

Fourth Circular

NATIONAL SYMPOSIUM

on

**Sustainable Mountain Agriculture:
Challenges and Opportunities for
Achieving Zero Hunger and Nutritional
Security**

05-06 JULY, 2023

Organizers

**ICAR- VIVEKANANDA PARVATIYA KRISHI ANUSANDHAN
SANSTHAN, ALMORA - 263601, UTTARAKHAND**



Indian Council of Agricultural Research,
New Delhi



ICAR-Vivekananda Parvatiya Krishi Anusandhan
Sansthan, Almora



Dear Friends,

It's our pleasure to inform you that ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora has established Boshi Sen Society for Sustainable Mountain Agriculture (BoSSMA) in memory of Padma Bhushan Professor Boshi Sen (1887 to 1971) who was an eminent Indian agricultural scientist. He was the first disciple of Swami Sadananda the first disciple of Swami Vivekananda. In initial years he worked with Sir J. C Bose. He established Vivekananda Laboratory in Kolkata in 1924. Later the laboratory was permanently shifted to Almora in 1936 with a great vision of enhancing livelihood and uplifting the economic status of Himalayan farmers.

We are delighted to announce that Boshi Sen Society for Sustainable Mountain Agriculture (BoSSMA) in collaboration with ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora and Indian Council of Agricultural Research, New Delhi is going to organize a National Symposium on ***"Sustainable Mountain Agriculture: Challenges and Opportunities for Harnessing Zero Hunger and Nutritional Security"*** during 05-06 July, 2023. This event will cover five scientific themes related to key aspects of mountain agriculture for achieving food security. The initiative by ICAR- VPKAS, Almora will provide the platform to scientists, academicians, researchers, entrepreneurs and policy makers to address challenges in hill agriculture.

We warmly invite you to participate in this event and provide valuable inputs to address present challenges in mountain agriculture. I hope your participation in this symposium will help in devising a way to find solutions for making agriculture more profitable and ensuring livelihood security, whilst maintaining ecological balance and sustainability of natural resources.

Organizing Committee
BoSSMA

Symposium at a Glance

Agriculture is demographically the broadest economic sector in the mountain regions. Mountains cover a significant proportion of the total global area under biodiversity hotspots which include both flora and fauna. However, they have limited infrastructure and economic development. Out of the total cultivated area in the mountains, approximately 80% is rainfed. An insight into the rain-fed regions reveals a grim picture of poverty, water scarcity, rapid depletion of ground water table and ecosystem fragility. This implies that mountains demand a distinctive strategy for the holistic development of agriculture and socio-economic growth. Because of the difficult terrains and inaccessibility to resources, conventional agriculture is the major activity in the mountains and has to constantly negotiate with various uncertainties. This urgent situation calls for sustainable efforts to transform mountain agriculture and, with it, the livelihoods of millions through new frameworks of cooperation, partnerships and innovations. Therefore, diversified agriculture through different enterprises and location-specific commodities offers a viable and sustainable approach for ameliorating livelihood in the mountains. Not only production but greater emphasis is needed in mechanization, value chain development, processing and innovative marketing practices. Further, to achieve the target of Zero hunger and poverty by 2030 as prioritized in the UNDP Sustainable Development Goals (SDGs), innovations and transformations in mountain agriculture are urgently required for reducing poverty, food insecurity, malnutrition, frequent droughts and environmental degradation.

Organizers

ICAR-Vivekananda
Parvatiya Krishi
Anusandhan
Sansthan,
Almora



ICAR-Vivekananda Parvatiya Krishi Anusandhan Sansthan (VPKAS), Almora has entered the Centenary Year of its or foundation in 2023. For hundred years, ICAR-VPKAS has been an institute of prime national importance in mountain agricultural research which has positively impacted livelihood of people who call the mountains home. ICAR-VPKAS, Almora with its ten decades of scientific legacy and impact is well positioned to effectively address the present and future challenges of mountain agriculture in a sustainable and holistic approach. To celebrate the Centenary Year and formulate sustainable location-specific solutions to accelerate the economic process and ensure livelihood prosperity of the mountains, a National symposium on **“Sustainable Mountain Agriculture: Challenges and Opportunities for Harnessing Zero Hunger and Nutritional Security”** is being organized by the ICAR- Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora and Boshi Sen Society for Sustainable Mountain Agriculture (BoSSMA). The symposium is an attempt to provide a common platform of discussion and deliberations to all the stakeholders for the holistic development of the mountains.

Scientific themes & Society

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Diversified mountain agriculture for
climate resilience and sustainability

...

Innovations for productivity enhancement
and resource conservation

SCIENTIFIC
THEMES

...

Policy frame work, marketing
and agri-business promotion

...

Mechanization and Secondary agriculture

...

Socio-economic concerns and
technological spread

About the Society

Boshi Sen Society for Sustainable Mountain Agriculture (BoSSMA)

Objectives

The Society was basically formed with the following objectives:

1. To provide opportunities for the dissemination and exchange of knowledge on latest development in mountain agriculture to make it more sustainable and profitable.
2. Hold seminar, symposia, workshops, conferences etc. in the interest of sustainable mountain agriculture and provide a platform for interaction of different scientific and educational organizations working in different aspects of mountain agriculture.
3. Advocate policies in the interest of mountain agriculture through seminar, symposia workshops and other relevant meetings.
4. Establish linkages and collaborations with different national and international bodies devoted to the cause of mountain agriculture.



