









International Conference of Agricultural Economists



YOUR CONFERENCE BULLETIN

AUGUST 2-7, 2024 - NEW DELHI, INDIA

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Hashtags: #ICAE2024 #ICAE24 #NewDelhi2024 #ICAEInIndia



Welcome Message from IAAE President, Uma Lele

n behalf of the Board of IAAE, I have the pleasure to welcome you to the 32nd International Conference of Agricultural Economists (ICAE) in New Delhi, India. India is my home where I was born and raised until I went to the US for graduate studies and have maintained regular research and family contact. We hope IAAE members participating in the Conference will take advantage of the country's rich cultural, religious, and linguistic heritage and its diversity. This in-person Conference is particularly pleasurable from such a perspective because due to COVID, the 2021 conference had to be a virtual conference. Now members can look forward to engaging in in-person interactions in situ after six years.

This is the second IAAE Conference in India. Mysore was the site of the 1958 conference which was inaugurated by Prime Minister Nehru.

This year we have received over 1300 submissions of papers, posters, and sessions, leading to tough competition for slots. Congratulations to all of you who have met the high standards to get selected to contribute to a great program, now consisting of 380 papers, 222 posters, 57 Organized Symposia, 23 Invited Panels, 22 plenary lectures, and 6 pre-conference workshops.

The distinguished Elmhirst Lecture series is an important feature of the conference. The Elmhirst series was inaugurated by the Nobel prize winning Professor TW Schultz in 1976. Since then, three Elmhirst Lecturers have won the Nobel Prize, and one has been awarded John Bates prize. This year we are delighted to have Thomas Hertel as our Elmhirst Lecturer. He is a Distinguished Fellow of the American Association for the Advancement of Science (AAAS), 2018, and recipient of the Alexander von Humboldt Research Prize 2022

A unique feature of ICAE in recent years has been the prominent role acquired by women agricultural economists. In 2018, 38 percent of the 625 presentations were made by women. The sessions ranged from plenaries, organized symposia, contributed papers and invited sessions are counted.

In 2024, the proportion of presentations made by women will be 45 percent, when only looking at the plenary talks the proportion is even higher at 59 percent. This is good progress, but as an Association we shall never stop to foster diversity in its various dimensions.

We owe a debt of thanks to many people and organizations who have made important contributions to the organization of this conference. Matin Qaim, our IAAE President-Elect, and his team have worked hard to bring the academic program to fruition, considering that over 1300 submissions were received for the different session formats.

Each submission was reviewed by various reviewers, and the successful ones were allocated to the 225 contributed and invited sessions. In total, 1022 presentations will be made at ICAE in a number of different formats. Thanks for helping to organize the review process also go to Martin Parlasca, Meike Wollni, Liesbeth Colen, Jill McCluskey, and Wendy Umberger.

The Organizing Committee have devoted major efforts to organize this conference and welcome you to Delhi. ICAE 2024 is co-organized by various local organizations, namely the Indian Council of Agricultural Research (ICAR), the Agricultural Economics Research Association in India (AERA), the International Food Policy Research Institute (IFPRI), the Indira Gandhi Institute of Development Research (IGIDR), the National Academy of Agricultural Sciences (NAAS), and the Indian Society of Agricultural Economics (ISAE). The Local Organizing Committee (LOC) is chaired Ramesh Chand and co-chaired by Himanshu Pathak. Special thanks for her efforts also go to the Local Organizing Secretary, Smita Sirohi.

I also want to thank the organizations that have provided generous financial support for participants from low- and middle-income countries. These include USDA-ERS, the Bill & Melinda Gates Foundation, the TATA-Cornell Institute, IFAD, and the Australian Centre for International Agricultural Research (ACIAR). Furthermore, several other organizations have financially supported the participation of Indian scholars and various other things. A full list of sponsors can be found here: https://icae2024.in/sponsors.

