



15th IFSDAA International Conference

on

**Challenges, Perspectives and Policies
in the Area of Sustainable Development,
Food Security, Environment Health
and Climate Change (2025/2050)**

September 17-19, 2024

**Celebration for Excellence of AASF for 65 years
and IFSDAA for 17 years**

organized by



International Foundation for Sustainable
Development in Africa & Asia

<https://www.aasf.de/ifsdAA/international-conference-2024/>

in



African-Asian Studies Promotion Association
Mahatma Gandhi House, Theodor Heuss Str. 11
37075 Göttingen / Germany

www.aasf.de

in collaboration with



HAWK University of Applied Sciences and Arts
Von-Ossietzky-Str. 99, 37085 Göttingen, Germany

<https://www.hawk.de>



Society for Sustainable Agriculture and Resource
Management / SSARM Hisar / India



International Office - Georg August University
37075 Göttingen / Germany

<https://www.uni-goettingen.de/en/international-office/59497.html>

INVITATION

Dear Colleagues,

The sustainable development goals (SDGs) are a set of 17 global objectives established by the United Nations to address various social, economic, and environmental challenges. These goals aim to create a more sustainable and equitable world by 2030. They cover diverse areas such as poverty, hunger, health, education, gender equality, clean water, climate action, and more. Achieving the SDGs requires collaborative efforts from governments, businesses, and individuals worldwide to ensure a better future for all.

Sustainable development stands as the compass guiding our journey towards a future where economic prosperity, social equity, and environmental stewardship coalesce. In this pursuit, the deployment of innovative tools has emerged as a cornerstone, offering transformative solutions to the multifaceted challenges facing our planet. From agriculture to urban planning, energy to community engagement, the array of sustainable development tools continues to expand, signaling a collective commitment to shape a resilient and equitable future. There are several sustainable tools to realize sustainable development goals. With the advent of digital technologies many new and promising tools have emerged to achieve these goals. In this context, precision farming, use of GPS, sensors, drones and artificial intelligence to optimise the resource allocation in Agriculture and weather forecast as well as water resource management are prominent. Moreover, use of renewable energy sources like solar, wind and biomass are pivotal in reducing reliance on fossil fuels as well as to mitigate climate change and provide cleaner energy and opportunities for circular economy.

Product Lifecycle Assessment (LCA), sustainable urban planning, green building designing, energy efficient designs, reduced carbon footprint and foster healthier living environments within urban and rural landscapes are ways forward to enhance resource use efficiency and to offer sustainable practices for overall healthy environment and quality life. Social innovation platforms amplify the impact of grassroots initiatives, promoting inclusivity and sustainable development.

In light of the above facts, and Challenges, Perspectives towards Sustainable Development tools for Food Security, Environment Health, and Climate Change (2025/2050), 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, and the Society for Sustainable Agriculture and Resource Management (SSARM), India. This conference will also embark on innovation ignition through an idea competition for young scientists to develop useful products and processes that can contribute positively to the welfare of human society.

Policy planners, researchers, scholars and NGOs in science & technology, agriculture, bio-technology, healthcare, economics, environment, skill development and entrepreneurship, social research streams are welcome to participate. The organizers will be happy to welcome the participants to the conference venue at AASF center at Mahatma Gandhi House, in Goettingen, Germany.

Dr. K. Wolde-Giorgis
Convener

Dr. Manfred Kern
Co-chair

Prof. A. Ibenthal
Chair

Information about the Conference

The International Conference includes oral and 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: September 17-19, 2024

Conference Language: English

Objectives

- To review sustainable development goals and assess its accomplishments in Africa and Asia.
- To promote Science and Technology for achieving sustainable development goals.
- To identify sustainable development tools and to use prudent technologies including Agro and bio-technologies for precision agriculture and one health for sustainable development in Africa and Asia.
- To develop and promote AI based forewarning and management systems to mitigate the effect of climate change on sustainable agriculture using inputs from drones, GPS, GIS for climate resilient precision agriculture.
- To promote innovation through ignition of pragmatic ideas in science and technology and resource management including bio-diversity, reduction in hunger, poverty alleviation, hygiene and health, urban planning systems and renewable energy etc.
- 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 for climate resilient agriculture in Africa and Asia. Examples include development and use of Agri & biotechnologies, resource management for increased input use efficiency, digital crop management, logistics artificial intelligence, food processing, value addition, nutrition and agriculture, environment and health sustainability.

