

International Seminar on

**Harnessing Science and Technology
Applications through Capacity Building
and Economic Policies
for Sustainable Development**

September 13 - 15, 2018

organized by



International Foundation for
Sustainable Development in Africa and Asia (IFSDAA),
Goettingen, Germany

in collaboration with



University of Applied Sciences and Arts,
Goettingen, Germany

at

Afro Asian Studies Promotion Association
Mahatma Gandhi House, Theodor Heuss Str. 11,
D-37075 Goettingen, Germany



INVITATION

Dear Colleagues,

the United Nations sustainable development goals enshrined in their objectives that poverty was to be halved by 2015 by various nations globally. However, this goal has rarely been achieved by many countries. Much more remains to be done to achieve the targets.

To achieve the UN 2030 agenda objective of ending poverty and hunger everywhere, the following issues are deemed pivotal: 1.) The majority of the Afro Asian population lives in rural areas which are mainly the production sites for raw materials. The utilization of natural resources is injudicious. 2.) In these regions national agricultural productivity is quite low while international investors are able to obtain high efficiency through capital and technology deployment, economies of scale. However the produce is export bound and does not contribute to national needs. 3.) The impact of climate change is soaring, disaster management is in its infancy with regard to research, required dimension and footprint. 4.) The food processing industry is yet to gain pace, hence related economic growth is far below its potential. 5.) Knowhow transfer from international knowledge centers is punctiform. 6.) The need for short-term currency requirements sets priorities over sustainable development strategies on many national agendas.

The philosophy of capacity building is to enable human resources to understand the needs of development and to acquire training through hands on practice for performing tasks necessary for development. The focus, therefore, has to be to minimize theory practice gaps.

With the advent of emerging technologies, it is possible to give pace to the primary production of crops, post-harvest processing of crop produce, manufacturing technologies for developing value added products, science and technology applications for assessment and optimization of natural resources including land, rhizosphere, water, forest, bio diversity etc. Therefore, know-how and guidance in using emerging technologies is valuable to effectively utilize human capital and natural resources. Also, the policies of credit for start-ups, agri-ventures and tax policy have to be pro-development and individual and entrepreneur friendly. Yet it is acknowledged that this is but one dimension towards the UN's Agenda 2030 goals. The success of technology advance needs to be accompanied by economic and political dimensions.

This international seminar is intended to provide a platform for knowledge and experience sharing between developed and developing countries so that the pace of sustainable development can be accelerated in developing countries by sharing knowledge and resources. Three days international seminar shall therefore be organized at the representative campus of the Afro-Asian Studies Promotion Association (AASF), Mahatma Gandhi House, Theodor-Heuss-Str-11, 37075, Göttingen, Germany. The organizers cordially invite you and your colleagues to participate in this seminar in the historic university town Göttingen, Germany.

Er. Dawit Bereket-Ab

Dr. K. Wolde-Giorgis

Er. Esmail Eqbal

Prof. A. Ibenthal

Co-Convener

Convener

President AASF

Chair

Information about the Seminar

The international seminar includes lectures delivered by 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 capacity building aimed at harnessing science and technology applications for achieving sustainable development goals.

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

Dates: September 13 - 15, 2018

Seminar Language: English

Objectives:

- Strengthening higher education in developing countries.
- To identify domains of capacity building for entrepreneurship, establishing enterprise and/or employability.
- To provide conceptual knowledge and hands on operations for enabling youths.
- To promote capacity building for entrepreneurship for small scale enterprises in agri and allied sectors and supply chain management Asia.
- To create a network of innovators, practitioners and managers for incubating and deploying capacity building programmes in Africa and Asia.

Mission:

The scope of the seminar is related to the generation and application of science and technology for improvements in food production systems, resource management, bio resource conservation, environmental health and technological support systems with focus on food security and environment 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.

- Philosophy, process and management of capacity building in rural and urban settings.
- Achieving climate resilient smart agriculture.
- Technology use for rural bio resource management and small enterprises.
- GIS and computer applications for natural resource management and sustainable agriculture.
- Post-harvest processing of vegetables, fruits, grains, crops and management of value added product supply chain.
- Improving natural resource base through application of organic manures bio fertilizers for improving rhizosphere and soil health.
- Use of Plant breeding and biotechnology for production of improved seeds and management of seed supply chain.
- Use of agri-inputs for enhancing production and protecting crops.
- Socio-economic dimensions of sustainable development like land ownership, capital investment, tax policy and other policy frameworks for livelihood.
- Micro and macro-business development strategies.
- Emerging nano technologies and technology transfer.

Keynote Lectures: Distinguished professors/researchers/development functionaries from Europe, North & South America, Asia, Africa, and Oceania.

Scientific Excursion: Pre Seminar Scientific Excursion from September 10 to 12, 2018 and post seminar excursion on September 17, 2018 to institutes in Georg August and HAWK universities at Goettingen and other institutes in nearby towns.

Abstract: Maximum one page up to **August 10, 2018**. Abstract as well as full paper of registered participants will be published. One registrant can submit only one paper.

Registration Fee (before August 24, 2018): 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 24, 2018 or on spot registration Euro 175 normal and Euro 90 for research scholars and students.

Accommodation:

Box Hotel (w/o breakfast): EUR 20
Other Hotels (bed & breakfast): Single room EUR 50 - 75
Double room EUR 75 - 90

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

For Bank Transfer:

Name of the Bank: Sparkasse Goettingen
Bank Branch / City: 37073 Goettingen, Germany, Weender Str. 13-15
Bank Account No. / IBAN: DE 14 2605 0001 0000 1537 67
Swift-Bic: 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.

Patrons

Prof. Dr. W. Merbach, Prof. Dr. Brigitta Benzing, Prof. N. El Bassam

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Er. D. Bereket, Co-convener
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Mr. Swan
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Mr. Bernd Lueder
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Contact Address

Please send **registration fee** through bank demand draft, pay orders or as cash at the registration counter to

IFSDAA c/o Afro Asian Studies Promotion Association,
Mahatma Gandhi House
Theodor-Heuss-Str. 11
37075 Goettingen, Germany

Please send **registration form** and your **abstract** by e-Mail to ifsdAA2018@aasf.de with a copy to rkbehlprof@gmail.com

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Schedule

Abstract submission: Before August 10, 2018
Acceptance notification and final program: August 17, 2018
(acceptance will be sent within a week of receiving abstract)
Online Registration: Before August 24, 2018
Seminar: September 13 – 15, 2018

REGISTRATION FORM

10th International Seminar

on

Harnessing Science and Technology Applications through Capacity Building
and Economic Policies for Sustainable Development

September 13 - 15, 2018

Please send registration before August 24, 2018 to:
ifsd2018@iiasa.ac.cn with a copy to rkbbehprof@gmail.com

1	Name (in block letters):	
2	Position:	
3	Mailing Address:	
4	Phone & fax:	
5	Email:	
6	Title of paper:	
7	Registration Fee	EUR 150 normal, EUR 75 for students
8	Accommodation required	<input type="checkbox"/> none <input type="checkbox"/> Box Hotel (without breakfast) <input type="checkbox"/> Single room <input type="checkbox"/> Double room
9	Mode of arrival (bus/rail/car/other):	
10	Arrival time/date:	
11	Departure time/date	
12	Excursion participation: Preferred dates:	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Sep 10 <input type="checkbox"/> Sep 11 <input type="checkbox"/> Sep 17
13	Place & date: Signature:	