



NHEP



# INTERNATIONAL VIRTUAL WORKSHOP ON SOIL CARBON FOR SUSTAINABLE CROP PRODUCTION AND SOIL HEALTH MANAGEMENT, 2021

4<sup>th</sup>-5<sup>th</sup> October, 2021

SKN College of Agriculture  
*Platinum Jubilee Year, 2021*



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**PATRON**  
**Prof. J. S. Sandhu**  
Hon'ble Vice Chancellor  
SKNAU, Jobner



**CHAIRMAN**  
**Dr. A.K. Gupta**  
Dean and Faculty Chairman  
SKNAU, Jobner



**ORGANIZING SECRETARY**  
**Dr. S. K. Dadhich**  
Head, Deptt. of Soil Sci. & Agril.  
Chemistry, SKNCOA, Jobner

**Co-Organizing secretaries**

Dr. Rajhans Verma  
Chiranjeev Kumawat  
Dr. S. S. Sharma



**CHIEF GUEST**  
**Prof. Rattan Lal**  
"World Food Prize Winner -2020"  
Director, CMSC  
Ohio State University, USA



**EMINENT SPEAKER**  
**Dr. Ch. Srinivasa Rao**  
Director, ICAR-NAARM  
Hydrabad



**EMINENT SPEAKER**  
**Dr. Sanjay Arora**  
Principal Scientist  
ICAR-CSSRI-RRS, Lucknow

**Technical Team**

Mr. Suresh Kr Sharma  
Mr. Pawan Choudhary  
Mr. Pankaj Kr Kaswan

**Organized by**

Sri Karan Narendra Agriculture University  
Jobner, Jaipur -303 329, Rajasthan, India



## PROGRAMME SCHEDULE

DAY-1<sup>st</sup> : 4<sup>th</sup> October, 2021

Inaugural Session

Time: 5.30 P.M. – 6.35 P.M.

Time	Programme	Speaker
5.30 P.M. – 5.35 P.M.	Preface of Workshop	Dr. S. K. Dadhich Organizing Secretary
5.35 P.M. – 5.40 P.M.	Welcome of Guest	Dr. A. K. Gupta Dean & Faculty Chairman SKNAU, Jobner
5.40 P.M. – 5.50 P.M.	Inaugural Remarks by The Patron	Prof. J. S. Sandhu Hon'ble Vice Chancellor, SKNAU, Jobner
5.50 P.M. – 6.30 P.M.	Carbon management for sustaining soil health and crop yield- Keynote speech by the Chief Guest	Prof. Rattan Lal World Food Prize Winner-2020
6.30 P.M. – 6.35 P.M.	Vote of thanks	Dr. L.R. Yadav Assoc. Dean, SKNCOA, Jobner

### Technical Session

Time: 6.35 P.M. – 07.45 P.M.

Chairman	Co- Chairman	Reporteur
Dr. A. C. Shivran Dean, CDST, Jobner	Dr. Sathish Ayyappa Professor, Soil Science, UAS, Bengaluru	Chiranjeev Kumawat Dr S.S. Sharma

Time	Programme	Speaker
6.35 P.M. – 6.45 P.M.	Microbially mediated soil health management and sustainable crop production under salt stress	Dr. Sanjay Arora Principal Scientist, ICAR-CSSRI-RRS, Lucknow,
6.45 P.M. – 7.40 P.M.	Oral Presentations	Researchers/Scientists
7.40 P.M. – 7.45 P.M.	Vote of thanks	Dr. A. C. Shivran Dean, CDST, Jobner

DAY-2<sup>nd</sup> : 5<sup>th</sup> October, 2021

Technical Session

Time: 11.00 A.M. – 12.35 P.M.

