



16th IFSDAA International Conference
on
Role of Digital Technologies and Sustainable Approaches
towards Agriculture, Environment and Health

March 19 - 21, 2026

Tribute to Prof. Rishi K. Behl
May 14, 1951 – November 6, 2025

organized by

International Foundation for Sustainable Development in Africa & Asia
<https://www.aASF.de/IFSDAA/international-conference-2026/>

at
African-Asian Studies Promotion Association
Mahatma Gandhi House, Theodor Heuss Str. 11
37075 Göttingen, Germany
www.aASF.de

in collaboration with

Society for Sustainable Agriculture and Resource Management (SSARM),
Hisar, India

Chaudhary Charan Singh Haryana Agricultural University,
Hisar 125004, Haryana, India

International Office, Georg August University
37075 Göttingen, Germany

INVITATION

Dear Colleagues,

World population is increasing unabated, more so in developing countries of Africa, Asia and Latin America, putting great pressure on natural resources to produce adequate food of good nutritional value to ensure global food security under climate change. Overmining of nutrients, depleting soil organic carbon, secondary salinization due to excessive irrigation and reduced arable land area due to urbanization necessitate some sort of regenerative agriculture for sustainable food production. Artificial Intelligence (AI) is significantly contributing in precision agriculture, environment management, human and livestock health, industrial production as well as service sector. AI offers innovative data driven solutions to complex problem in all walks of life. Application of AI is impactful in agriculture, environment conservation, health care and industrial production to enhance efficiency, sustainability and productivity outcomes. AI is transforming these and several other sectors important for Sustainable Development Goals (SDGs).

AI is revolutionizing agriculture through precision farming, optimized resource use while minimizing environmental impact and enhanced supply chain management. AI-powered sensors and drones monitor crop health, soil quality and weather patterns. Automated irrigation systems optimize water usage based on real-time data. Early prognosis through machine learning enables detection and management of potential diseases and pest infestations and predict crop yields. Moreover, AI can enhance productivity, reduce wastage, lower water and nutrient usages with greater efficiency and minimize environment footprint through sustainable farming practices. AI-driven technologies are more relevant to industrialized nations with large land holdings. Contrary to this sustainable farming practices such as integrated nutrient management, plant protection measures including weed and pest control, use of brackish and normal water for irrigation, resource conservations technologies, post-harvest management will continue to be a matter of research and development.

Climate change is witnessed globally as a potential challenge for all researchers and development functionaries to ensure food security, environmental health, biodiversity conservation and threats due to emergence of new pest and diseases. AI using advance algorithm and machine learning, surveillance through sensors and cameras can offer tangible solutions for mitigating climate change through monitoring greenhouse gas emission, forecasting weather, rainfall patterns, extreme events of temperature rise and recurrent droughts. AI optimizes energy consumption in industries and households, product supply management chain and supports the development and management of renewable energy systems. Prudent agro-technologies, nano bio-technologies and digital technologies can coherently tackle problems and offer solutions in agriculture, environment and health.

In healthcare, AI is enhancing diagnostics through sensors and image processing for various diseases and their treatment as well as patient care. AI leverages genetic data and patient history to recommend customized treatments.

With the ability of AI to analyze vast amounts of data and generate actionable insights; it is crucial to ensure ethical implementation, protect data privacy and promote equitable access to maximize their societal benefits as well as analyze its pros and cons.

In light of the above facts, the International Foundation for Sustainable Development in Africa and Asia (IFSDAA) and Afro-Asian Studies Promotion Association (AASF) are jointly organizing this international conference in collaboration with the HAWK University of Applied Sciences and Arts, Goettingen, Germany, the Society for Sustainable Agriculture and Resource Management (SSARM), India, and Chaudhary Charan Singh Haryana Agricultural University, Hisar, India. Policy planners, researchers, scholars and NGOs in science & technology, agriculture, bio-technology, healthcare, environment, and social research streams are welcome to participate. The organizers will be happy to welcome the participants to the conference venue at AASF center, Mahatma Gandhi House, Goettingen, Germany.

Dr. K. Wolde-Giorgis
Convener

Prof. B.R. Kamboj
Co-convener

Dr. Manfred Kern
Co-chair

Prof. A. Riedacker
Chair

Information about the Conference

The International Conference includes oral & poster presentations and demonstration from well-acclaimed research and development functionaries from academia, technology experts and industry representatives for knowledge enhancement in real time through revealing and reflecting experiences and ideas on recent innovations in Science Technologies and entrepreneurship.