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. Poverty alleviation and livelihood
2. Food and nutritional security, reducing hunger
3. Biodiversity conservation in relation to climate change
4. Climate smart practices and technologies for sustainable agriculture
5. Renewable Energy Solutions
6. Circular Economy Practices and Life cycle analysis
7. Sustainable Urban Planning Tools and community Engagement Platforms

8. Public hygiene and one health programs
9. Use of artificial intelligence, GPS and biosensors and other IT technologies for sustainable development and agriculture
10. Crop and livestock production under stress environments
11. Integrated farming system for sustainability
12. International cooperation's for developing strategies to cope up with climate change for food security and environmental health sustainability in Africa and Asia.

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

Abstract

Maximum one page up to August 21, 2024. Abstracts as well as full paper of registered participants will be published. Please submit your abstract via email to ifsd2024@aaaf.de with a copy to ifsd2024@gmail.com. One registrant can submit only one paper.

Registration Fee (before August 31, 2024)

Euro 150 normal, Euro 100 accompanied person, Euro 75 for research scholars and students. Registration fee includes book of abstracts, session tea, lunch and dinner during the conference.

After August 31, 2024 or in case of on spot registration the fee will amount Euro 175 normal and Euro 90 for research scholars and students.

Accommodation

Hotels (bed & breakfast):	Single room	EUR 70 - 99
	Double room	EUR 100 - 120
Accommodation for students/scholars:	Box Hotel (Without breakfast):	
	EUR 30 (single bed)	
	EUR 35 (double bed)	
Mahatma Gandhi	EUR 20 only limited rooms	

Scientific Excursions

will be organized for the participants before conference (September 14-16, 2024) and after conference (September 20 to 22, 2024), 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 August and the beginning of September is pleasant. Intermediate rain showers are possible and umbrella as well as light woollens for colder nights are recommended.

Patrons

Prof. W. Merbach, Germany - Prof. N. El Bassam, Germany

International Advisory Committee

Prof. Dr. A. Ibenthal, Chair, Germany	Prof. Andreas Boernar, Germany
Dr. Manfred Kern, Co-chair, Germany	Prof. Gerhard Flachowsky, Germany
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Local Organising Committee of International Conference

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Dr. Netra Bhandari	Dr. Abhishek Kumar

Registration and Contact

Please send the registration form to e-mail ifsd2024@aaaf.de with a copy to ifsd2024@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 1638823672), Germany
Er. Dawit Bereket Ab (+49 1737487424), Germany
Dr. Elhadi Morzog (+49 15213340366), Germany
Mrs. Heidemarie Dössel (+49 15166275002), Germany

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:	August 21, 2024 or before
Acceptance notification:	One week after abstract submission
Online Registration:	August 31, 2024 or before
Conference:	September 17-19, 2024
Pre-Conference Excursion:	September 14-16, 2024
Post Conference Excursion:	September 20-22, 2024

REGISTRATION FORM

Challenges, Perspectives and Policies in the Area of Sustainable
Development, Food Security, Environment Health and Climate
Change (2025/2050)

September 17-19, 2024

1	Name (in block letters):	
2	Position:	
3	Mailing Address:	
4	Phone & fax:	
	Email:	
8	Title of paper:	
9	Registration Fee	EUR 150 normal, EUR 75 for students
10	Accommodation required	<input type="checkbox"/> None <input type="checkbox"/> Hotel: single bed EUR 70-99, double bedEUR 100-120 (Hotel booking to be made by participants at their own level or by the organizers against payment for room rent) <input type="checkbox"/> Box Hotel: EUR 30 for singlebed/ EUR 35 for double bed <input type="checkbox"/> Mahatma Gandhi EUR 20 only limited rooms
11	Mode of arrival (bus/rail/car/other):	
12	Arrival time/date:	
13	Departure time/date	
14	Statement: Place &date: Signature:	I agree with the online publication of abstracts and pictures made on the conference venue. <input type="checkbox"/> Yes No