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

The Delhi 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 three new Board Members will join the IAAE Board of Directors. I would like to congratulate Jill McCluskey elected President-Elect, and Joshua Ariga, Madhu Khanna, and Miet Maertens as Board Members at large, Stephan von Cramon-Taubadel, was re-elected as IAAE Secretary Treasurer, Matin Qaim, current President-Elect, will soon step up to be President. I will step down as President at the end of this Conference but will remain member of the Board as immediate Past-President. Nick Vink will leave the Board, ending his twelve years of service as President-Elect, President, and Past-President. Thanks to Nick for his untiring contributions and his vision and leadership. Wendy Umberger and Tahirou Abdoulaye will end their terms as Members at large.

Awudu Abdulai and Ashok Mithra have stepped down over the last several months as co-editors of our critically important journal Agricultural Economics. Sangeeta Bansal and Jacob Ricker-Gilbert will continue as co-editors. In addition, we are pleased that we were able to recruit Jan Börner as a third co-editor, who joined the team a few weeks ago.

Once again, welcome to Delhi to ICAE 2024.

Uma Lele President, IAAE**☉**

"We hope IAAE members participating in the Conference will take advantage of the country's rich cultural, religious, and linguistic heritage and its diversity."



Welcome Message from Prof. Ramesh Chand, Chair of the LOC, ICAE 2024

ear Delegates and Participants,

On behalf of the Local Organizing Committee, I am delighted to welcome you to the **32nd International Conference of Agricultural Economists (ICAE 2024),** held at the NASC Complex in New Delhi from August 2-7, 2024. It is a privilege to host the ICAE in India again, nearly 65 years after the 10th ICAE in Mysore in 1958. This conference is a significant milestone, bringing together leading experts, researchers, and practitioners from around the globe to address the crucial theme of our time: the transformation towards sustainable agri-food systems. We are proud to host this event in a country renowned for its rich tradition of agricultural advancement and innovation.

The theme underscores the urgent need to revamp current agricultural and food systems in response to mounting global challenges including climate change, natural resource degradation, inflation, conflicts and shocks amidst an ever-burgeoning population. Our goal is to explore how we can build agri-food systems that not only meet the current needs but also ensure long-term sustainability, inclusivity and resilience.

ICAE 2024 will explore a range of vital topics, including promoting healthy and sustainable diets,

enhancing agri-food supply chains, addressing gender issues in agriculture, exploring innovative research approaches, and improving the resilience of agricultural systems to climate change and global shocks. We eagerly anticipate the discussions and collaborations that will unfold at ICAE 2024 and look forward to the valuable insights and partnerships that will emerge. It will be a privilege to hear from renowned speakers and engage in dynamic discussions that align with India's Vision 2047 and recent G-20 summit deliberations on sustainable development.

In addition to the technical discussions, we are also offering a range of exciting tour options focusing on various aspects of Delhi from agricultural excellence to its historical significance and cultural vibrancy. Explore the city's landmarks, or immerse yourself in its lively markets and diverse cuisine.

Should you need assistance, our local organizing committee members and volunteers are there to help.

Welcome to Delhi, and we hope you have a rewarding and memorable ICAE 2024 experience!

Warm regards,

Ramesh Chand Chair, Local Organizing Committee ICAE 2024

About New Delhi:

New Delhi is the gateway for tourists who wish to explore India. Of great interest to tourists are the city's famed monuments such as the Red Fort, Qutub Minar, Humayun's Tomb, Old Fort and Bahai Temple. It also serves as the access point to a world-famous tourist circuit, The Golden Triangle - New Delhi, Agra and Jaipur as well as the famed hill stations of the Himalayas

The Tradition of The Cowbell

t is a tradition that each triennial Conference of the IAAE is opened and closed by the ringing of a "Cowbell." 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 cowbell was not, I suspect, a cow bell but a sheepbell. 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 a 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 cowbell from Chamonix 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 cowbell..." The present whereabouts of this Alpine cowbell is something of a mystery. The bell in use at this XXXII Conference is the one to which

Elmhirst referred

"The first cowbell 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."