Venue: Mahatma Gandhi House,
Theodor Heuss Str-11, 37075 Göttingen, Germany

Dates: March 19 – 21, 2026

Conference Language: English

Objectives

- To review the developments in digital technologies and sustainable farming approaches with higher precision, efficiency and techno-economic feasibility
- To promote Science and Technology in AI and IoT for food security, climate change, environment, health and industrial sectors globally
- To develop and promote digital technologies for forewarning and environment management systems under climate change and assess their impact on natural resource management and health system
- To create a network of technocrats and management experts in cooperation with IFSDAA-AASF for achieving sustainable development goals in Africa and Asia

Mission

This conference shall disseminate latest results on the application of science and technologies especially digital and sustainable approaches for climate resilient agriculture, environment conservation, health care, industrial and service sector in Africa and Asia.

Themes for Contributory Papers

Contributors are requested to specify the topic of their intended presentation from among the following themes and related topics. Poster presentations of reference projects will also be appreciated.

1. Application of Digital technologies in climate resilient precision agriculture including crops and livestock management under abiotic and biotic stresses
2. Application of AI in assessment of natural, genetic resources and sustainable agriculture practices for global food security
3. Impact of modern and conventional agricultural practices on biodiversity conservation and Climate change and its assessments through AI
4. Use of AI in disease diagnostic, drug delivery and health care system
5. Role of bio-technologies for crop improvement, bio fertilizers, bio-stimulants, and bio-control agents for resource use efficient, climate resilient, sustainable agriculture
6. Application of digital technologies and use of rural bioresources for efficient production and distributions of Renewable Energy for domestic and industrial purpose
7. Application of computer technologies including AI in automated industrial production
8. Use of AI in mapping natural resources and sustainable practices in agriculture for food security under climate change with minimum environmental footprints
9. Detection, diagnosis and management of insect pests, nematodes and diseases through AI and other advanced tools
10. Food and waste management technologies to develop useful products for agriculture, industry, civic amenities and health care systems though AI
11. Affordable engineering solutions in material sciences and use of AI

Dr. Karl Fritz Heise Memorial,
Prof. Dr. Brigitta Benzing Memorial
Prof. Dr. Rishi K. Behl Memorial
and Keynote lectures by distinguished professors/researchers/development functionaries from Africa, Asia, Europe, North & South America and Oceania.

Abstract

Maximum 250 words up to February 05, 2026. Submitted abstract will be reviewed by technical committee. Abstracts as well as full paper of registered participants will be published. Please submit your abstract *via* email to ifsdaa2026@aaf.de with a copy to ifsdaa2026@gmail.com. One participant can submit only one abstract/paper.

Registration Fee (before Feb 05, 2026)

Category	Early bird	Late/On-spot registration
Scientists/Researchers	Euro 150	Euro 175
Accompanied person	Euro 100	Euro 120
Research scholars and students	Euro 75	Euro 90

Registration fee includes book of abstracts, session tea, lunch and dinner during the conference days.

Accommodation

Hotels (bed & breakfast)	Single room	EURO 70-99
Accommodation for students/scholars (Box Hotel-Without breakfast as per actual rates per night)	Double room	EURO 100-120
	Single bed	EURO 30
	Double bed	EURO 35

Scientific Excursions

Scientific excursions will be organized for the participants before conference (March 16-18, 2026) and after conference (March 22-24, 2026), to scientific institutions, historical museums and other seen worthy places.

About Göttingen

Göttingen university town lies in the southern part of Lower Saxony. A number of museums and scientific industrial enterprises and high-tech university laboratories are seen worthy.

About Weather

Weather in March is cool and transitional, with average day time temperature 8-11°C and nights 0-2°C. Mostly sunny but rain showers are possible and umbrella as well as woolens for colder nights are recommended.

