



International Conference on

# **Harnessing Scientific, Technological Innovations and Entrepreneurship for Sustainable Development in Africa and Asia**

*September 2 – 4, 2019*

***60<sup>th</sup> Year Celebration for Excellence***

*organized by*



*in cooperation with*



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

*at*

*HAWK University of Applied Sciences and Arts  
Von-Ossietzky-Str. 99  
37085 Goettingen, Germany  
<https://www.hawk.de>*

## INVITATION

Dear Colleagues,

Innovations coupled with entrepreneurships in Science and Technology are essentially needed for realizing the UN goals of the 2030 Agenda for Sustainable Development. For that matter, appropriate, affordable, simple and easy to use technologies should be generated and potential entrepreneurs should be motivated and supported through skill development and financial assistance by national governments and international agencies for economic transformation and sustainable development in Africa and Asia. Science Technology Innovations and Entrepreneurships can increase the efficiency, effectiveness, impact and complement the efforts of government and institutions for socio-economic and environmental benefits under climate change. Several innovations and green technologies, bio-technologies, agri-technologies developed and spread around the world over the last few decades, have helped improving crop growth and health, establishing enterprises in agriculture, food and feed processing, health/hygiene, infrastructure and civic amenities in rural and urban settings. Digital technologies support almost free and fast flow of ideas, knowledge and data offering opportunities for collaborative and open approaches to innovation in Science, Technology and entrepreneurship for inclusive growth.

In that context, it is important to have visionary leadership, a pragmatic action plan integrating social, economic and environmental imperatives, and commensurate science and technology innovations and entrepreneurships for holistic development. A strong regulatory environment, including corporate law and intellectual property, will also encourage the risk-taking required to innovate.

Keeping above facts and pious goals in view, the HAWK University of Applied Sciences and Arts, the International Foundation for Sustainable Development in Africa and Asia (IFSDAA) are jointly organizing this international conference in cooperation with the Afro - Asian Studies Promotion Association (AASF) and the Society for Sustainable Agriculture and Resource Management (SSARM). This year's conference also marks the 60<sup>th</sup> anniversary of AASF founded in 1959 and since then building up academic networks for sustainable development and delivering services to students.

Policy planners, researchers, scholars and NGOs in science & technology, agriculture, bio-technology, health care, economics, environment, skill development and entrepreneurship streams are welcome to participate. The organizers will be happy to welcome the participants to the conference venue HAWK University of Applied Sciences and Arts and to the AASF center at Mahatma Gandhi House, both in Goettingen, Germany.

Er. Dawit Bereket-Ab

Co-Convener

Dr. K. Wolde-Giorgis

Convener

Er. Esmail Eqbal

President AASF

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:** HAWK University of Applied Sciences and Arts  
Von-Ossietzky-Str. 99  
37085 Goettingen, Germany  
<https://www.hawk.de>

**Dates:** September 02-04, 2019

**Conference Language:** English

### Objectives:

- To promote Science Technologies Innovations and entrepreneurship for small-scale enterprises in rural and urban settings.
- To establish skills development based higher education for employability and entrepreneurship towards sustainable development in Africa and Asia.
- To provide conceptual knowledge, hands on practice and a financial assistance framework to facilitate youths and entrepreneurs in Africa and Asia.
- To create a network of technocrats and management experts in cooperation with IFSDAA for promoting Skills Development in Africa and Asia.

### Mission:

This conference shall disseminate latest results on the application of science and technologies for sustainable agricultural development. Examples are biotechnologies, digital crop management, logistics and artificial intelligence.

**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.

- Philosophy and Psychology for Capacity Building through Skill Development and entrepreneurship in Rural and Urban Settings.
- Climate Resilient Smart Agriculture Technology.
- Agri-waste and bio-resource management including bio-fertilizers, manure, organo mineral fertiliser pallets, biochar, bio-pesticides etc.
- Plant breeding and biotechnologies for development of improved crops for high yield, tolerance to biotic and abiotic stresses and better quality.
- Agroforestry-horticulture for environment sustainability and food security.
- Food processing for value addition.
- GIS and computer applications for natural resource management and sustainable agriculture.
- Green technologies and renewable energy sources and their applications.
- Digital information and communication technologies for resource management towards agriculture automotive industrial production, environment and health care.
- Corporate social responsibility, laws for empowerment and intellectual property.
- Developing professional and para professional human resources in health care and hygiene.

