resources to developing the International Conference of Agricultural Economists and laying the foundations of the IAAE.

For additional information about Leonard Elmhirst, his life and his work, and for background on IAAE, obtain a copy of the book, *The History of the International Association of Agricultural Economists*, written by John Raeburn and J. O. Jones, published in 1990 by Dartmouth Publishing Company, Aldershot, UK.

Biographical statement, Dave Donaldson

Dave Donaldson teaches and carries out research on topics at the intersection of International/Intranational Trade, Development

Economics, Economic History and Environmental Economics. He has studied, among other topics: the welfare and other effects of market integration,

the impact of improvements in transportation infrastructure, how trade might mediate the effects of climate change, and how trade affects food security and famine. This work has been awarded the 2017 John Bates Clark Medal, given by the American Economic Association to the US-based economist under the age of forty who is judged to have made the most significant contribution to economic thought and knowledge, as well as an Alfred P. Sloan Research Fellowship and several grants from the National Science Foundation. He

currently serves as a co-editor at the American Economic Journal: Applied Economics, as an editorial board member at the Journal of Economic Literature, the Journal of International Economics, the Review of Economic Studies, and the Quarterly Journal of Economics, and as a program director (for Trade) at the International Growth Centre. A native of Toronto, Canada, Donaldson obtained an undergraduate degree in Physics from Oxford University and a PhD in Economics from the London School of Economics.

Leonard K. Elmhirst Lectures in his honour have been:

1976	T. W. Schultz	University of Chicago
1979	Sir W. A. Lewis	Princeton University
1982	Keith O. Campbell	University of Sydney
1985	Amartya Sen	University of Oxford
1988	Yujiro Hayami	Aoyama Gunkin University
1991	V. S. Vyas	Institute of Development Studies
1994	D. Gale Johnson	University of Chicago
1997	Yair Mundlak	Hebrew University of Jerusalem
2000	James T. Bonnen	Michigan State University
2003	Bruce Gardner	University of Maryland
2006	Hans P. Binswanger	Tswane University of Technology, World Bank
2009	Alain de Janvry	University of California, Berkeley
2012	Peter Hazell	International Food Policy Research Institute
2015	Philippe Aghion	London School of Economics
2018	Dave Donaldson	Massachusetts Institute of Technology

From Member to Member

The last pages of the daily Cowbell is the place for exchanging ideas, distributing information and communicating with members. If you want to organize an ad-hoc discussion group or a reunion, or communicate other things to the conference

attendants, just let us know and it will be published in the next day's Cowbell!

Email your notices for the Cowbell to jancg@sun.ac.za by 14h00 (2pm) of the day before publication.

To all members: Notice of the IAAE Business Meeting

All IAAE members are cordially invited to attend the IAAE Business Meeting, which will take place from **18:30 to 19:30 on Sunday the 29th in Salon 1**. Members of the IAAE Board of Directors will provide updates on ongoing initiatives, plans, and the association's financial status, and we will introduce the recently elected incoming Board members who will take office at the end of the Vancouver Conference. Please take advantage of this opportunity to find out more about your IAAE, ask questions and make suggestions.

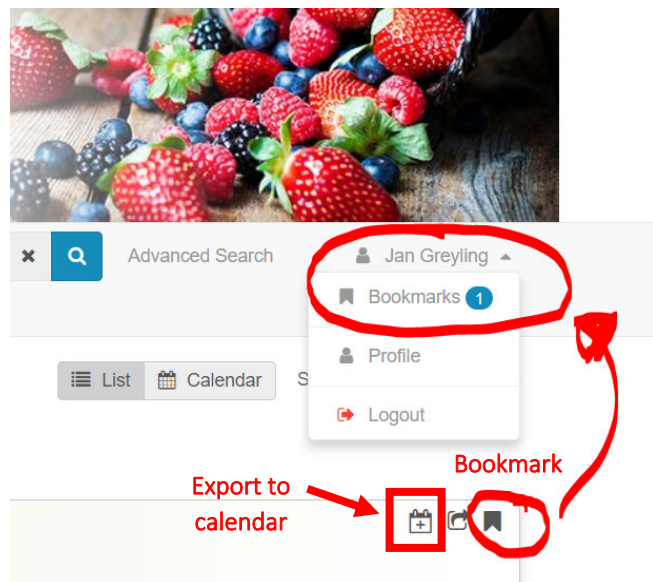
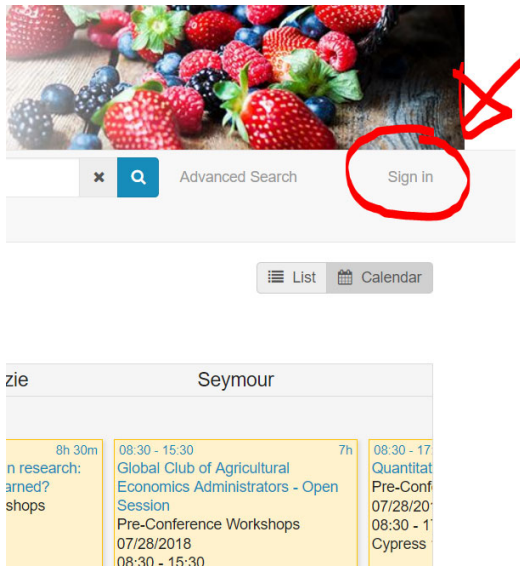
Using the online conference calendar

Finding your way around a programme with more than 800 papers can be a daunting task. To save costs, the environment and your back we've decided not print a full programme this year. Whilst some conferences offer a decided mobile app we've opted for a PC and mobile friendly browser-based app instead. This both saves you the trouble of not having to install yet another App on your device and offers the peace of mind of a programme which is always up to date.

The easiest way to find your way around is by using the search bar, this searches across authors, titles and topics. Alternatively, you can scroll through the list and calendar views.

The website also offers the option of creating a user profile. This this allows you to create your own conference calendar through bookmarking the sessions of interest. To do so simply click on the "Sign in" button on the right-hand corner. This will prompt you to create an account, after doing so and signing in, you can bookmark your favourite presentations for later reference. You can also export sessions to your personal Outlook, iCal or Google Calendar by clicking on calendar export button shown below.

To access the online calendar, [click here](#).



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RESEARCH IN AGRICULTURAL & APPLIED ECONOMICS

Visit our booth, learn more about our new platform!

AgEcon Search moved to a new software platform in 2017. We invite you to stop by the AgEcon Search booth and learn about its features including improved searching, limits, and submission.

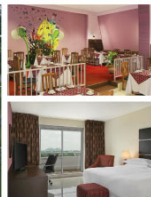


6TH AAE CONFERENCE
23 – 26 SEPTEMBER 2019
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**Rising to Meet Evolving
Challenges:**

Africa's Agricultural Development
Beyond 2020 Vision

www.aae2019.info



6th AAE Conference
23 – 26 September 2019
Sheraton Hotel, Abuja, Nigeria

IMPORTANT DATES

ITEM	DATE
First Call for Papers	30 July 2018
Second Call for Papers	28 August 2018
Final Call for Papers	28 September 2018
Website open for submissions of contributions	20 November 2018
Submission of Proposals for Symposia	08 December 2018
SUBMISSIONS DEADLINE for all contributions	07 March 2019
Early Bird Registration Opens	04 April 2019
Notification of Acceptance of Papers	06 June 2019
Early Bird Registration Deadline	20 June 2019
Presenting Authors Registration Deadline	18 July 2019
Deadline for Revised Papers Submissions	22 July 2019
6th AAE Conference, Abuja, Nigeria	23-26 September 2019