Abstract submission & guidelines

Extended Date of abstracts submission
25-06-2023

Abstracts of the papers related to the thematic areas of the symposium are invited for oral and poster presentations.

Abstract typed in single space with maximum of 250 words excluding title, authors name, address and email ID on an A4 size paper should be submitted in Word format (docx).

Acceptance of the abstract will be intimated within two weeks of submission, the registration of the presenting author is mandatory to include abstract in souvenir.



PRESENTATIONS

Each theme will cover one/two keynote address and two lead lectures



Keynote Presentation

Eminent Scientists across India, policy makers and administrators will be invited to deliver special lectures on different themes. Keynote lectures will be of 25 minutes duration.



Lead Presentation

Lead lecture will be of 15 minutes duration that will cover different themes



Oral Presentation

Limited number of papers will be selected by the committee for oral presentation based on importance of subject and its relevance to the themes of the Conference. The presentation will be of 10 minutes duration.



Poster Presentation

All the delegates will get an opportunity to present their contributory research papers through poster presentation.

BEST ORAL AND POSTER AWARDS

The prizes will be awarded to best oral and poster presentations each from each technical sessions.

POINTS TO BE NOTED BEFORE SUBMISSION OF ABSTRACTS

- Submission of abstracts will not ensure automatic acceptance.
- Abstract (s) will be edited as per the requirement.
- Abstracts should be based on the recent work done by authors.
- Selection of an abstract for oral/e-poster presentation be decided by the committee.
- Abstracts accompanied with registration form and fees only will be accepted.

CORRESPONDENCE

The researchers, academicians, students and RA/SRFs are requested to submit abstracts to email
(bossmavpkas2023@gmail.com)

Account Name: Boshi Sen Society for sustainable mountain agriculture
Account No.: 41970378153
IFSC code: SBIN0000605

Registration fees

**Extended date for Registration:
25th June, 2023**

- Only registered delegates are permitted to attend and participate in the Symposium. They are entitled to receive all relevant publications of the Symposium including certificates.
- Acceptance of the abstract will be intimated within two weeks of submission, the registration of the presenting author is mandatory to include abstract in souvenir.

| Category | Registration Fee |
|----------------------|------------------|
| Members | 4000.00 |
| Non-members | 5000.00 |
| RA/SRFs/Students | 2000.00 |
| Accompanying Persons | 2000.00 |

EXECUTIVE COMMITTEE OF BOSSMA

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Co-Organizing Secretary: Dr. Ashish Kumar Singh, ICAR, VPKAS, Almora

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Dr. K K Mishra, Head Crop Protection Division, ICAR-VPKAS, Almora

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About Almora

ICAR-Vivekananda

Parvatiya Krishi

Anusandhan

Sansthan,

Almora



“These mountains are associated with the best memories of our race: Here, therefore, must be one of centers, not merely of activity, but more of calmness of meditation, and of peace and I hope someone to realize it.”

— Swami Vivekananda (replying to the address given to him by the people of Almora)

Almora is located on a ridge at the southern edge of the Kumaon Hills of the Himalaya range. The Koshi (Kaushiki) rivers flow along the city and snow-capped Himalayas can be seen in the background. The main seasons are summer from March to June, the monsoon season from July to October and winter from November to February. In summer, Almora is largely under the influence of moist, maritime airflow from the western side of the subtropical anticyclonic cells over low-latitude ocean waters. The average temperature for the year in Almora is 23.5 °C or 74.3 °F. Almora has many notable temples, including Kasar Devi, Nanda Devi, Doli Daana, Shyayi Devi, Khakmara, Asht Bhairav, Jakhandevi, Katarmal (Sun Temple), Pataal Devi, Raghunath Mandir, Badreshwar, Banari Devi, Chitai, Jageshwar, Binsar Mahadev, Garhnath and Baijnath. Well connected by motorable roads with major destinations of Uttarakhand state and northern India. Uttarakhand Transport Corporation runs Buses from Almora bus station to major north Indian cities such as Delhi, Dehradun, Lucknow, Chandigarh etc. Kathgodam railway station is the nearest railway station. Kathgodam is the last terminus of the broad gauge line of North East Railways that connects Kumaon with Delhi, Dehradun and Howrah. Pantnagar Airport, located in Pantnagar is the primary Airport serving the entire Kumaon Region. Indira Gandhi International Airport, located in Delhi is the nearest International Airport.

Accomodation

REGISTRATION LINK

<https://forms.gle/ThWckXgJJshh5hGq8>

HOTEL ACCOMODATIONS

| S.No | Hotel Name | Room Tariff (Rs.) incl. GST | link for hotel booking |
|------|---|-----------------------------|---|
| 1 | Hotel Sunita Elite, Almora 09412927784 | 2500-4500 | http://sunitasuncitycentre.com/ |
| 2 | Hotel Aeradyo Inn Almora 09411138799 | 2500-6000 | http://aerodyoinn.com/ |
| 3 | Hotel Shikhar, Almora 05962230253 | 2000-6500 | http://www.hotelshikhar.in/ |
| 4 | The Vegan Hill Hotel, Katarmal, Kosi, Almora (Only online Booking through Goibibo or Make my trip) | 2800-6000 | https://www.makemytrip.com/hotels/the_vegan_hill-details-almora.html |