Chairman	Co- Chairman	Reporteur
Dr. Lata Ex-Principal Scientist (Microbiology) IARI, New Delhi	Dr. L. R. Yadav Assoc. Dean, SKNCOA, Jobner	Dr. Rajhans Verma Chiranjeev Kumawat

Time	Programme	Speaker
11.00 A.M. – 11.30 A.M.	Keynote Speech on "Soil Carbon Sequestration in India: Research, Technologies and Policy Needs."	Dr. Ch. Srinivasa Rao Director, ICAR-NAARM, Hyderabad
11.30 A.M. – 11.35 A.M.	Vote of thanks	Dr. Sudesh Kumar Director Extension, SKNAU, Jobner
11.35 A.M. – 12.35 P.M.	Oral presentations	Researchers/Scientists

### Plenary Session

Time: 12.35 P.M. – 01.00 P.M.

Time	Programme	Speaker
12.35 P.M. – 12.40 P.M.	Proceeding and summary of the workshop	Dr. S.K. Dadhich Organizing Secretary
12.40 P.M. – 12.45 P.M.	Address by Chairman	Dr. A. K. Gupta Dean & Faculty Chairman, SKNAU, Jobner
12.45 P.M. – 12.55 P.M.	Remarks by The Patron	Prof. J. S. Sandhu Hon'ble Vice Chancellor, SKNAU, Jobner
12.55 P.M. – 01.00 P.M.	Vote of thanks	Dr. Sudesh Kumar Director Extension, SKNAU, Jobner

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### About the International Workshop:

Soil organic carbon is a key component of soil that affects its physical, chemical, and biological properties, contributing greatly to its proper functioning on which living ecosystem depends. Soil organic carbon (SOC) strongly impacts soil quality, functionality and health. Soil health, mediated by SOC dynamics is a strong determinant of global food and nutritional security. Restoration of organic carbon levels in soil requires an understanding of the ecological processes important for SOM storage. Over decades, research has clearly shown that agricultural management practices significantly influence the soil C content and associated soil properties. Proper restoration techniques can help and restore carbon pools. Global soil carbon stocks, trends and sequestration potential in context of a warming climate are now important for discussions among scientific community. International virtual workshop on “**Soil Carbon for Sustainable Crop Production and Soil Health Management**” will provide a platform to scientists/researchers for sharing their work on soil carbon for sustaining soil health and crop production.

### Major Themes of Workshop:

1. Soil carbon management for sustaining soil health under global climate change.
2. Carbon sequestration and its role in sustainable crop production and food security.
3. Recent innovation, methodology and research on soil carbon management.
4. Carbon sequestration under different agro-ecosystems.
5. Rejuvenation of soil biodiversity through carbon management.
6. Environmental, economic, and livelihood benefits associated with global carbon management.
7. Strategies for socio-economic awareness of soil carbon sequestration/ rejuvenation /management

### Call for Full Length Paper/Presentation:

Full length papers are invited for presentation in oral session of the workshop. Technical committee will evaluate and screen research papers for oral presentation. Submitted full length papers alongwith abstracts will be selected and published in ISBN E-proceeding book. Research paper should ideally be no more than 15 typeset pages including abstract of 350 words. The full length paper along with abstract should be submitted on or before 30<sup>th</sup> September, 2021 and mail to Email. [workshopskn2021@gmail.com](mailto:workshopskn2021@gmail.com), [hod.soils@sknau.ac.in](mailto:hod.soils@sknau.ac.in) .



### Contact us:

For any query regarding the workshop one may contact to the following E-mail address and mobile numbers

Email: [workshopskn2021@gmail.com](mailto:workshopskn2021@gmail.com),  
[hod.soils@sknau.ac.in](mailto:hod.soils@sknau.ac.in)

Contact Number: +91-9414385915,  
+91-9530379492, +91-6378830012,  
+91-9413831200

Link for Online Registration: <https://forms.gle/WkZiqjj3SM2487KJ8>

Link for attending the workshop : <https://sknau.webex.com/sknau/j.php?MTID=m0a4896c46f254619f602eeb7e12ef8fa>

- ❖ E- Certificates will be provided to active participants only
- ❖ No Registration fee
- ❖ Full length papers will be published in E-proceeding as ISBN book
- ❖ Last date of submission of abstract and full length paper : 30<sup>th</sup> September, 2021

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