- Future science and technology innovations to enhance resource use efficiency in agriculture and allied enterprises.
- International cooperations for achieving food and nutritional security and sustainable development in Africa and Asia.
- Keynote lectures by distinguished professors/researchers/development functionaries from Europe, North & South America, Asia, Africa and Oceania.

**Abstract:** Maximum one page up to July 7, 2019. Abstracts as well as full paper of registered participants will be published. Please submit your abstract via email to ifsd2019@aasf.de with a copy to ifsd2019@gmail.com. One registrant can submit only one paper.

**Registration Fee (before August 11, 2019):** Euro 150 normal, Euro 75 for research scholars and students. Registration fee includes book of abstracts, session tea, lunch and dinner during seminar.

After August 18, 2019 or in case of on spot registration the fee will amount Euro 175 normal and Euro 90 for research scholars and students.

Please send the registration form to e-mail ifsd2019@aasf.de with a copy to ifsd2019@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 Goettingen, Germany. On the conference venue, payments can be made in cash at the registration counter also.

**Accommodation:**

Other Hotels (bed & breakfast):                Single room EUR 50 - 100  
   Double room EUR 75 - 150.

Accommodation for students/scholars: Mahatma Gandhi House Hostel, EUR 15

**For Bank Transfer:**

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

**About Goettingen:** Goettingen 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.

**Weather:** Weather in the month of September is pleasant. Late summer days are expected. However, intermediate rain showers are possible and an umbrella is recommended, as well as a warm jacket for colder nights.

### **International Advisory Committee**

Prof. Dr.-Ing. A. Ibenhal, Chair  
Prof. G. Haesaert, President IFSDAA  
Prof. D. Trautz, Germany  
Prof. W. Merbach, Germany  
Prof. Arthur Riedacker, France  
Dr. Manfred Kern, Germany  
Prof. Edward Arseniuk, Poland  
Prof. Ahmet Bagci, Turkey  
Dr. Lajos Bona, Hungary

Prof. Ravindra Chibbar, Canada  
Prof. Dieter Trautz, Germany  
Prof. M. Osaki, Japan  
Dr. Kedar Adhikari, Australia  
Dr. E. Kazmann, Germany  
Dr. A.R. Siddiqui, Bangladesh  
Dr. Palvinder Singh, India  
Prof. P.B.S.Bhadoria, India  
Prof. R.K. Behl, Int.co-ord., IFSDAA

## **Local Organising Committee of International Seminar**

Mrs. Christiana Ampedu  
Er. D. Bereket-Ab  
Er. E. Eqbal  
Prof. Dr.-Ing. Achim Ibenthal

Mr. Bernd Lueder  
Mr. Axel Schulz  
Dr. K. Wolde-Giorgis

### **Registration and Contact**

Please send registration form, registration fee through bank demand draft, pay orders to IFSDAA c/o Afro Asian Studies Promotion Association, Mahatma Gandhi House, Theodor-Heuss-Str. 11, 37075 Goettingen, Germany. (can be paid in cash at registration counter also) and a copy of your abstract by e-mail: ifsdaa2019@aasf.de with a copy to ifsdaa2019@gmail.com.

### **Schedule**

Abstract submission:	July 7, 2019
Acceptance notification and final program:	August 4, 2019
Online Registration:	August 11, 2019
Conference:	September 02 – 04, 2019

## REGISTRATION FORM

International Conference on  
Harnessing Scientific, Technological Innovations and  
Entrepreneurship for Sustainable Development in Africa and Asia  
September 02 - 04, 2019

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"/> Mahatma Gandhi House (without breakfast) <input type="checkbox"/> Hotel (rooms will be blocked, self-registration required)
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 <input type="checkbox"/> No