



## **International Conference**

**On**

**“Novel Approaches in Agro-ecology, Forestry, Horticulture, Aquaculture, Animal Biology and Food Sciences for Sustainable Community Development” (Agro-tech-2017)**

**Organized by**

**“Krishi Sanskrit”**

**On**

**11<sup>th</sup> November, 2017**

**Venue:**

**Convention Centre,**

**Jawaharlal Nehru University,**

**New Delhi**

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### **Call for Papers and Conference Themes:**

The aim and objective of **International Conference “Agriculture, Forestry, Horticulture, Aquaculture, Animal Sciences, Food Technology, Biodiversity and Climate Change: Sustainable Approaches”** is to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in Agriculture, Forestry, Horticulture, Aquaculture, Animal Sciences, Food Technology, Biodiversity and Climate Change: Sustainable Approaches.

The Organizer cordially invites abstracts and full length research papers for **AFHAFBC-2017** which is the premier forum for the presentation of sustainable approaches in the fields of theoretical, experimental results in the field of Agriculture, Forestry, Horticulture, Aquaculture, Animal Sciences, Food Technology, Biodiversity and Climate Change issues. The conference will bring together leading researchers, entrepreneurs and academicians in the domain of interest from around the world. Topics of interest for submission include various subthemes, but are not limited to the conference aims at providing an opportunity for exchange of ideas and dissemination of knowledge among scholars. Contributions are invited from prospective authors from related areas. All contribution should be of high quality, original and not published elsewhere or submitted for publication. During the review period, papers will be reviewed by eminent scholars in the respective areas. All selected papers will be published as chapters with ISBN No. and few high-end papers will be published in international journal having ISSN No. which will be issued to authors on the day of conference.

### **Themes:**

#### **Agricultural Sciences:**

- Agri ecology & organic agriculture
- Agricultural land availability and ‘peak food’,
- Agricultural pollutions and its control techniques,

- Agricultural Production
- Agricultural systems
- Agricultural waste management
- Agriculture and rural development
- Agriculture biology and plant protection
- Agriculture Economics and Agribusiness Management
- Agriculture Extension and Organizational management
- Agriculture for Sustainable Development,
- Agriculture mechanization and postharvest Technology
- Agro industry start-ups
- Agronomy and Crop Sciences
- Animal Production, health and Hygiene
- Aquaculture and Biosystems Research
- Biodiversity and Agro biodiversity
- Biological natural resource engineering
- Climate change and Agriculture
- Computational Methods and Statistic for Agriculture
- Crop breeding, genetics & genomics,
- Domestic animal breeding, genomics & biotechnology,
- Emerging technologies in Agriculture and Livestock
- Energy, alternative energy and waste Resource management
- Farmland preservation,
- Financing credits and agricultural subsidies
- Geo-informatics in Agriculture
- Green Agriculture
- Hi-tech technologies
- Natural Resources & Sustainable Agriculture,
- Organic Farming and Sustainable livelihood,
- Plant design using conceptual design techniques,
- Plant protection
- Plants, seeds & propagation materials
- Post harvest treatment
- Prospects of Agro based Renewable Energy,
- Renewable energy in agriculture
- Rural development
- Seed, fruit & reproductive plant biotechnology,
- Selection and improvement of plants and animals
- Significance of Carbon credit in modern Agriculture,
- Soil and agricultural issues,
- Soil, water and Management
- Sustainable Agriculture,
- Urban agriculture,
- Water Engineering in Agriculture,
- Watershed design for water quality protection
- Weed control and crop protection

#### **Forestry:**

- Deforestation
- Economic Forest
- Emerging issues in precision agriculture and forestry
- Forest Economics
- Forest Genetics and Tree Breeding

- Forest Management
- Forest Protection and Statistics
- Forestry and Agro forestry
- Shelterbelts
- Silviculture
- Wildlife Protection and Management

### **Horticulture**

- Fruit growing
- Fruits & citrus
- Greenhouses & horticulture
- Vegetable growing
- Viticulture and Oenology

### **Aquaculture:**

- Advanced Aquaculture Technology Systems
- Aquaculture Engineering
- Aquaculture Management Systems
- Aquaculture Marketing and Business
- Aquaculture Industry Transformation - Case Studies
- Aquaculture Production
- Aquaculture Production and Food Safety
- Aquaculture Waste Management
- Biotechnology for Aquaculture
- Disease Control in Aquaculture
- Ecological Engineering for Aquaculture
- Food Safety in Aquaculture
- Larvae Culture
- Life Transport Technology
- Live Feed Culture
- Organic Aquaculture
- Post Harvest Technology of Aquaculture Products

