

FIRST ANNOUNCEMENT



**20th ANNUAL CONVENTION
AND
THE NATIONAL CONFERENCE
ON HARNESSING CLAY SCIENCE
FOR HUMAN WELFARE**

February 17-18, 2017

Venue
**ICAR- National Bureau of Soil Survey
& Land Use Planning,**
Amravati Road, Nagpur-440 033,
Maharashtra

Organised by

The Clay Minerals Society of India
New Delhi
in collaboration with
ICAR- National Bureau of Soil Survey & Land Use Planning
Nagpur

THE CLAY MINERALS SOCIETY OF INDIA (CMSI)

The Clay Minerals Society of India (CMSI) was formed in New Delhi in 1982 as a platform for undertaking multi-disciplinary research activities in different branches of Clay Science, viz., Soils and Agriculture, Geosciences and Mining, Ceramics and Refractories, Drugs and Pharmaceuticals, Petrochemicals, Pollution Control, Clay Modelling and Origin of Life. The CMSI publish a half yearly journal namely, "Clay Research". The CMSI regularly hold their Annual Conventions and organize National Conferences on contemporary topics in Clay Science.

THE PROGRAMME

The CMSI is organising their Twentieth Annual Convention and the National Conference on **Harnessing Clay Science for Human Welfare** during February 17-18, 2017.

Brainstorming Session

This year, the CMSI is organising intense brainstorming on "**Role of Soil and Soil Clays in Watershed Planning**". The rational use of natural resources including water, soil and ecosystems and maintaining their favourable quality and desirable multifunctionality are important elements of sustainable watershed management.

According to global and national assessments, the availability of good-quality water will be one of the main conflict problems of sustainable development and the most important limitation to the extension of biomass production. Consequently, the increase of water use efficiency including proper watershed management bears particular significance.

It can be forecast with high probability that in future, water will be the determining (hopefully not limiting) factor of food security and environmental safety in the country. Consequently, the improvement of water use efficiency with rational watershed management will be one of the key issues of agricultural production, rural development and environmental protection.

Soil mineralogical make up has vast importance in sustainable watershed management. Evidences are galore to show that the type and amount of minerals have an important bearing on moisture and nutrient holding capacity of soils. A thorough knowledge and appreciation of minerals in soils is thus critical for water management and irrigation scheduling.

It becomes all the more important particularly in the present Indian scenario in view of the initiation of massive watershed planning programmes by the government for improving rainfed agriculture.

Expected Outcome

- An understanding of the factors and processes controlling water movement and storage in enhancing water use efficiency in watershed
- Knowledge on conservation measures vis-à-vis land use / land cover for improving water use efficiency
- Decision Support System for Irrigation Planning, Land Use Planning and Precision Agriculture
- Areas identified for future research (in watershed management)

Organisation

Four invited speakers will deliver on related topics which will culminate into recommendations.

All others under this session will present Posters.

NOTICE OF INTENT

Twentieth Annual Convention and the National Conference on
"Harnessing Clay Science for Human Welfare" at the ICAR-
NBSS&LUP, Amravati Road, Nagpur-440 033, Maharashtra
(Please mail or fax this notice to the Organizing Secretary latest
by 15th December 2016)

Name : _____

Mailing Address : _____

Pin Code : _____

Phone: _____ Mobile: _____

e-mail : _____

Presenting paper : Yes / No

Title of the paper and author(s) :

Require accommodation : Yes / No

If required Type: Hotel/Guest House (Limited)

Date : _____ Signature : _____

Address for correspondence :

Dr. P. Chandran

Organizing Secretary & Head, Division of Soil Resource Studies
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Organising Secretary	:	Dr. P. Chandran

Directive Principles

- I Paper on any topic related to Clay Science in Agriculture, Environment and Industry is acceptable
- I Organizing Committee reserves the right to decide on the nature of presentation: Oral/Poster
- I Late registration by the delegates will not allow them to present papers in Oral Sessions
- I Registered student delegates will make poster presentations.

Special Lecture

The Society is organizing a special lecture on "**Declining trend in Research on Physical Chemistry of Soils with Special Reference to Clay**". The speaker is Dr. S.K. Sanyal, former Vice-Chancellor, BCKV, Mohanpur, Nadia, West Bengal.

Extended summary of papers (not exceeding 500 words) and the filled-in Notice of Intent may kindly be sent to:

Dr. P. Chandran

Organising Secretary & Head, Div. of Soil Resource Studies,
ICAR-NBSS & LUP, Nagpur- 440 033
E-mail : pchandran1960@yahoo.co.in/orgsecmsi2017@gmail.com
Mobile : 09764574322

REGISTRATION FEE

Rs.2500/- (Members)
Rs.3000/- (Non-members) Rs. 1000/- (Students)
Cheque/draft may be sent in favour of
"Organizing Secretary, CMSI, Nagpur" payable at Nagpur

IMPORTANT DATES

December 15, 2016 : Submission of Notice of Intent

December 31, 2016 : Submission of Extended Summary and Registration (payment of Registration Fee)

January 20, 2017 : Full paper submission