Conference Theme:

Transformation Towards Sustainable Agri-Food Systems

Current agri-food systems are not sustainable. Chronic hunger and undernutrition remain stubbornly high and have increased recently due to several overlapping crises. Paradoxically, many of

those unable to afford healthy diets

are smallholder farmers. At the same time, overweight, obesity,

and related chronic diseases are rising. Malnutrition in its various shapes accounts for more than one-third of the global burden of disease. Beyond human health issues, agri-food systems are major contributors to serious environmental problems,

such as climate change, biodiversity loss, and natural resource degradation. Profound system transformations are required everywhere – in low-, middle-, and high-income countries – such that agri-

food systems can contribute more effectively to the Sustainable Development Goals (SDGs). While the urgent need for transformation is widely acknowledged, many open questions remain about the desired shape and size of sustainable agri-food systems and what concrete innovations, policies, and behavioral changes are needed globally and locally in different contexts.

ICAE 2024 will address urgent questions on how to make agri-food food systems more sustainable with a particular focus on the important role of agricultural economists in facing these interdisciplinary challenges. The conference will feature invited and contributed papers and sessions on topics such as healthy and sustainable diets, technological and institutional innovations, agroecology, gender roles and social equity in agri-food systems, environmental and social externalities of value chains, the true cost of food, and bioeconomy, among others •

Our Sponsors

The following organizations have supported scholars from low- and middle-income countries in participating in ICAE 2024.











Our Sponsors in India





















The Agricultural Economics Society of Japan
NITI Aayog
日本農業経済学会



Origins of the IAAE

he 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. 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 ten 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 centres. 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 meeting. 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 and poster abstracts from each triennial conference, along with gray literature from many departments of agricultural economics in the United States and increasingly worldwide.

BLUE BOOK

The proceedings volumes became known as the Blue Book because of the published dark blue color of the hard copy tome from each conference. Over the years, the editorship was provided by various individuals, nearly all from the U.K. presumably because they were the 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 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 and 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 Blue Book content 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 (usually the organiser of the contributed papers portion of the program) acting as guest editors.

In non-conference years, the editors often use the special issue to publish a peer-reviewed set of papers on a timely topic organised 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 2015 ICAE in Milan, Italy

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The Elmhirst Lecture

eonard Knight 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 honour, 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

economists throughout the world in increasing their knowledge and understanding of other peoples and their problems and in promoting mutual understanding and goodwill.

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

Leonard K. 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 landmanagement 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 minister- ing 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 villages in West Bengal and with the famous Indian poet and educator Rabindranath Tagore. He travelled with Tagore to 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.

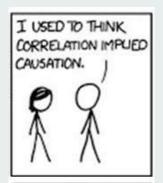
Between 1925 and 1928, when he sent invitations to plan the first International Conference, he was heavily committed to establishing his home with his new wife at Dartington Hall. It needed much repair. They restored the old buildings, established a boarding school, set up cottage industries, and created a small agricultural research group.

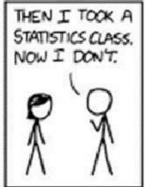
Elmhirst devoted much of his time and personal resources to developing the International Conference of Agricultural Economists and laying the foundations of the IAAE.

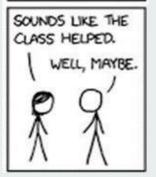
For additional information about Leonard Elmhirst, his life and his work, and for background on IAAE, obtain a copy of the book, "The History of the International Association of Agricultural Economists", written by John Raeburn and J. o. Jones, published in 1990 by Dartmouth Publishing Company, Aldershot,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

Fifty agricultural economists from eleven countries met at that first conference. They concluded that such conferences would be of great benefit to agricultural economists throughout the world in increasing their knowledge and understanding of other peoples and their problems and in promoting mutual understanding and good will.