### **Animal Science:**

- Animal Protein and fibre products
- Biotechnology in veterinary medicine
- Cutting Edge Science for Future Animal Agriculture
- Environmental constraints to animal agriculture
- Livestock Biotechnology
- Livestock building design for animal welfare and health
- Livestock Production
- Livestock, dairy farming & small ruminants
- Meat and allied industries
- Poultry farming
- Public health and animal production
- Research for improved animal fibre products
- Technologies of animal husbandry
- Veterinary & feeding system
- Wild life management, fishery and aquaculture

### **Food & Nutrition Sciences:**

- Antioxidants and photochemical,

- Campus food issues and organizations,
- Carbohydrate, Protein and Lipid,
- Childcare provider feeding practices and nutritional socialization,
- Children's nutritional knowledge and reasoning
- Clinical and physiological techniques
- Community food security and Sustainable food communities.
- Control and system engineering for food industry
- Diet-related diseases
- Diet-related diseases and Enzyme Engineering.
- Diversion of foods into bio fuels.
- Drug screening and pharmaceutical synthesis
- Employment, rural quality of life, prices, import-export, commodity exchange markets, licensed warehousing and cluster analysis in food and agriculture
- Environmental Biotechnology, Food & dairy agricultural biotechnology.
- Food bioavailability
- Food biotechnology
- Food Engineering and biotechnology
- Food fortification and supplementation
- Food information and consumer education
- Food properties including thermal, chemical and mechanical properties
- Food safety and Bio-process engineering
- Food safety and traceability technologies, national legal infrastructure and food inspection system
- Food safety, hygiene and Flavours
- Food Science and Technology
- Food security and Food systems
- Food supply transportation and storage, and monitoring the food cold chain
- Food Texture and Rheology
- Functional foods, nutrition, nutraceuticals & bioactives
- Genetically modified foods vis-a-vis Organic foods.
- Grazing' and 'snacking' as a social and nutritional practice
- Heat, mass transfer and fluid flow in food processing
- Home meals, fast food and supermarket 'home meal replacements
- Implications of transitions with growing affluence from grains, legumes and pulses, to meat and dairy.
- Industrial Biotechnology
- Infant feeding
- Information technologies in food and agriculture
- Laboratory and automation application in food beverage, biotechnology and nutraceutical technologies
- Macronutrients/ Micronutrients
- Minerals and trace elements
- Molecular gastronomy
- New strategies in food packaging
- Non-thermal food processing
- Nutrition and health of the public
- Nutrition for people with special needs
- Nutrition policy

- Nutritional status of various ages
- Protein and gene delivery systems
- Proximate composition
- Recent product and process developments nanotechnologies in food and agriculture
- Reproduction and lactation
- Ruminant nutrition and Non-ruminant nutrition
- School lunch reform and midday meal schemes.
- Separation and purification processes for food production
- Socioeconomic status
- Sports nutrition
- Urbanization, population growth and the global food supply
- Waste management in food production and environmental sustainability

### **Biodiversity:**

- Climate change and Plants Reservation
- Global warming on agricultural Insects and food security for rural population
- Global warming on insect migration and biodiversity conservation
- Global warming on marine ecosystem and aquatic sustainability
- Global warming on wetland ecosystem management and pollution control
- In-Situ and Ex-Situ Conservation
- Protected and Reserved Areas, IPAS

### **Climate Change and Environmental Engineering:**

- Cities and Climate Change: Issues of Preparedness, Adaptability and Management
- Development, Biodiversity and Eco-system Services
- Displacement, Resettlement and Rehabilitation
- Environmental Impact Assessment: Success and Failure
- Food Security, Poverty, Inequality and Marginalization
- Gross Domestic Product v/s Gross National Happiness
- Impact of Climate Change on Traditional Agricultural Practices
- Socio-ecological & Human Dimensions of Development
- Aesthetic quality of drinking water (taste, odors)
- Atmospheric modelling and numerical prediction
- Bio-engineering
- Carbon capture and storage
- Clean technologies
- Climate and climatic changes
- Control technologies
- Disinfection and disinfection by- products
- Ecological Engineering
- Economic instruments
- Eco-technology
- Effect of distribution systems on potable water quality
- Emission sources
- Geophysics
- GPS and GIS technologies

