

NATIONAL SYMPOSIUM
ON
Role Of Resource Management In
Agriculture In The Context Of Food
Security, Nutrition And Economy

DECEMBER 15th-17th, 2018

INSTITUTE OF AGRICULTURAL SCIENCE
UNIVERSITY OF CALCUTTA

51/2, HAZRA ROAD, KOLKATA -700019
WEST BENGAL



Organized By

THE AGRICULTURAL SOCIETY OF INDIA

(website : www.agrsi.in, e-mail : agsocietyin_50@rediffmail.com /
agsociety.india@gmail.com)

In Collaboration with

Institute of Agricultural Science
University of Calcutta

and

The Alumni Association of
The Institute of Agricultural Science
University of Calcutta

51/2 Hazra Road, Kolkata- 700 019, West Bengal

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BACK GROUND OF THE SYMPOSIUM

India is endowed with a rich and vast diversity of natural resources, particularly soil, water, weather, multipurpose trees and a wide array of biodiversity. To realize the potential of production system on a sustained basis, efficient management of the natural resources is very crucial. With the advent of high-yielding crop varieties and intensive cultivation, the food grain production has increased from 51 million tonnes in 1950-51 to a record figure of 265 million tonnes during 2013-2014. This impressive achievement has pulled the country in to self-sufficiency for food demand. With adoption of intensive agriculture to meet the varied growing demands for food, fuel, fibre, feed, fertilizer and products in the recent year, the natural resources are however, put under intense strain resulting in fast degradation and lowering of their production efficiency. The demographic pressure is rapidly mounting on the natural resources, thus inching closer to a catastrophe.

The challenge of natural resource management is evident from the fact that with a mere 2.4 per cent share of the world's land and only 4.0 per cent share of the world's fresh water resources, the agricultural sector of India has to cater to 18.0 per cent of the world's population. The net sown area has been stagnant at about 141.4 million hectares and in view of the competing demand for lands it is not likely to increase.

The present population of 1.2 billion is estimated to become 1.4 billion by 2025 and 1.7 billion by 2050 AD, needing annually about 380 mt and 480 mt food grain respectively.

The scenario along with the increasing industrialization and urbanization will place tremendous strain on the shrinking resources, thus, natural resource management needs to be accorded the highest priority. At present only about 66.0 million hectares (47.6 per cent) of the cropped area is irrigated.

A large part of agriculture continues to be rain fed, and husbanding of water resources has acquired primacy. Conservation agriculture, crop residues and nutrient management result in resource improvement in crop production. And to make that happen Agricultural Scientists of the country have to play important roles.

In this context the Agricultural Society of India, established in 1957 to disseminate knowledge of Agricultural Sciences to encourage research in various fields of agriculture and to provide suitable forum for exchange of ideas to research workers is organizing the present Symposium to deliberate issues related to "Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy."

Kolkata is one of the six metro cities of India. It is well connected by road, rail, and air. The Institute of Agricultural Science is located in the campus of Ballygaunge Science College at about 15 and 25 km away from Howrah Railway Station and Netaji Subhash International Airport at Dum Dum respectively. The city is blessed with temperate climate during the symposium. In the month of December the mean minimum and maximum temperatures vary from 16 - 24^o C and may require warm clothes during the session.

SCIENTIFIC PROGRAMME / THEME AREAS

01. Conservation agriculture and resource conserving technologies.
02. Crop management technologies for efficient resource use.
03. Water management and soil conservation.
04. Nutrient management.
05. Improved land management for arresting land degradation.
06. Plant Breeding, Genomics and crop improvement for efficient resource use.
07. Post-harvest technology, nutrition and value addition.
08. Transfer of Technology.

DATE AND VENUE

The symposium is proposed to be held at the Kennedy Hall, Department of Jute and Fibre Technology, University of Calcutta, 35, Ballygaunge Circular Road, Kolkata-700019, and concurrently at the Institute of Agricultural Science, University of Calcutta, 51/2, Hazra Road, Kolkata-700019 during 15 - 17th, December, 2018.

REGISTRATION FEE :

(Non refundable and non transferable)

The registration fee is Rs. 2500.00 for members and non-members of the Society. For students / research fellow, it is Rs. 1000.00. They have to produce I.D. for the claim. The registration fee in the form of account payee demand draft in favour of "The Agricultural Society of India" payable at Kolkata along with the registration form is to be mailed so as to reach the Secretary, The Agricultural Society of India on or before 15th September 2018. The papers without registration fee or those received after the last date will not be considered. For spot registration the fees is Rs.3000.00 for members and non-members and for student members it is Rs.1500.00. NEFT /RTGs payments also accepted as details here under:

Bank name: UCO Bank, Branch: 40/1, Ballygaunge Circular Road, Kolkata-700 019, Branch Code : 0837, A/c No.08370100001866, MICR no. 700028039, IFSC Code: UCBA0000837

CALL FOR PAPERS

The participants are requested to send the abstract of papers not exceeding 300 words in hard copy by registered post and also through e-mail: agsocietyin_50@rediffmail.com or agsociety.india@gmail.com on or before 15th September, 2018. The full paper should reach the Convenor of the symposium within 30th September, 2018. Poster should be precise and to be accommodated at 1m.x1.2m. space.

DATE TO REMEMBER

Date of Symposium :	15 th – 17 th December, 2018
Last date of Submission of Abstract :	15 th September, 2018
Last date of submission of Full length paper :	30 th September, 2018
Last date of submission of Registration fees :	30 th September, 2018

ADDRESS FOR CORRESPONDENCE

Prof. R. K. Sarkar

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**NATIONAL SYMPOSIUM
ON
ROLE OF RESOURCE MANAGEMENT IN AGRICULTURE IN THE
CONTEXT OF FOOD SECURITY, NUTRITION AND ECONOMY
DECEMBER 15th - 17th, 2018**

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1. Name :
2. Designation :
3. Mailing address :

Telephone (O) : _____ (R) _____

Mobile :

Fax :

E-mail :

4. Whether Accommodation required : Yes No

5. Title of presentation :

6. Abstract and full paper with CD sent by Registered Post on :

7. Registraton fees : (amount) Rs.

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Demand Draft should be drawn in favour of "**The Agricultural Society of India**" payable at Kolkata.

I understand that no proceedings of the Symposium will be published and I agree to pay the required charges for printing the paper in subsequent issue of the Indian Agriculturist, official organ of the Agricultural Society of India.

Place :

Signature

Date :

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Mobile :

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Accommodation for : Single Double

Accommodation for : A/C Non A/C

Accommodation required from :..... to

Accommodation will be provided to all the delegates on payment basis at University Guest House and Hotel. Accommodation will be arranged on advance payment of room rent by DD in favour of **"The Agricultural Society of India"** payable at Kolkata. The tariff rates range from Rs. 1000.00 to 1200.00 for single non A/C and Rs. 2000.00 to 2500.00 for single A/C room. Of the total tariff involved in accommodation you are requested to send 50% in advance. In case of escalation of tariff rate, you have to make necessary payment for your accommodation.

Place :

Signature

Date :