Leonard Knight Elmhirst Lectures Series







SPEAKER	INSTITUTION	YEAR
Thomas Hertel	Purdue University	2024
Kym Anderson	Adelaide	2021
Dave Donaldson	Massachusetts Institute of Technology	2018
Philippe Aghion	INSEAD	2015
Peter Hazell	International Food Policy Research Institute	2012
Alain de Janvry	University Bank of California, Berkeley	2009
Hans P Binswanger	Tswane University of Technology	2006
Bruce Gardner	University of Maryland	2003
James T. Bonnen	Michigan State University	2000
Yair Mundlak	Hebrew University of Jerusalem	1997
D. Gale Johnson	University of Chicago	1994
V.S. Vyas	Institute of Development Studies	1991
Yujiro Hayami	Aoyama Gunkin University	1988
Amartya Sen	University of Oxford	1985
Keith O. Campbell	University of Sydney	1982
Sir W. A. Lewis	Princeton University	1979
T. W. Schultz	University of Chicago	1976

ECONOMIC MOOD SWING



IAAE Today

he 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 exchange among those concerned with rural welfare
- 3. Facilitating exchange among those concerned with rural welfare.

Membership in the IAAE is for a three-year period. The membership fee is income-based:

- \$160 for those with an income above \$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 years.

All memberships include electronic subscriptions to

- + Agricultural Economics: The Journal published by the IAAE.
- *The IAAE Newsletter, and access to the IAAE "Members Only" section. An IAAE directory is made available after each conference containing the names and addresses of all members.

Organization: The International Association of Agricultural Economists, Inc. (IAAE) was incorporated in Wisconsin, USA, on November 9, 2012, for various good reasons. This Wisconsin nonprofit corporation replaced the unincorporated IAAE, pursuant to the resolution adopted by the IAAE Council on August 20, 2012. The registered office of IAAE is in Milwaukee, Wisconsin, USA.

IAAE, Inc. is governed by a Board of Directors that consists of four (4) officers and three (3) At-Large Directors, all elected for 3-year terms by vote of IAAE members. The officers are the **President, President-Elect, Immediate Past President, and Secretary-Treasurer**, who comprise the **Board's Executive Committee**.

The Board appoints Editors of IAAE's international journal *Agricultural Economics*, and one of them serves as an ex-officio, non-voting 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 long-standing IAAE Council meetings.

There are two standing committees of the IAAE Board, the

- 1. Executive Committee described above and the
- 2. 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 the Corporation's operations

€

IAAE BOARD OF DIRECTORS

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ANNOUNCEMENTS

ICAE 2024 Papers on AgEcon Search

IAAE is excited to present the ICAE 2024 Paper Collection on AgEcon Search. The Collection features the Plenary Papers and the Contributed Papers that were submitted for upload and will be presented at the upcoming Conference in New Delhi. Take a look, browse the collection, and whet your appetite. The Collection is available open access here.



FAO Young Researchers Networking Event

The FAO welcomes Young Researchers for a networking event at The Lalit Hotel in New Delhi on August 4th at 7pm. If you're interested in participating, please fill out the Google form link. Selected applicants will receive further details and an invitation to the event.

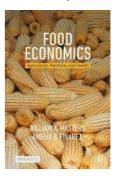


FAO Young Researchers Networking Event

4 August 2024 at 7 pm New Delhi time The Lalit Hotel, Barakhamba Road, Connaught Place

Open-Access Textbook on Food Economics: Agriculture, Nutrition and Health

IAAE members are welcome to use the new open access textbook entitled "Food Economics: Agriculture, Nutrition and Health" (by William Masters and Amelia Finaret) freely available online here: https://link.springer.com/book/9783031538391. The book is aimed at helping instructors prepare and deliver courses for advanced undergraduates and graduate students from diverse backgrounds, including service courses taught for students with no prior knowledge of economics or agriculture.



The last pages of the Cowbell is the place for exchanging ideas, distributing information and communicating with members. If you have a story, let us know. 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 communicationsdirector@iaae-agecon.org by 10h00 (10AM) IST of the day before publication.



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