- Ground water management
- Habitat reconstruction
- Health and the Environment
- Health related organisms
- Hydrology
- Industrial wastewater treatment
- Institutional development
- Integrated ecosystems management
- Interaction between pollutants
- Life cycle analysis
- Management and regulation of point and diffuse pollution
- Management of water treatment residuals
- Meteorology
- Modelling and decision support tools
- Monitoring and analysis of environmental contaminant
- On site and small scale systems
- Optimization of collection systems
- Ozone layer depletion
- Physical oceanography
- Process modelling
- Public participation
- Regulatory practice, water quality objectives standard setting, water quality classification
- Renewable sources of energy-energy savings
- Resource management
- Satellite applications in the environment
- Soil decontamination
- Suspended and fixed film biological processes
- Sustainable cities
- Toxicity assessment and epidemiological studies
- Transboundary cooperation
- Water resources and river basin management

### **Environmental sustainability**

- Clean technologies
- Environmental systems approach
- Life cycle analysis
- Renewable sources of energy-energy savings
- Resource management
- Sustainable cities

### **Wastewater and sludge treatment**

- Advances in biological, physical and chemical processes
- Anaerobic treatment
- Fate of hazardous substances
- Nutrients removal
- On site and small scale systems
- Process modeling
- Sludge treatment and reuse
- Storm-water management
- Suspended and fixed film biological processes

### Abstract Submission:

Abstracts not exceeding 250-300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at [newdelhi.conference17@gmail.com](mailto:newdelhi.conference17@gmail.com) on or before **4<sup>th</sup> November, 2017**.

Intimation of Acceptance of Abstract will be issued within 24 to 48 hrs of submission time.

### Submission of Full Length Research Paper

Full length research paper, maximum in 8 pages and copyright form should be submitted together as separate attachment latest by **6<sup>th</sup> November, 2017** through email at - [newdelhi.conference17@gmail.com](mailto:newdelhi.conference17@gmail.com) Intimation of Acceptance of Full Paper will be issued within 24 to 48 hrs of submission time.

### Submission of Registration form:

Submission of Registration fees latest by **8<sup>th</sup> November, 2017**. Registration process can be initiated after receiving acceptance letter of full paper.

### Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. Delegates at JNU guest house and nearby other guest houses/hotels around conference venue.

The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs.800/- per person (Indian non N.C.R. delegates) and 35 USD for Foreign delegates on sharing basis per day (check out time noon to noon). To and fro transportation facility from guest house to the conference Venue will be provided by the organizer.

**NOTE:** In case Research article is accepted by the editorial committee it will be published and released on the day of conference. In case the delegates are not able to physically present their paper due to some or other reason his/her research paper will be published (in absentia) and published copy along with certificate will be dispatched to his/her correspondence address by post just after the conference at no extra cost. **All communication should be by e-mail/online only (no hard copy is required to be posted).**

### Mandatory steps to be followed:-

1. In case of multi authored research paper, at least one Registration is mandatory.
2. In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate publication of research article as chapter/Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
3. Charges for extra copy of publication of research article as chapter/Journal & Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
4. Listener/ Accompanying person are not eligible for free accommodation even for one night. However if they require they have to pay Accommodation charges even for one day.

### Registration

The participants are requested to register by sending the duly filled Registration form through e-mail along with their research paper and registration fees (**through RTGS/ Wired Transfer or Online Transfer**)

Bank Details mention below for **RTGS/ Wired Transfer or Online Transfer:**

**Beneficiary Name** : Krishi Sanskriti

**Bank Name** : Canara Bank

**Bank Address** : Jit Singh Marg, New Delhi

**Account No.** : 1484101026988

**Account Type** : Saving

**IFSC Code** : CNRB0001484

**Swift Code-** : CNRBINBBID

### Registration Charges:

Categories	Indian Delegates	SAARC/ African Country Delegates	Rest of the countries
Academic faculty/Industrial Delegates	4000 INR	150 USD	350 USD
Research Scholars(Ph.D) / NGO Representative	3500 INR	125 USD	250 USD
Students(B.Tech/M.Tech /M.Scetc)	2500 INR	100 USD	200 USD
Printing of Additional Pages as chapter in edited book/in Journals	300 INR	15 USD	20 USD
Listener / Accompanying Member( <b>only Indian Delegates</b> )	1500 INR	**	**
Print copy of research article as chapter in edited book/Journal & Certificate (additional copy) for Co-Authors (if required in absentia)	800 INR	20 USD	30 USD
Only Print copy of research article as chapter in edited book /Journal (additional copy) for Co-Authors (if required in absentia)	500 INR	15 USD	25 USD
Only Certificates (Co-Authors in absentia)	300 INR	10 USD	20 USD
Additional Research paper for same authors	1500 INR	25 USD	35USD

**\*\*Foreign Participants as listener are not allowed, only authors from foreign country/countries will be allowed in this conference.**

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**For further information and Latest Updates, visit our Website**

<http://www.krishisanskriti.org/agro-tech.html>

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