PATRONS: Prof. B.R. Kamboj, India; Prof. Ahmet Bagci, Turkey
Prof. N. El Bassam, Germany; Prof. W. Merbach, Germany

International Advisory Committee

Prof. A. Riedacker, Chair, France	Prof. Andreas Boerner, Germany
Dr. Manfred Kern, Co-chair, Germany	Prof. Gerhard Flachowsky, Germany
Prof. Dr. A. Ibenthal, Germany	Prof. Michael Rostass, Germany
Prof. Bruno Strasser, Switzerland	Prof. Toafazai Islam, Bangladesh
Prof. Heralt Scohne, Germany	Dr. Yasmine El Bahloul, Morocco
Prof. Christian Dimpka, USA	Prof. Dieter Trautz, Germany
Dr. Hossam Eldin Rushdi, Egypt	Prof. Ravindra Chibbar, Canada
Prof. Ahmet Bagci, Turkey	Prof. T. Shinano, Japan
Prof. M. A. Thamer, Iraq	Prof. Junta Yanai, Japan
Prof. Alireza Noorpoor, Iran	Prof. Ahmed Jahoor, Denmark
Dr. Noubactep Chicgoua, Cameroon	Prof. Taya Girma, Ethiopia
Prof. Suryakant, Australia	Dr. Jaswinder Gill, Canada
Prof. Sussane Neugart, Germany	Prof. Rattan Yadav, U.K.
Prof. Takau Ishikawa, Poland	Prof. Stefan Siebert, Germany

Local Organizing Committee of International Conference

Dr. Kahlid Wolde-Giorgis	Dr. S.K. Pahuja
Dr. Atul Dhingra	Dr. Samar Singh
Dr. Elhadi Morzog	Dr. Anil Vats
Dr. K.D. Sharma	Mrs. Agnes Otele Moussa
Dr. O.P. Bishnoi	Mrs. Christiana Ampedu
Dr. Yogesh Jindal	Mrs. Susanne Andreas
Dr. Rajesh Arya	Mrs. Heidemarie Dössel
Dr. Praveen K. Sharma	Mr. Diop
Dr. Vinod Goyal	Mr. Samvel
Er. Esmail Eqbal	Mr. Helge Tepperwien
Er. Vishal Behl	Mr. Peter Teriet
Dr. Abhishek Kumar	Ms. Pooja
Dr. Ankit Kumar	Dr. Arushi Padiyal

Registration and Contact

Please send the registration form to e-mail ifsdcaa2026@aaf.de with a copy to ifsdcaa2026@gmail.com, and the registration fee through Bank demand draft, pay orders to IFSDAA c/o Afro Asian Studies Promotion Association, Mahatma Gandhi Haus, Theodor-Heuss-Str. 11, 37075, Göttingen, Germany. On the conference venue, payments can be made in cash at the registration counter also.

Contact

Dr. K. Wolde-Giorgis (+49 16388 23672), Germany Mrs. Heidemarie Dössel (+49 151662 75002), Germany
Dr. Elhadi Morzog (+49 152133 40366), Germany Dr. S.K. Pahuja (+91 94162 70318), India

For Bank Transfer

Name of the Bank Sparkasse Göttingen/Germany
Bank Branch/City Göttingen/Germany
Bank Account No. DE 14 2605 0001 0000 1537 67
IFSC/IBAN NOLADE 21 GOE

Schedule

Abstract submission	February 05, 2026 or before
Acceptance notification	3-5 days after abstract submission
Online Registration	February 20, 2026 or before
Conference	March 13-15, 2026
Pre-Conference Excursion	March 10-12, 2026
Post Conference Excursion	March 16-18, 2026

REGISTRATION FORM

Role of Digital Technologies and Sustainable Approaches Towards Agriculture, Environment and Health

March 19–21, 2026

1	Name (in block letters)	
2	Position	
3	Mailing Address	
4	Phone & fax	
5	Email	
8	Title of paper	
9	Registration Fee	EUR 150 normal, EUR 75 for students
10	Accommodation required	<input type="checkbox"/> None <u>Other Hotel:</u> <input type="checkbox"/> Single bed EUR 70–99 <input type="checkbox"/> Double bed EUR 100–120 (Hotel booking to be made by participants at their own level or by the organizers against payment for room rent) <u>Box Hotel:</u> <input type="checkbox"/> EUR 30 for single bed <input type="checkbox"/> EUR 35 for double bed
11	Mode of arrival (bus/rail/car/other)	
12	Arrival time/date	
13	Departure time/date	
14	Statement	I agree with the online publication of abstracts and pictures made on the conference venue. <input type="checkbox"/> Yes <input type="checkbox"/> No
15	Place & date	
16	Signature	